USER MANUAL



# VKP80II-EE



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UNLESS OTHERWISE SPECIFIED, THE INFORMATION GIVEN IN THIS MANUAL

ARE REFERRED TO ALL MODELS IN PRODUCTION AT THE ISSUE DATE OF THIS DOCUMENT.

#### GENERAL SAFETY INFORMATION

Your attention is drawn to the following actions that could compromise the characteristics of the product:

- Read and retain the instructions which follow.
- Follow all indications and instructions given on the device.
- Make sure that the surface on which the device rests is stable. If it is not, the device could fall, seriously damaging it.
- Make sure that the device rests on a hard (non-padded) surface and that there is sufficient ventilation.
- When positioning the device, make sure cables do not get damaged.
- Use the type of electrical power supply indicated on the device label. If uncertain, contact your dealer.
- Make sure the electrical system that supplies power to the device is equipped with a ground wire and is protected by a differential switch.
- Do not block the ventilation openings.
- Do not insert objects inside the device as this could cause short-circuiting or damage components that could jeopardize printer functioning.
- Do not carry out repairs on the device yourself, except for the normal maintenance operations given in the user manual.
- Make sure that there is an easily-accessible outlet with a capacity of no less than 10A closely to where the device is to be installed.
- Periodically perform scheduled maintenance on the device to avoid dirt build-up that could compromise the correct, safe operation of the unit.
- Before any type of work is done on the machine, disconnect the power supply.
- Do not touch the head heating line with bare hands or metal objects. Do not perform any operation inside the printer immediately after printing because the head and motor tend to become very hot.

#### GENERAL INSTRUCTIONS

CUSTOM ENGINEERING S.p.A. declines all responsibility for accidents or damage to persons or property occurring as a result of tampering, structural or functional modifications, unsuitable or incorrect installations, environments not in keeping with the equipment's protection degree or with the required temperature and humidity conditions, failure to carry out maintenance and periodical inspections and poor repair work.

#### THE CE MARK AFFIXED TO THE PRODUCT CERTIFY THAT THE PRODUCT SAT-ISFIES THE BASIC SAFETY REQUIREMENTS.

The device is in conformity with the essential Electromagnetic Compatibility and Electric Safety requirements laid down in Directives 2006/95/CE and 2004/108/CE inasmuch as it was designed in conformity with the provisions laid down in the following Standards:

- EN 55022 Class B (Limits and methods of measurements of radio disturbance characteristics of Information Technology Equipment)
- EN 55024 (Information Technology Equipment – Immunity characteristics – Limits and methods of measurement)
- EN 60950-1 (Safety of information equipment including electrical business equipment)



#### GUIDELINES FOR THE DISPOSAL OF THE PRODUCT

The crossed-out rubbish bin logo means that used electrical and electronic products shall NOT be mixed with unsorted municipal waste. For more detailed information about recycling of this product, refer to the instructions of your country for the disposal of these products.

- Do not dispose of this equipment as miscellaneous solid municipal waste, but arrange to have it collected separately.
- The re-use or correct recycling of the electronic and electrical equipment (EEE) is important in order to protect the environment and the wellbeing of humans.
- In accordance with European Directive WEEE 2002/96/EC, special collection points are available to which to deliver waste electrical and electronic equipment and the equipment can also be handed over to a distributor at the moment of purchasing a new equivalent type.
- The public administration and producers of electrical and electronic equipment are involved in facilitating the processes of the re-use and recovery of waste electrical and electronic equipment through the organisation of collection activities and the use of appropriate planning arrangements.
- Unauthorised disposal of waste electrical and electronic equipment is punishable by law with the appropriate penalties.



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# **1** INTRODUCTION

#### 1.1 Document structure

This document includes the following chapters:

1	INTRODUCTION	information about this document
2	DESCRIPTION	general description of device
3	INSTALLATION	information required for a correct installation of the device
4	OPERATION	information required to make the device operative
5	CONFIGURATION	description of the configuration parameters of the device
6	MAINTENANCE	information for a correct periodic maintenance
7	SPECIFICATION	technical specification for the device and its accessories
8	CONSUMABLES	description and installation of the available consumables for the device
9	ACCESSORIES	description and installation of the available accessories for the device
10	ALIGNMENT	information required for managing the paper alignment
11	TECHNICAL SERVICE	information required for contacting the technical service
12	ADVANCED FUNCTIONS	information about special functions available with the device

# 1.2 Explanatory notes used in this manual

NOTE:	Information or suggestions relative to the use of the printer.
ATTENTION:	Information required to guard against damaging the printer.
DANGER:	Information required to guard against operator injury or damage.





# 2 **DESCRIPTION**

# 2.1 Unpacking the printer

Remove the printer from its carton being careful not to damage the packing material so that it may be re-used if the printer is to be transported in the future.

Make sure that all the components illustrated below are present and that there are no signs of damage. If there are, contact Customer Service.

- 1. Installation instructions
- 2. Power supply cable
- 3. Paper roll
- 4. Printer
- 5. Foam packing shell
- 6. Box



- Open the printer packaging
- Remove the paper roll
- Remove the cable of power supply
- Take out the foam packing shell
- Take out the printer and remove it from its plastic covering.
- Keep the box, trays and packing materials in the event the printer must be transported/shipped in the future.



# 2.2 Printer component

#### **EXTERNAL FRONTAL VIEW**

- 1. RS232 serial connector
- 2. ETHERNET connector
- 3. USB connector
- 4. Power supply connector
- 5. Paper output
- 6. Cutter





#### EXTERNAL REAR VIEW

- 1. Opening lever
- 2. Cursors for paper input
- 3. Paper input
- 4. FORM FEED key
- 5. LINE FEED key
- 6. Status led



#### PRODUCT LABEL

- PC = Product code (14 digits)
- SN = Serial number
- HW = Hardware release



# 2.3 Key functions

The following figures show the functions of printer's keys according to the operating condition of the device.









# 2.4 Status led flashes

The Status led indicates hardware status of device. Given in the table below are the various led signals and the corresponding printer status.

STATUS LED			DESCRIPTION
-	$\bigcirc$	OFF	PRINTER OFF
GREEN	٠	ON	PRINTER ON: NO ERROR
		1 x	RECEIVE DATA
GREEN	*	2 x	RECEPTION ERRORS (PARITY, FRAME ERROR, OVERRUN ERROR)
STATUS		3 x	COMMAND NOT RECOGNIZED
		4 x	COMMAND RECEPTION TIME OUT
		2 x	HEADING OVER TEMPERATURE
		3 x	PAPER END
YELLOW RECOVERABLE ERROR	-``	4 x	PAPER JAM
		5 x	POWER SUPPLY VOLTAGE INCORRECT
		6 x	COVER OPEN
		3 x	RAM ERROR
RED UNRECOVERABLE ERROR		4 x	EEPROM ERROR
		5 x	CUTTER ERROR





# 3 INSTALLATION

### 3.1 Fastening

The printer is provided with three fixing holes on the bottom of device (see following figure). To fasten the printer on a panel, use three M4 screws



It's very important to consider the screws length to not damage the internal components placed near the fixing holes .

On the basis of panel thickness calculate the screws length as follows :

Lv ≤ Pn + Sp

where

- Lv : indicates screw length
- Pn : 8 mm
- Sp : panel thickness

For example if panel thickness is 10mm (Sp = 10mm) the max screw length will be 18mm.







# 3.2 Installation and use with "retracting" mode

In the following table are reported the length recommended for the tickets using of the retracting mode:

TICKET LENGTH	TICKET PRESENTATION (MAX)
70 mm	10 mm
80 mm	10mm ÷ 30mm
80mm ÷ 220mm	10mm ÷ 30mm



#### Note "Ejector outfeed":

When assembling the printer on the machine, be sure to leave adequate space for the paper loop below. If this is not done, the ticket could crease at the cutting area, causing the ticket to jam in the paper outfeed opening.



# 3.3 Connections

The following figures show the possible connections for device.



#### **ATTENTION:**

In some using conditions, we recommend the installation of a ferrite core on the power supply cable.



### 3.4 Pinout



# POWER SUPPLY

Male Molex connector series 5569 vertical (no. 39-30-1020)

	1	+24 Vdc
J7	2	GND

#### ATTENTION:

Respect power supply polarity.

#### Note: Power supply cable

The following figure shows the connector pinout of the power supply cable for the device:





USB INTERFACE Female USB type B connector

	1	USB-VBUS	(in)
	2	D -	(in/out)
140	3	D +	(in/out)
J12	4	GND	
	SH1	SHIELD	
	SH2	SHIELD	





**Note**: Given the presence of the RS232 standard, logic value "0" corresponds to a voltage level of between +3 Vdc and +15 Vdc and logic value "1" corresponds to a voltage level of between -3 Vdc and -15 Vdc.

#### Note: VKP80II-EE > PC connection

The following pictures show an example of connections between the printer and a personal computer using a 9 pin female serial connector:



Note: When use a serial cable, we recommend the installation of a ferrite core on the serial cable.





# ETHERNET INTERFACE

RJ45 female connector

	1	TPOUT+
	2	TPOUT-
	3	TPIN+
	4	GND
	5	GND
	6	TPIN-
115	7	n.c
J 15	8	n.c
	9	+3.3 V
	10	LED-LAN
	11	+3.3 V
	12	LED-LNK
	13	Shield
	14	Shield

#### Note:

The functionality of two led are specified in the following table:

Ι.			
	LED	FUNCTION	
	LED-LNK	Link (yellow color): the led lights up when a connection is active	
	LED-LAN	Rx/Tx: (green color): the led lights up when occurs a data reception or transmission	
To directly connect the printer to a Dereced Computer yes a Crees Over Ethernet cable			

• To directly connect the printer to a Personal Computer, use a Cross-Over Ethernet cable.

• To connect the printer to a hub device, use an UTP Ethernet cable (Pin to Pin).

#### Note:

The pinout shown in table represents the input signals to component J15 before the isolation voltage transformer.

# 3. INSTALLATION

#### 3.5 Driver

The drivers are available for the following operating system:

OPERATING SYSTEM	INSTALLATION PROCEDURE	
Windows XP		
Windows VISTA (32/64bit)	From the START menu, press Enter and key-in the path where the SW was	
Windows 7 (32/64bit)	saved on your PC, then click OK. Pollow the instituctions that appear on the screen to install the driver.	
Opos		
Linux	Follow the instruction get back on the README.TXT file you can find it in the software package downloaded in advance.	

All drivers can be found in the DOWNLOAD section of the web site www.custom.biz.

# 4 OPERATION

#### 4.1 Adjusting paper width

Paper width may be adjusted from 60mm to 82.5mm using the right (Dx) and Left (Sx) slides located at the paper infeed opening.

Move the right and left slides to adjust the paper width (see following figure). Below the right slide there are four point of reference for paper width (60, 70, 80 and 82.5mm).

Move the slides to align the internal side of the fin (A) with the point of reference.



# 4.2 Paper roll insertion

At every change of paper roll, check inside the printer. To change the paper roll, proceed as follows:





The following figure gives the limit positions of the paper roll related to the printer for a correct paper loading without a paper roll holder support.

The direction of the paper will always form a maximum angle of 90 ° or -90 ° with the insertion plane of paper inside the printer.









# 5 CONFIGURATION

# 5.1 Configuration mode

To enter the configuration mode and print a SETUP report with the operating parameters of the printer, proceed as follows.







#### NOTE:

During power-up, if the LINE FEED key is held down, the printer enters the auto-test routine and prints out the setup report. The printer will remain in standby in Hexadecimal dump mode (see following paragraphs) until another key is pressed or characters are received through the printer communication port. When the FORM FEED key is pressed, the printer enters parameter configuration. When the LINE FEED key is pressed, the printer exits setup and terminates the Hexadecimal dump function.

men me enver reer regis presseu, me primer exits setup and terminates me nexadecimal dui



#### 5.2 Setup report

The following figure shows the setup report of the printer. The shown values for parameters are sample values; for the list and the description of printer parameters see the following paragraphs.

PRINTER NAME and FIRMWARE RELEASE	VKP80 II ETH - rel 1.00
PRINTER STATUS	PRINTER SETUPINTERFACERS232PROGRAM MEMORY TEST.OKDYNAMIC RAM TEST.OKEEPROM TEST.OKCUTTER TEST.OKHEAD VOLTAGE [V]= 23,76HEAD TEMPERATURE [°C]= 30PAPER PRINTED [cm]= 69525CUT COUNTER= 3520RETRAC COUNTER= 0POWER ON COUNTER= 438PRINTER HEAD TYPET80
ETHERNET PARAMETERS	IP Address 192. 168. 0. 1 Subnet Mask 255. 255. 240. 0 Default Gateway 192. 168. 0. 1 MAC Address 00-0E-E2-00-00-00 For advanced printer setup please connect to: http://192.168.0.1
PRINTER PARAMETERS	RS232 Baud Rate19200 bpsRS232 Data Length8 bits/chrRS232 ParityNoneRS232 HandshakingXon/XoffBusy ConditionRxFullUSB Address Number (1)0AutofeedCR DisabledPrint ModeNormalChars / inchA=15 B=20 cpiSpeed / QualityNormalPaper RetractingDisabledNotch AlignmentDisabledCurrentNormalPrint Density0%
KEYS FUNCTIONS	[FF] key to enter setup [LF] key to skip setup



#### 5.3 Printer status

Printer operating status is indicated in the configuration print-out in which, next to the name of the components displayed, the following information is given:

INTERFACE	is given the interface present
PROGRAM MEMORY TEST	the message OK appears if functioning and NOT OK if faulty.
DYNAMIC RAM TEST	the message OK appears if functioning and NOT OK if faulty.
EEPROM TEST	the message OK appears if functioning and NOT OK if faulty.
CUTTER TEST	the message OK appears if functioning and NOT OK if faulty.
HEAD VOLTAGE	is given the voltage of the head.
HEAD TEMPERATURE	is given the temperature of the head.
PAPER PRINTED	is given the number of centimetres of paper printed.
CUT COUNTER	is given the number of cuts made.
RETRACT COUNTER	is given the number of "retract" made
POWER ON COUNTER	is given the number of power-ups made
PRINTER HEAD TYPE	is given a reference for the printing head model

#### 5.4 Printer parameters

This printer allows the configuration of the parameters listed in the following table. The parameters marked with the symbol <sup>D</sup> are the default values. Settings remain active even after the printer has been turned off and they are stored in non-volatile memory.

**ATTENTION:** 

Any changes to network parameters will interrupt browser connection. If the server not responding you must reconnect to the new IP address set.

IP ADDRESS	IP address of printer; this parameter is assigned by the network administrator.								
	<b>NOTE:</b> Press the FORM FEED key to modify the value of the highlighted digit. Pressing LINE FEED key to move the cursor on the next digit (if the cursor is on the latest digit, proceed to next parameter by pressing the LINE FEED key).								
SUBNET MASK	This parameter identifies the local network address.								
	<b>NOTE:</b> Press the FORM FEED key to modify the value of the highlighted digit. Pressing LINE FEED key to move the cursor on the next digit (if the cursor is on the latest digit, proceed to next parameter by pressing the LINE FEED key).								
DEFAULT GATEWAY	This parameter identifies the Gateway IP address used to send applications to the ex- ternal network.								
	<b>NOTE:</b> Press the FORM FEED key to modify the value of the highlighted digit. Pressing LINE FEED key to move the cursor on the next digit (if the cursor is on the latest digit, proceed to next parameter by pressing the LINE FEED key).								
MAC ADDRESS	This is the number, provided by the constructor, that identifies the printer; this number is univocal.								
	NOTE: This parameter can't be modified by set up.								
RS232 BAUD RATE	Communication speed of the serial interface:								
	230400 38400 4800								
	57600 9600 1200 57601 9600 1200								
RS232 DATA LENGTH	Number of bit used for characters encoding:								
	7 bits/car 8 bits/car <sup>D</sup>								
RS232 PARITY	Bit for the parity control of the serial interface:								
	None $^{D}$ = parity bit omitted Even = even value for parity bit Odd = odd value for parity bit								
RS232 HANDSHAKING	Handshaking:								
	XON/XOFF = software handshaking Hardware <sup>D</sup> = hardware handshaking (CTS/RTS)								



BUSY CONDITION	Activation mode for Busy signal:								
	RXFull D =Busy signal is activated when the buffer is fullOffLine/ RXFull =Busy signal is activated when the printer is both in OffLine status and the buffer is full								
	<b>NOTE:</b> Parameter valid only with serial interface; using this parameter, it is possible to select whether the Busy signal is activated when the printer is both in Off Line status and the buffer is full or only if the reception buffer is full.								
USB ADDRESS NUMBER	Numerical address code for the univocal identification of the USB device (in case of more than a USB device connected with the same PC):								
	$0^{D}$ 3 6 9 1 4 7 2 5 8								
	<b>NOTE:</b> This parameter is used to identify univocally the USB printer by a numerical address code, if on the PC are connected two printers that are the same models.								
AUTOFEED	Setting of the Carriage Return character:								
	CR disabled <sup>D</sup> =Carriage Return disabled CR enabled = Carriage Return enabled								
PRINT MODE	Printing mode:								
	Normal $^{D}$ = enables printing in normal writing way Reverse = enables printing rotated 180 degrees								
CHARS / INCH	Font selection:								
	A = 11 cpi, B = 15 cpi A = 15 cpi, B = 20 cpi <sup>D</sup>								
	NOTA: CPI = Characters Per Inch								
SPEED / QUALITY	Setting of printing speed and printing quality:								
	High Quality Normal <sup>D</sup> High Speed								
PAPER RETRACTING	Setting of the "retract" function of the paper, with paper presence on ejector during power-up:								
	Disabled <sup>D</sup> = "retract" function disabled Enabled = "retract" function enabled								
	<b>NOTE:</b> During power-up, if paper is present on the ejector and if this parameter is set to "Enabled", the printer will retract the paper. Otherwise, if the parameter is set to "Disabled", the printer will eject the paper.								
NOTCH ALIGNMENT	Alignment management:								
	Disabled $^{D}$ = the notch alignment is not performed Enabled = the notch alignment is performed								
NOTCH THRESHOLD	Threshold value (in percent) for the recognition of the presence of notch by the notch sensor:								
	0,5 1,5 2,5 3,5 4,5 1,0 2,0 <sup>D</sup> 3,0 4,0								
	NOTE: If the "Notch Alignment" parameter is disabled, this parameter is not printed.								



NOTCH DISTANCE	"Notch Distance" is the minimum distance (in mm) between the upper edge of tic and the notch. The numeric value of the distance is made up with the following four paramet for the setting of three digits (two for the integer part of the number and one for decimal part) and of the sign:						
	Setting the digit for tens:						
	NOTCH DISTANCE [mm x 10] 0 <sup>D</sup> 2 4 6 8 1 3 5 7 9						
	Setting the digit for units:						
	NOTCH DISTANCE [mm x 1] 0 <sup>D</sup> 2 4 6 8 1 3 5 7 9						
	<ul> <li>Notch Distance [mm x 10] = 1 Notch Distance [mm x 1] = 5</li> <li>NOTE: If the "Notch Alignment" parameter is disabled, the parameters for the "Notch Distance" a not printed.</li> <li>NOTE: In Setup mode, it is possible to set the notch distance using a values range from 0mm to 39m The maximum distance accepted is 32mm, so even if values from 33mm to 39mm are inserted, t distance remains 32mm.</li> </ul>						
CURRENT	Setting of the current consumption:						
	Low High Normal <sup>D</sup>						
PRINT DENSITY	Adjusting the printing density:						
	-50% -12% +25% -37% 0 <sup>D</sup> +37% -25% +12% +50%						

# 5.5 Hexadecimal dump

This function is used to diagnose the characters received through the communication port; the characters are printed out both as hexadecimal codes and ASCII codes.

Once the self-test routine has finished, the printer enters Hexadecimal Dump mode. The printer remains in standby until a key is pressed or characters are received through the communication port. For example, in the 200 dpi model, for every 8 characters received, the hexadecimal and corresponding ASCII codes are printed out (if the characters are underlined, the receive buffer is full).

Shown below is an example of a Hexadecimal Dump:

	ш	=~	· ^ I	ר			1 / 1	
		-^	A		0	IIV	IAL	DOIVIP
31	32	33	34	35	36	37	38	12345678
39	30	31	32	33	34	35	36	90123456
37	38	39	75	69	73	64	66	789uisdf
68	6B	бA	73	64	68	66	68	hkjsdhfh
73	64	66	бB	бA	68	73	64	sdfkjhsd
66	73	64	66	бB	68	бA	77	fsdfkhjw
65	69	бF	79	75	77	71	65	eioyuwqe
бF	72	69	75	77	65	72	69	oriuweri
бF	75	77	65	72	69	бF	75	ouweriou
77	65	72	69	бF	75	77	65	weriouwe
72	69	бF	75	77	65	72	68	riouwerh
бB	6C	73	64	66	68	бB	73	klsdfhks
64	66	бB	73	64	66	68	бA	dfksdfhj
73	64	66	бB	бA	F2	73	64	sdfkj≥sd
66	6B	F2	бA	73	68	64	66	fk≥jshdf
бA	бB	6C	68					jklh


# 6 MAINTENANCE

## 6.1 Planning of cleaning operations

The regular cleaning of the device keeps the print quality and extends its life. The following table shows the recommended planning for the cleaning operations.

EVERY ROLL CHANGE	
Printing head	Use isopropyl alcohol
Rollers	Use isopropyl alcohol
EVERY 5 ROLL CHANGES	
Cutter	Use compressed air
Paper path	Use compressed air or tweezers
Sensors	Use compressed air
EVERY 6 MONTHS OR AS NEEDED	
Printer case	Use compressed air or a soft cloth

For specific procedures, see the following pages.

NOTE:

If you use the device in dusty environments, you must reduce the intervals between the cleaning operations.

# 6.2 Cleaning

For periodic cleaning of the printer, see the instructions below.













## 6. MAINTENANCE













### 6.3 Upgrade firmware

WARNING: During communication between PC/ printer for the firmware update it is strictly forbidden to disconnect the communication cable or to remove the power supply of the devices not to endanger the proper functioning of the printer.

**Note:** Install on the PC used for printer upgrading the UPGCEPRN software available in the download area of the web site www.custom.biz.

#### UPDATE VIA SERIAL INTERFACE

Proceed as follows:

- 1. Write down the product code (14 digits) printed on the product label (see par. 2.2).
- Go to the web site www.custom.biz and download the appropriate firmware release from the DOWNLOAD area.
- 3. Print the SETUP report (see chapter 5).
- 4. Switch OFF the printer.
- 5. Connect the printer to the PC using a USB cable or a serial cable (see paragraph 3.3).
- 6. Switch ON the printer.
- 7. Start the software UPGCEPRN.
- 8. Select the update file .PSW location :

Ø	Firmware rel.: Hardware rel.: PSW Version : File [*.cfg]:	None None None None	Printer type: Selected port.:	None None
F	file (*.psw):			
Dat	Select &		Begin upg	rade
Upgra	de status:		Port config:	
No up	ograde thread active	9	Communication po	rt not init

9. Select the serial communication port (ex. COM1):

5	elect the system com	munication port 🛛 🗶	
Ö	Avaible port	Cancel Selected port CDM1	
	psw): (P80II-EE.PSW	'	
	Select (*.psw)	Begin upgrade	
Data flusi	h status		
Upgrade sta	atus:	Port config:	_
Ready to st	tart.	Communication port not init	

- 10. Detecting and setting of the parameters necessary for serial communication are performed automatically and then updating begins.
- 11. After a few minutes a message on the screen warns that the update is completed.

Upgrade	ок	×
1	Upgrade succesfully complet	ed.
	ОК	

12. Print a new SETUP report to verify the new firmware release (see chapter 5).



#### UPDATE VIA USB INTERFACE

ATTENTION: Only during the firmware update, the connection between PC and printer must be direct, without the use of wireless HUB.

ATTENTION: Only during the firmware update, do not connect or disconnect other USB devices.

**NOTE:** For communication via USB you must install on PC the printer driver available in the download area of the web site www.custom.biz.

Proceed as follows:

- 1. Write down the product code (14 digits) printed on the product label (see par. 2.2).
- Go to the web site www.custom.biz and download the appropriate firmware release from the DOWNLOAD area.
- 3. Print the SETUP report (see chapter 5).
- 4. Switch OFF the printer.
- 5. Connect the printer to the PC using a USB cable or a serial cable (see paragraph 3.3).
- 6. Switch ON the printer.
- 7. Start the software UPGCEPRN.
- 8. Select the update file .PSW location :

0	Firmware rel.: Hardware rel.: PSW Version : File [*.cfg]: File (*.psw):	None None None None	Printer type: Selected port.:	None None
Dal	Select & r		Begin upg	rade
Upgra No up	de status: ograde thread active	ž	Port config:	rt not init

9. Select item USB and then select the USB device among those proposed (ex. VKP80II-EE):

Select Printer	×
Custom VKP80II-EE CUSTOM VKP80II CUSTOM VKP80II Custom MYPiniter Custom KPM216H (200dp	
Selected Printer Custom VKP80II-EE Port filtering USB	OK Cancel
Avaible port	OK Cancel Selected port
C:\VKP80II-EE.PSW	Begin upgrade
Upgrade status: Ready to start.	Port config: Communication port not init

10. After a few minutes a message on the screen warns that the update is completed.



11. Print a new SETUP report to verify the new firmware release (see chapter 5).







# 7 SPECIFICATIONS

# 7.1 Hardware specifications

GENERAL	
Sensors	Printing head temperature, notch presence, paper presence, paper presence on output, printing unit open, (near paper end on external paper roll holder optional)
Emulations	ESC/POS™
INTERFACES	
RS232 serial connector	from 1200 to 115200 bps
USB connector	12 Mbit/sec
ETHERNET connector	10 Mbit/sec
MEMORIES	
Flash memory	384 Kbytes
Receive buffer	24 Kbytes
PRINTER	
Resolution	203 DPI (8 dot/mm)
Printing method	thermal, fixed head
Printing mode	normal, 90°, 180°, 270°
Printing format	height/width from 1 to 8, bold, reverse, underlined, italic
Character fonts	PC437, PC850, PC860, PC863, PC865, PC858 (euro)
Printing speed	High quality = 80 mm/sec Normal = 180 mm/sec High speed = 220 mm/sec
PAPER	
Type of paper	Thermal rolls, thermal side on outside of roll
Recommended types of paper (1)	from 55 g/m <sup>2</sup> to 110 g/m <sup>2</sup> (KANZAN)
Paper width (2)	from 60 mm to 82,5 mm
External roll diameter	max 180mm <sup>(4)</sup> upper fixing : max 150mm <sup>(5)</sup> rear or lower fixing : max 180mm <sup>(5)</sup>
Internal roll core diameter	25 mm
Core type	Cardboard or plastic



24 Vdc ±10% (optional external power supply)
1 A
0,04 A
000003 (OPTIONAL)
from 100Vac to 240Vac
from 50Hz to 60Hz
24 Vdc ± 10%
60 W
from -20°C to +70°C ±10%
from 10% Rh to 80% Rh
from -20 °C to +70 °C
from 10% Rh to 90% Rh

### NOTES:

<sup>(1)</sup>: For paper from 90 g/m<sup>2</sup> to 110 g/m<sup>2</sup> enable the dispenser continuous mode with command (\$1D \$65, see Command Reference).

 $^{(2)}$ : For ticket width = 60mm do not exceed a max length of 250mm.

<sup>(3)</sup>: It's better to use an external shock absorber for rolls with a diameter higher than or equal to 100mm.

<sup>(4)</sup> : Referred to model with paper holder support.

<sup>(5)</sup> : Referred to model without paper holder support.

<sup>(6)</sup>: Referred to "Normal" value for "Current" parameter (see Printer Setup).

<sup>(7)</sup>: Referred to a standard CUSTOM receipt (L = 10cm, Density = 12,5% dots on).



# 7.2 Character specifications

ESC/POS™ EMULATION			
Character density	11 cpi	15 cpi	20 cpi
Number of columns	88	123	160
Printing speed			
Chars / sec	1760	2460	3200
Lines / sec	20	20	20
Characters (L x H mm)			
Normal	2,25 x 3	1,625 x 3	1,25 x 3

# 7.3 Ejector specifications

EJECTOR		
	Ticket length	Ticket presentation
"Dotrocting" function	70 mm	10 mm
Reliacing function	80 mm	10 mm - 30 mm
	80 mm - 220 mm	10 mm - 30 mm
	Ticket length	Ticket presentation
"Eighting" function	60 mm	10 mm
Ejecting function	> 80mm	10 mm - 30 mm
	350 mm <sup>(1)</sup>	10 mm - 30 mm

#### NOTE:

<sup>(1)</sup>: Maximum length recommended to guarantee the printer efficiency.



# 7.4 Printer dimensions

Length	(with printing group closed) 154 mm (with printing group open) 183 mm
Height	(with printing group closed) 121,2 mm (with printing group open) 165,7 mm
Width	123,5 mm
Weight	1600 g



NOTE: Referred to printer models without paper roll holder optional.

# 7.5 Power supply dimensions cod.963GE02000003 (optional)





# 7.6 Paper specifications

The notch must be positioned on the non-thermal side of the paper as shown in the following figures, showing some example of paper with alignment notch depending on the paper width.

#### NOTCH ON 60mm PAPER



#### NOTCH ON 75mm PAPER



#### NOTCH ON 80mm PAPER



NOTCH ON 82,5mm PAPER





## 7.7 Western character

The printer has 3 fonts of varying width (11, 15 and 20 cpi) which may be accessed through programming or control characters.

Each of these fonts offers the following code tables: PC437, PC850, PC860, PC863, PC865, PC858.

1			<u> </u>	· · · · ·	· · · · · ·		r				-					
Char	SP	!	"	#	\$	%	&	6	(	)	*	+	,	-		1
Hex	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
Dec	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Char	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
Hex	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
Dec	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	@	Α	В	С	D	E	F	G	н	Ι	J	κ	L	Μ	Ν	0
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
Dec	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Char	Р	Q	R	S	Т	U	V	W	Х	Υ	Ζ	1	\	1	۸	
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char	`	а	b	с	d	е	f	a	h	i	i	k	I	m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	р	q	r	s	t	u	v	w	х	v	z	{		}	~	Δ
Hex	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	Ç	ü	é	â	ä	à	å	Ç	ê	ë	è	ï	î	ì	Ä	Å
Hex	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
Dec	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
Char	É	æ	Æ	Ô	ö	ò	û	ù	ÿ	Ö	Ü	¢	£	¥	Pts	f
Char Hex	<b>É</b> 0090	<b>æ</b> 0091	<b>Æ</b> 0092	<b>Ô</b> 0093	<b>Ö</b> 0094	<b>Ò</b> 0095	<b>û</b> 0096	<b>ù</b> 0097	<b>ÿ</b> 0098	<b>Ö</b> 0099	<b>Ü</b> 009A	<b>¢</b> 009B	<b>£</b> 009C	<b>¥</b> 009D	<b>Pts</b> 009E	<b>f</b> 009F
Char Hex Dec	<b>É</b> 0090 144	<b>æ</b> 0091 145	<b>Æ</b> 0092 146	<b>Ô</b> 0093 147	<b>Ö</b> 0094 148	<b>Ò</b> 0095 149	<b>û</b> 0096 150	<b>ù</b> 0097 151	<b>ÿ</b> 0098 152	<b>Ö</b> 0099 153	<b>Ü</b> 009A 154	<b>¢</b> 009B 155	<b>£</b> 009C 156	¥ 009D 157	<b>Pts</b> 009E 158	<b>f</b> 009F 159
Char Hex Dec Char	É 0090 144 á	<b>æ</b> 0091 145 <b>Í</b>	<b>Æ</b> 0092 146 <b>Ó</b>	<b>ô</b> 0093 147 <b>Ú</b>	Ö 0094 148 Ñ	<b>Ò</b> 0095 149 <b>Ñ</b>	û 0096 150 <b>a</b>	<b>Ù</b> 0097 151 <b>0</b>	<b>ў</b> 0098 152 <b>с</b>	Ö 0099 153	Ü 009A 154 <b>¬</b>	¢ 009B 155 <b>1⁄2</b>	<b>£</b> 009C 156 <b>1⁄4</b>	¥ 009D 157	Pts 009E 158 <b>«</b>	<b>f</b> 009F 159 <b>》</b>
Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0	<b>22</b> 0091 145 <b>Í</b> 00A1	<b>Æ</b> 0092 146 <b>Ó</b> 00A2	<b>Ô</b> 0093 147 <b>Ú</b> 00A3	Ö 0094 148 <b>Ñ</b> 00A4	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5	<b>û</b> 0096 150 <b>a</b> 00A6	<b>Ù</b> 0097 151 <b>0</b> 00A7	<b>ÿ</b> 0098 152 <b>ċ</b> 00A8	Ö 0099 153 <b>F</b> 00A9	Ü 009A 154 <b>-</b> 00AA	¢ 009B 155 1⁄2 00AB	<b>£</b> 009C 156 <b>1⁄4</b> 00AC	¥ 009D 157 i 00AD	Pts 009E 158 <b>«</b> 00AE	<b>f</b> 009F 159 <b>»</b> 00AF
Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160	88 0091 145 <b>Í</b> 00A1 161	Æ           0092           146           Ó           00A2           162	<b>Ô</b> 0093 147 <b>Ú</b> 00A3 163	<b>Ö</b> 0094 148 <b>Ñ</b> 00A4 164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165	<b>Û</b> 0096 150 <b>a</b> 00A6 166	<b>Ù</b> 0097 151 <b>0</b> 00A7 167	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168	Ö 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>~</b> 00AA 170	¢ 009B 155 1⁄2 00AB 171	<b>£</b> 009C 156 <b>1/4</b> 00AC 172	¥ 009D 157 i 00AD 173	Pts 009E 158 « 00AE 174	<b>f</b> 009F 159 <b>»</b> 00AF 175
Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160	0091 145 <b>Í</b> 00A1 161	Æ           0092           146           Ó           00A2           162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	Ö 0094 148 Ñ 00A4 164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165 <b>=</b>	<b>û</b> 0096 150 <b>a</b> 00A6 166 <b>-</b>	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>T</b>	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168 <b>T</b>	Ö 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>¬</b> 00AA 170	¢ 009B 155 1⁄2 00AB 171	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>_</b>	¥ 009D 157 i 00AD 173 IJ	Pts 009E 158 « 00AE 174	<b>f</b> 009F 159 <b>&gt;</b> 00AF 175
Char Hex Dec Char Hex Dec Char Hex	É 0090 144 á 00A0 160 00B0	<b>28</b> 0091 145 <b>Í</b> 00A1 161 00B1	Æ           0092           146           Ó           00A2           162           ∭           00B2	Ô           0093           147           Ú           00A3           163           00B3	Ö           0094           148           Ñ           00A4           164	Ò     0095     149     Ñ     00A5     165     =     00B5	Û     0096     150     a     00A6     166     -     □     00B6	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>T</b> 00B7	ÿ 0098 152 2 00A8 168 <b>7</b> 00B8	Ö 0099 153 <b>F</b> 00A9 169 169 <b>-</b> 00B9	Ü 009A 154 <b>¬</b> 00AA 170 UBA	¢ 009B 155 1⁄2 00AB 171 <b>T</b> 00BB	<b>£</b> 009C 156 <b>1⁄4</b> 00AC 172 <b>_</b> ] 00BC	¥ 009D 157 i 00AD 173 JJ 00BD	Pts 009E 158 « 00AE 174 J 00BE	<b>f</b> 009F 159 <b>&gt;</b> 00AF 175 <b>T</b> 00BF
Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 00B0 176	<b>22</b> 0091 145 <b>Í</b> 00A1 161 00B1 177	Æ           0092           146           Ó           00A2           162           ﷺ           00B2           178	ô           0093           147           Ú           00A3           163           00B3           179	Ö           0094           148           Ñ           00A4           164           -           00B4           180	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>₹</li> <li>00B5</li> <li>181</li> </ul>	<b>Û</b> 0096     150 <b>a</b> 00A6     166 <b>↓</b> 00B6     182	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>1</b> 00B7 183	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168 <b>7</b> 00B8 184	Ö 0099 153 <b>F</b> 00A9 169 <b>-</b> 00B9 185	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186	¢ 009B 155 1⁄2 00AB 171 <b>T</b> 00BB 187	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>J</b> 00BC 188	¥ 009D 157 i 00AD 173 JJ 00BD 189	Pts 009E 158 <b>«</b> 00AE 174 J 00BE 190	<b>f</b> 009F 159 <b>&gt;</b> 00AF 175 <b>7</b> 00BF 191
Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160 00B0 176 L	<b>88</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b>	Æ           0092           146           Ó           00A2           162           00B2           178           T	ô           0093           147           Ú           00A3           163           00B3           179           -	Ö           0094           148           Ñ           00A4           164           -           00B4           180	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> </ul>	<b>Û</b> 0096     150 <b>a</b> 00A6     166 <b>↓</b> 00B6     182 <b>↓</b>	Ù 0097 151 0 00A7 167 ■ 00B7 183 ■	ў 0098 152 <b>с</b> 00А8 168 <b>7</b> 00B8 184 L	Ö 0099 153 <b>F</b> 00A9 169 169 169 185	Ü 009A 154 <b>~</b> 00AA 170 <b>—</b> 00BA 186 <b>—</b> <b><u>–</u></b>	¢ 009B 155 1⁄2 00AB 171	£ 009C 156 1⁄4 00AC 172 1/1 00BC 188 188	¥ 009D 157 i 00AD 173 IJ 00BD 189	Pts 009E 158 ≪ 00AE 174 J 00BE 190 L	f         009F         159         >         00AF         175         ¬         00BF         191         ⊥
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 177 L 00B1	Æ         0092           146         Ó           00A2         162           162	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>−</li> <li>00B3</li> <li>179</li> <li>−</li> <li>−</li> <li>00C3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li></li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> </ul>	Û     0096     150     a     00A6     166     ↓     00B6     182     ↓     00C6	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>山</b> 00C7	ÿ 0098 152 2 00A8 168 ₹ 00B8 184 L L 00C8	Ö 0099 153 <b>Γ</b> 00A9 169 <del>1</del> 00B9 185 <b>Γ</b> 00C9	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 <b>⊥</b> 00CA	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB	€ 009C 156 1/4 00AC 172 IJ 00BC 188 188 □ [ [ 00CC	¥ 009D 157 i 00AD 173 J U 00BD 189 = 00CD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ ↓ 00CE	f         009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192	<b>æ</b> 0091 145 <b>í</b> 00A1 161 161 177 <b>L</b> 00C1 193	Æ           0092           146           Ó           00A2           162           ∭           00B2           178           T           00C2           194	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> </ul>	Û     0096     150     a     00A6     166     ↓     00B6     182     ↓     00C6     198	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>山</b> 00C7 199	ÿ 0098 152 2 00A8 168 ₹ 00B8 184 L 00C8 200	Ö 0099 153 <b>F</b> 00A9 169 <b>↓</b> 169 <b>↓</b> 00B9 185 <b>↓</b> 00C9 201	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 ⅡL 00CA 202	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203	£ 009C 156 1⁄4 00AC 172 Ⅰ Ⅱ 00BC 188 188 00CC 204	¥ 009D 157 i 00AD 173 JJ 00BD 189 00CD 205	Pts 009E 158 ≪ 00AE 174 J 00BE 190 190 190 206	f         009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF         207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Char	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 JL	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 1777 <b>L</b> 00C1 193 <b>T</b>	Æ           0092           146           Ó           00A2           162           ∭           00B2           178           T           00C2           194           T	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> <li>↓</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> </ul>	Û     0096     150     a     00A6     166     -     □     00B6     182     ⊨     00C6     198     □	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>山</b> 00C7 199 <b>山</b>	ÿ 0098 152 2 00A8 168 7 00B8 184 L 00C8 200 =	Ö 0099 153 <b>F</b> 00A9 169 <b>Ⅰ</b> 169 <b>Ⅰ</b> 185 185 185 00C9 201 <b>⅃</b>	Ü 009A 154 ¬ 00AA 170 Ш 00BA 186 <u></u> <u></u> <u></u> 00CA 202 Γ	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> F 00CB 203	£ 009C 156 1⁄4 00AC 172 1 1 00BC 188 188 00CC 204	¥ 009D 157 i 00AD 173 JJ 00BD 189 00CD 205	Pts         009E         158         ≪         00AE         174         J         00BE         190         LF         00CE         206	<b>f</b> 009F         159         >         00AF         175         ¬         00BF         191 <b>⊥</b> 00CF         207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>L</b> 00C0	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 177 <b>L</b> 00C1 193 <b>T</b> 00D1	Æ           0092           146           Ó           00A2           162           Image: Comparison of the system           00B2           178           T           00C2           194           T           00D2	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> <li>↓</li> <li>00D3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           E           00D4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> </ul>	Û     0096     150     a     00A6     166     ↓     00B6     182     ↓     00C6     198     仄     00D6	<b>Ù</b> 0097     151 <b>o</b> 00A7     167 <b>ヿ</b> 00B7     183 <b>叶</b> 00C7     199 <b>十</b> 00D7	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 止 00C8 200 ╪ 00D8	Ö 0099 153 <b>Γ</b> 00A9 169 <b>↓</b> 00B9 185 <b>Γ</b> 00C9 201 <b>↓</b> 00D9	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 Ⅱ Ⅱ 00CA 202 <b>Г</b> 00DA	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB 203 00DB	£ 009C 156 1/4 00AC 172 J 00BC 188 L F 00CC 204 00DC	¥ 009D 157 i 00AD 173 J 00BD 189 00CD 205 00DD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE	<b>f</b> 009F         159         >         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207 <b>■</b> 00DF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 160 176 L 00B0 192 192 192 208	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 161 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209	Æ           0092           146           Ó           00A2           162           Image: Comparison of the system           00B2           178           T           00C2           194           T           00D2           210	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li> </li> <li>00B3</li> <li>179</li> <li> </li> <li>00C3</li> <li>195</li> <li> </li> <li>U</li> <li>00D3</li> <li>211</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180              00C4           196           L           00D4           212	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> </ul>	Û     0096     150     a     00A6     166     ↓     00B6     182     ↓     00C6     198     ∏     00D6     214	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>山</b> 00C7 199 <b>山</b> 00D7 215	ÿ 0098 152 00A8 168 ₹ 00B8 184 Ш 00C8 200 ₹ 00D8 216	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 <u>Ⅲ</u> 00CA 202 <b>Г</b> 00DA 218	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 00DB 219	£ 009C 156 1/4 00AC 172 J J 00BC 188 00CC 204 00DC 220	¥ 009D 157 i 00AD 173 JJ 00BD 189 00CD 205 00DD 221	Pts 009E 158 ( 00AE 174 J 00BE 190 190 190 206 206 206 202 222	<b>f</b> 009F         159         >         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207 <b>0</b> 00DF         223
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>Щ</li> <li>00D0</li> <li>208</li> <li>α</li> </ul>	<b>88</b> 0091 145 <b>Í</b> 00A1 161 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b>	Æ           0092           146           Ó           00A2           162           Image: Comparison of the system           00B2           178           T           00C2           194           T           00D2           210           Γ	ô         0093         147         Ú         00A3         163         -         00B3         179         -         00C3         195         L         00D3         211 <b>Π</b>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>σ</li> </ul>	Û     0096     150     a     00A6     166     1     1     00B6     182     F     00C6     198     ∏     00D6     214     µ	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>╟</li> <li>00C7</li> <li>199</li> <li>╢</li> <li>00D7</li> <li>215</li> <li>T</li> </ul>	ÿ 0098 152 c 00A8 168 ₹ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 185 185 185 201 201 <b>J</b> 00D9 217 <b>O</b>	Ü 009A 154 ¬ 00AA 170 Ш 00BA 186 <u>JL</u> 00CA 202 Γ 00DA 218 <b>Ω</b>	¢ 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 J 00BC 188 00BC 204 00DC 220 00DC 220	¥ 009D 157 i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221 00DD 221	Pts         009E         158         ∞         00AE         174         J         00BE         190         ↓         00CE         206         00DE         222         ξ	<b>f</b> 009F         159         >         00AF         175         ¬         00BF         191 <b>⊥</b> 00CF         207         ■         00DF         223         ∩
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É           0090           144           á           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           α           00E0	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 00B1 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b> 00E1	Æ         0092         146         Ó         00A2         162         Image: Comparison of the system of the	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>0003</li> <li>195</li> <li>↓</li> <li>00D3</li> <li>211</li> <li>π</li> <li>00E3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li></li> <li>00B5</li> <li>181</li> <li></li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>00E5</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>00C6</li> <li>198</li> <li>↓</li> <li>00D6</li> <li>214</li> <li>↓</li> <li>00E6</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>→</li> <li>00C7</li> <li>199</li> <li>→</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> </ul>	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 L 00C8 200 ↓ 00D8 216 Φ 00E8	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>⊙</b> 00E9	Ü 009A 154 <b>Γ</b> 00AA 170 <b>Π</b> 00BA 186 <b><u>JL</u> 00CA 202 Γ 00DA 218 <b>Ω</b> 00EA</b>	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 00DB 219 <b>5</b> 00EB	£ 009C 156 1/4 00AC 172 J 00BC 188 ↓ F 00CC 204 00DC 220 ∞ 00EC	¥ 009D 157 i 00AD 173 J U 00BD 189 00CD 205 205 00DD 221 00DD 221 <b>♀</b>	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 ↓ 206 206 202 202 222 222 8 00EE 222	<b>f</b> 009F         159         >         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207 <b>●</b> 00DF         223 <b>∩</b> 00EF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É           0090           144           á           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           Q           00E0           224	<b>æ</b> 0091         145 <b>í</b> 00A1         161	Æ         0092         146         Ó         00A2         162         Image: Comparison of the system of the	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li> </li> <li>00B3</li> <li>179</li> <li> </li> <li>00C3</li> <li>195</li> <li> </li> <li>00D3</li> <li>211</li> <li>π</li> <li>00E3</li> <li>227</li> </ul>	Ö         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         L         00D4         212         Σ         00E4         228	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>E</li> <li>229</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>▶</li> <li>00C6</li> <li>198</li> <li>₱</li> <li>00D6</li> <li>214</li> <li>µ</li> <li>00E6</li> <li>230</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>╟</li> <li>00C7</li> <li>199</li> <li>╟</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> <li>231</li> </ul>	ÿ 0098 152 2 00A8 168 ¬ 00B8 184 L 00C8 200 ↓ 00D8 216 Φ 00E8 232	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 00E9 233	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 Ⅱ Ⅱ 00CA 202 <b>Г</b> 00DA 218 <b>Ω</b> 00EA 234	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 <b>0</b> 203 <b>0</b> 00DB 219 <b>5</b> 00EB 235	£ 009C 156 1/4 00AC 172 J J 00BC 188 00CC 204 00DC 220 00DC 220 00EC 236	¥ 009D 157 i 00AD 173 JJ 00BD 189 00CD 205 00CD 205 00DD 221 00DD 221	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ ↓ 00CE 206 00DE 222 € 00EE 238	<b>f</b> 009F         159         >         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207 <b>0</b> 00DF         223 <b>∩</b> 00EF         239
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	É           0090           144           á           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           Q           00E0           224           Ξ	<b>28</b> 0091         145 <b>í</b> 00A1         161         1161         1161         1177         L         00001         193 <b>T</b> 00001         209 <b>ß</b> 000E1         225         ±	Æ         0092         146         Ó         00A2         162         Image: Constraint of the second secon	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>163</li> <li>163</li> <li>179</li> <li>⊢</li> <li>00B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>□</li> <li>□<td>Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4           228           [</td><td><ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>00E5</li> <li>229</li> <li>J</li> </ul></td><td><ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>0006</li> <li>198</li> <li>↓</li> <li>0006</li> <li>214</li> <li>↓</li> <li>00E6</li> <li>230</li> <li>÷</li> </ul></td><td><ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>□</li> <li>□</li> <li>0007</li> <li>189</li> <li>□</li> <li>□&lt;</li></ul></td><td>ÿ 0098 152 2 00A8 168 7 00B8 184 Ш 00C8 200 ‡ 00D8 216 Φ 00E8 232 ◦</td><td>Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 217 <b>O</b> 00E9 233 <b>·</b></td><td>Ü 009A 154 <b>¬</b> 00AA 170</td><td>¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB 203 00DB 219 <b>δ</b> 00EB 235 √</td><td>£ 009C 156 1/4 00AC 172 J 00BC 188 00CC 204 00DC 220 00DC 220 00DC 220 00EC 236 <b>n</b></td><td>¥ 009D 157 i 00AD 173 J 00BD 189 00CD 205 00CD 221 00DD 221 00DD 221 221 237 2</td><td>Pts         009E         158         00AE         174         J         00BE         190        </td><td><b>f</b>         009F         159         &gt;         00AF         175         <b>7</b>         00BF         191         <b>⊥</b>         00CF         207         ■         00DF         223         O         00EF         239         NBSP</td></li></ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4           228           [	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>00E5</li> <li>229</li> <li>J</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>0006</li> <li>198</li> <li>↓</li> <li>0006</li> <li>214</li> <li>↓</li> <li>00E6</li> <li>230</li> <li>÷</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>□</li> <li>□</li> <li>0007</li> <li>189</li> <li>□</li> <li>□&lt;</li></ul>	ÿ 0098 152 2 00A8 168 7 00B8 184 Ш 00C8 200 ‡ 00D8 216 Φ 00E8 232 ◦	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 217 <b>O</b> 00E9 233 <b>·</b>	Ü 009A 154 <b>¬</b> 00AA 170	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB 203 00DB 219 <b>δ</b> 00EB 235 √	£ 009C 156 1/4 00AC 172 J 00BC 188 00CC 204 00DC 220 00DC 220 00DC 220 00EC 236 <b>n</b>	¥ 009D 157 i 00AD 173 J 00BD 189 00CD 205 00CD 221 00DD 221 00DD 221 221 237 2	Pts         009E         158         00AE         174         J         00BE         190	<b>f</b> 009F         159         >         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207         ■         00DF         223         O         00EF         239         NBSP
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É           0090           144           á           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           α           00E0           224           Ξ           00F0	<b>28</b> 0091         145 <b>í</b> 00A1         161         00B1         1777 <b>L</b> 00C1         193 <b>T</b> 00D1         209 <b>ß</b> 00E1         2255         ±         00F1	Æ         0092         146         Ó         00A2         162         Image: Comparison of the system of the	ô         0093         147         Ú         00A3         163         ↓         00B3         179         ↓         00C3         195         ↓         00D3         211 <b>T</b> 00E3         227         ≤         00F3	Ö         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         E         00D4         212         Σ         00E4         228         ∫         00F4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>5</li> <li>229</li> <li></li> <li>00F5</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>00C6</li> <li>198</li> <li>↓</li> <li>00D6</li> <li>214</li> <li>↓</li> <li>00E6</li> <li>230</li> <li>÷</li> <li>00F6</li> </ul>	Ù     0097     151     0     00A7     167     1     00B7     183     H     00C7     199     H     00D7     215     T     00E7     231     ≈     00F7	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ 00E8 232 • 00F8	Ö 0099 153 <b>Γ</b> 00A9 169 <b>1</b> 185 <b>Γ</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 217 <b>O</b> 233 <b>·</b> 00F9	Ü 009A 154 <b>Γ</b> 00AA 170 <b>Ш</b> 00BA 186 <b><u>JL</u> 00CA 202 <b>Γ</b> 00DA 218 <b>Ω</b> 00EA 234 <b>·</b> 00FA</b>	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 <b>0</b> 00DB 219 <b>5</b> 00EB 235 √ 00FB	£ 009C 156 1/4 00AC 172 J 00BC 188 □ C 204 00CC 204 00DC 220 00DC 220 00EC 220 00EC 220 00EC 236 n 00EC	¥ 009D 157 i 00AD 173 J 00BD 189 00CD 205 00DD 221 00DD 221 00DD 221 221 00ED 237 2 00FD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE 222 222 € 00EE 238 ■ 00FE	f         009F         159         00AF         175         7         00BF         191 <b>⊥</b> 00CF         207         ■         00DF         223         00EF         239         NBSP         00FF

#### PC437 CODE TABLE (Usa, Standard Europe)



PC850 CO	DE TABLE	(Multilingual)
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Char	CD	1	"	#	¢	0/	8	6	(	)	*	-				1
Chai	JF	1		#	Ψ	/0	CX	0007	(	)		T	,	-	•	1
Hex	22	22	24	25	26	27	20	20	40	0029	002A	002B	0020	002D	002E	002F
Chor	32 0	33	34 0	35 2	30	57	 6	- 39 - <b>7</b>	40 O	41	42	43	44	40	40	4/ 2
Ulay	0020	0021	<b>∠</b>	<b>J</b>	4	<b>5</b>	0026	00027	0020	3	•	<b>,</b>	0020	-	0025	<b>f</b>
Пех	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	<sup>∓0</sup>	43	D		52 D		54		- 50 - LI	57			00		N	00
Char	@	A	D		D		F	G	п	•	J	n	L	IVI	IN	U
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F 70
Dec	04 D	00	00	07	- 00 	69	70		12	73	74	75	/0		/0	79
Char	Р	Q	R	5		U	V	vv	X	Y	2			1	~	-
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char		а	b	С	d	е	T	g	h	I	J	K		m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	р	q	r	S	t	u	V	W	X	У	Z	{		}	~	Δ
Hex	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	Ç	ü	é	â	ä	à	å	Ç	ê	ë	è	Ï	Î	Ì	Â	Å
Hex	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
Dec	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
Char	É	20	Æ	Ô	ö	ò	ÛÛ	ù	ÿ	Ö	Ü	ø	£	Ø	x	f
Onai		æ		U U	Ŭ	U V		ũ	3	-	-		~	~		
Hex	0090	0091	0092	0093	0094	0095	0096	0097	<b>y</b> 0098	0099	009A	009B	009C	009D	009E	009F
Hex Dec	0090 144	0091 145	0092 146	0093 147	0094 148	0095 149	0096 150	0097 151	0098 152	0099 153	009A 154	009B 155	009C 156	009D 157	009E 158	009F 159
Hex Dec Char	L 0090 144 <b>á</b>	0091 145 Í	0092 146 Ó	0093 147 Ú	0094 148 <b>Ñ</b>	0095 149 <b>Ñ</b>	0096 150 <b>a</b>	0097 151 <b>0</b>	0098 152	0099 153 <b>R</b>	009A 154	009B 155 <b>1⁄2</b>	009C 156 <b>1⁄4</b>	009D 157	009E 158	009F 159
Hex Dec Char Hex	L 0090 144 <b>á</b> 00A0	0091 145 <b>Í</b> 00A1	0092 146 <b>Ó</b> 00A2	0093 147 <b>Ú</b> 00A3	0094 148 <b>Ñ</b> 00A4	0095 149 <b>Ñ</b> 00A5	0096 150 <b>a</b> 00A6	0097 151 0 00A7	0098 152 <b>č</b> 00A8	0099 153 <b>®</b> 00A9	009A 154 <b>1</b> 00AA	009B 155 <b>1⁄2</b> 00AB	009C 156 <b>1/4</b> 00AC	009D 157 i 00AD	009E 158 <b>«</b> 00AE	009F 159 » 00AF
Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160	0091 145 <b>Í</b> 00A1 161	<ul> <li>A</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> </ul>	0093 147 <b>Ú</b> 00A3 163	0094 148 <b>Ñ</b> 00A4 164	0095 149 <b>Ñ</b> 00A5 165	0096 150 <b>a</b> 00A6 166	0097 151 0 00A7 167	0098 152 <b>č</b> 00A8 168	0099 153 <b>R</b> 00A9 169	009A 154 <b>-</b> 00AA 170	009B 155 <b>1/2</b> 00AB 171	009C 156 <b>1/4</b> 00AC 172	009D 157 i 00AD 173	009E 158 <b>«</b> 00AE 174	009F 159 » 00AF 175
Hex Dec Char Hex Dec Char	L 0090 144 <b>á</b> 00A0 160	0091 145 <b>Í</b> 00A1 161	AL 0092 146 Ó 00A2 162	0093 147 <b>Ú</b> 00A3 163	0094 148 <b>Ñ</b> 00A4 164	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b>	0096 150 <b>a</b> 00A6 166 <b>Â</b>	0097 151 0 00A7 167 <b>À</b>	0098 152 00A8 168 ©	0099 153 <b>®</b> 00A9 169 <b>–</b>	009A 154 <b>-</b> 00AA 170	009B 155 <b>1/2</b> 00AB 171 <b>7</b>	009C 156 <b>1/4</b> 00AC 172	009D 157 i 00AD 173 ¢	009E 158 <b>«</b> 00AE 174 <b>¥</b>	009F 159 <b>&gt;&gt;</b> 00AF 175
Hex Dec Char Hex Dec Char Hex	L 0090 144 <b>Á</b> 00A0 160	0091 145 <b>Í</b> 00A1 161	<ul> <li>AL</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>00B2</li> </ul>	0093 147 Ú 00A3 163 00B3	0094 148 <b>Ñ</b> 00A4 164 	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6	0097 151 0 00A7 167 <b>À</b> 00B7	0098 152 00A8 168 © 00B8	0099 153 <b>®</b> 00A9 169 <b>-</b> 00B9	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA	009B 155 <b>1⁄2</b> 00AB 171 <b>7</b> 00BB	009C 156 1⁄4 00AC 172 1/ 00BC	009D 157 i 00AD 173 ¢ 00BD	009E 158 <b>«</b> 00AE 174 <b>¥</b> 00BE	009F 159 <b>&gt;</b> 00AF 175 <b>7</b> 00BF
Hex Dec Char Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160 00B0 176	60091 145 <b>Í</b> 00A1 161 00B1 177	<ul> <li>A Constraints</li> <li>A Constr</li></ul>	0093 147 <b>Ú</b> 00A3 163 00B3 179	0094 148 <b>Ñ</b> 00A4 164 	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182	0097 151 00A7 167 <b>À</b> 00B7 183	0098 152 00A8 168 00B8 184	0099 153 <b>®</b> 169 169 <b>—</b> 00B9 185	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186	009B 155 <b>1/2</b> 00AB 171 <b>T</b> 00BB 187	009C 156 <b>1/4</b> 00AC 172 <b>J</b> 00BC 188	009D 157 i 00AD 173 ¢ 00BD 189	009E 158 <b>«</b> 00AE 174 <b>¥</b> 00BE 190	009F 159 <b>&gt;&gt;</b> 00AF 175 <b>T</b> 00BF 191
Hex Dec Char Hex Dec Char Hex Dec Char Char	L 0090 144 <b>á</b> 00A0 160 00B0 176 L	60091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b>	AL 0092 146 Ó 00A2 162 00B2 178	0093 147 <b>Ú</b> 00A3 163   00B3 179 	0094 148 <b>Ñ</b> 00A4 164 	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 +	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b>	0097 151 000A7 167 <b>À</b> 00B7 183 <b>Ã</b>	0098 152 00A8 168 © 00B8 184 L	0099 153 <b>®</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b>	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b><u>1</u><u>L</u></b>	009B 155 <b>1/2</b> 00AB 171 <b>T</b> 00BB 187 <b>T</b>	009C 156 1/4 00AC 172 J 00BC 188	009D 157 i 00AD 173 ¢ 00BD 189 =	009E 158 <b>≪</b> 00AE 174 ¥ 00BE 190 ↓↓	009F 159 ) 00AF 175 7 00BF 191 <b>2</b>
Hex Dec Char Hex Dec Char Hex Dec Char Hex Hex	L 0090 144 <b>á</b> 00A0 160 160 176 L 00B0	60091 145 <b>Í</b> 00A1 161 00B1 177 <b>L</b> 00C1	AL 0092 146 Ó 00A2 162 00B2 178 T 00C2	0093 147 Ú 00A3 163   00B3 179   00C3	0094 148 <b>Ñ</b> 00A4 164 	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6	0097 151 0 00A7 167 Å 00B7 183 <b>Ã</b> 00C7	0098 152 00A8 168 00B8 184 184 LL 00C8	0099 153 (R) 00A9 169 	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b><u>1</u>L 00CA</b>	009B 155 <b>1/2</b> 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB	009C 156 1/4 00AC 172 1 1 00BC 188 188 1 <b> </b> <b> </b> <b> </b> <b> </b> <b> </b> <b> </b> <b> </b> <b> </b> <b> </b> <b> </b>	009D 157 i 00AD 173 ¢ 00BD 189 = 00CD	009E 158 <b>≪</b> 00AE 174 ¥ 00BE 190 190 <b>⊥</b> <b>⊢</b> 00CE	009F 159 >> 00AF 175 7 00BF 191 191 191 191 100CF
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192	60091 145 <b>Í</b> 00A1 161 161 177 177 177 177 193	<ul> <li>∧ L</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> </ul>	0093 147 <b>Ú</b> 00A3 163   00B3 179   - - 00C3 195	0094 148 <b>Ñ</b> 00A4 164 - - 00B4 180 - 00C4 196	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198	0097 151 0 00A7 167 <b>À</b> 00B7 183 <b>Ã</b> 00C7 199	y 0098 152 00A8 168 00B8 184 184 L 00C8 200	0099 153 <b>®</b> 00A9 169 <b>—</b> 00B9 185 185 <b>—</b> 00C9 201	009A 154 <b>¬</b> 00AA 170 <b>—</b> 00BA 186 <b>_IL</b> 00CA 202	009B 155 <b>1⁄2</b> 00AB 171 <b>T</b> 00BB 187 <b>T</b> <b>T</b> 00CB 203	009C 156 1/4 00AC 172 J 00BC 188 188 188 00CC 204	009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205	009E 158 <b>«</b> 00AE 174 <b>¥</b> 00BE 190 <b>↓</b> <b>↓</b> 00CE 206	009F 159 ) 00AF 175 7 00BF 191 191 191 191 207
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Char	L 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>ð</b>	<b>č</b> 0091 145 <b>í</b> 00A1 161 161 161 177 <b>L</b> 00C1 193 <b>Đ</b>	→ CL 0092 146 Ó 00A2 162 00B2 178 T 00C2 194 Ê	0093 147 Ú 00A3 163 	0094 148 <b>Ñ</b> 00A4 164  00B4 180  00C4 196 <b>È</b>	0095 149 Ñ 00A5 165 Â 00B5 181 + 00C5 197 I	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b>	0097 151 0 00A7 167 Å 00B7 183 <b>Ã</b> 00C7 199 <b>Î</b>	y 0098 152 00A8 168 © 00B8 184 L 00C8 200 Ï	0099 153 <b>®</b> 00A9 169 <b> </b> 00B9 185 <b> </b> 00C9 201 <b> </b> <b> </b>	009A 154 <b>¬</b> 00AA 170 <b>  </b> 00BA 186 <b>  </b> 00CA 202 <b> </b>	009B 155 <b>1⁄2</b> 00AB 171 <b>7</b> 00BB 187 <b>7</b> <b>7</b> 00CB 203	009C 156 1/4 00AC 172 J 00BC 188 188 00CC 204	2 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 ↓	009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ 190 00CE 206 <b>Ì</b>	009F 159 ≫ 00AF 175 7 00BF 191 191 191 207 207
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	L 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>ð</b> 00D0	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1	<b>∧ √</b> 0092 146 <b>ó</b> 00A2 162 00B2 178 <b>↑</b> 00C2 194 <b>Ê</b> 00D2	0093 147 Ú 00A3 163   00B3 179   - 00C3 195 Ë 00D3	0094 148 <b>Ñ</b> 00A4 164  00B4 180  00C4 196 <b>È</b> 00D4	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197 <b>I</b> 00D5	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b> 00D6	0097 151 0 00A7 167 <b>À</b> 00B7 183 <b>Ã</b> 00C7 199 <b>Î</b> 00D7	y 0098 152 00A8 168 € 00B8 184 L 00C8 200 Ï 00D8	0099 153 (R) 00A9 169 169 169 169 185 [F] 00C9 201 J 00D9	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b>1</b> <b>1</b> 00CA 202 <b>Г</b> 00DA	009B 155 1/2 00AB 171 7 00BB 187 7 7 00CB 203 00DB	009C 156 1/4 00AC 172 1 1 00BC 188 1 8 00CC 204	009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD	009E 158 <b>«</b> 00AE 174 <b>¥</b> 00BE 190 <b>↓</b> 00CE 206 <b>Ì</b> 00DE	009F 159 ≫ 00AF 175 7 00BF 191 ¤ 00CF 207 00DF
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>ð</b> 00D0 208	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209	<ul> <li>✓</li> <li>✓</li></ul>	0093 147 <b>Ú</b> 00A3 163   00B3 179   - - 00C3 195 <b>Ë</b> 00D3 211	0094 148 <b>Ñ</b> 00A4 164 - - 00B4 180 - - 00C4 196 <b>È</b> 00D4 212	0095 149 Ñ 00A5 165 Â 00B5 181 + 00C5 197 I 00D5 213	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b> 00D6 214	0097 151 0 00A7 167 <b>À</b> 00B7 183 <b>Ã</b> 00C7 199 <b>Î</b> 00D7 215	y 0098 152 00A8 168 00B8 184 L L 00C8 200 ÿ 00D8 216	0099 153 <b>®</b> 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217	009A 154 <b>¬</b> 00AA 170 <b>—</b> 00BA 186 <b>—</b> <b>—</b> 00CA 202 <b>—</b> 00DA 218	009B 155 <b>1/2</b> 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB 203 00DB 219	009C 156 1/4 00AC 172 J 00BC 188 188 188 188 00CC 204	009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221	009E 158 <b>«</b> 00AE 174 <b>¥</b> 00BE 190 <b>↓</b> <b>↓</b> 206 206 <b>↓</b> 00DE 222	009F 159 ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	L 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>ð</b> 00D0 208 <b>Ó</b>	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 161 161 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209 <b>ß</b>	<ul> <li>✓</li> <li>✓</li></ul>	0093 147 Ú 00A3 163 163 163 163 163 163 163 16	0094 148 <b>Ñ</b> 00A4 164 - 00B4 180 - 00C4 196 <b>È</b> 00D4 212 <b>Õ</b>	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197 <b>I</b> 00D5 213 <b>Õ</b>	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>í</b> 00D6 214 <b>µ</b>	0097 151 0 00A7 167 Å 00B7 183 <b>Ã</b> 00C7 199 <b>Î</b> 00D7 215 <b>þ</b>	y 0098 152 2 00A8 168 00B8 184 00C8 200 Ï 00D8 216 ₽	0099 153 <b>®</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>Ú</b>	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b>1</b> <b>1</b> 00CA 202 <b>7</b> 00DA 218 <b>Û</b>	009B 155 1⁄2 00AB 171	009C 156 1/4 00AC 172 J 00BC 188 ↓ F 00CC 204 00DC 220 ý	2009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221 ý	009E 158 « 00AE 174 ¥ 00BE 190 190 190 206 206 <b>Ì</b> 00DE 222 00DE	009F 159
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>ð</b> 00D0 208 <b>Ó</b> 00E0	<b>C</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209 <b>B</b> 00E1	→ C 0092 146 Ó 00A2 162 00B2 178 T 00C2 194 Ê 00D2 210 Ô 00E2	0093 147 Ú 00A3 163 163 163 163 163 179 <b>È</b> 00D3 211 <b>Ò</b> 00E3	0094 148 <b>Ñ</b> 00A4 164 - 00B4 180 - 00C4 196 <b>È</b> 00D4 212 <b>Õ</b> 00E4	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197 <b>I</b> 00D5 213 <b>Õ</b> 00E5	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b> 00D6 214 <b>µ</b> 00E6	0097 151 0 00A7 167 À 00B7 183 Ã 00C7 199 Î 00D7 215 <b>þ</b> 00E7	J         0098         152         i         00A8         168         ©         00B8         184         L         00C8         200         Ï         00D8         216         P         00E8	0099 153 <b>®</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>Ú</b> 00E9	009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b>1</b> 186 <b>1</b> 00BA 202 <b>Г</b> 00DA 218 <b>Û</b> 00EA	009B 155 1⁄2 00AB 171 7 00BB 187 7 7 7 00CB 203 00DB 219 Ù 00EB	009C 156 1/4 00AC 172 J 00BC 188 H F 00CC 204 00DC 220 ý 00EC	2 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221 Ý 00ED	009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ ↓ 00CE 206 Ì 00DE 222 − 00EE	009F 159 )>> 00AF 175 7 00BF 191 191 191 191 207 207 207 00DF 223 00DF
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	L 0090 144 <b>á</b> 00A0 160 176 L 00B0 192 <b>ð</b> 00D0 208 <b>Ó</b> 00E0 224	<b>2</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209 <b>ß</b> 00E1 225	∧       ∼         0092       146         Ó       00A2         162       ●         00B2       178         T       00C2         194       Ê         00D2       210         Ô       00E2         226       >	0093 147 Ú 00A3 163 163 163 163 163 163 179 <b>È</b> 00D3 211 <b>Ò</b> 00E3 227	0094 148 <b>Ñ</b> 00A4 164 - 00B4 180 - 00C4 196 <b>È</b> 00D4 212 <b>Õ</b> 00E4 228	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 <b>+</b> 00C5 197 <b>I</b> 00D5 213 <b>Õ</b> 00E5 229	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b> 00D6 214 <b>µ</b> 00E6 230	0097 151 0 00A7 167 À 00B7 183 Ã 00C7 199 Î 00D7 215 þ 00E7 231	<ul> <li>y</li> <li>0098</li> <li>152</li> <li>00A8</li> <li>168</li> <li>©</li> <li>00B8</li> <li>184</li> <li>L</li> <li>00C8</li> <li>200</li> <li>Ï</li> <li>00D8</li> <li>216</li> <li>D</li> <li>D</li> <li>E</li> <li>00E8</li> <li>232</li> </ul>	0099 153 <b>®</b> 00A9 169 <b>–</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>Ú</b> 00E9 233	009A 154 <b>¬</b> 00AA 170 <b>  </b> 00BA 186 <b>_ L</b> 00CA 202 <b>F</b> 00DA 218 <b>Û</b> 00EA 234	009B 155 1/2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB 203 00DB 219 <b>Ù</b> 00EB 235	009C 156 1⁄4 00AC 172 J 00BC 188 ⊫F 00CC 204 00DC 220 ý 00EC 236	009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221 ý 00ED 237	009E 158 ( 00AE 174 ¥ 00BE 190 190 206 206 206 206 206 200 00DE 222 222 00EE 238	009F 159 ) ) 00AF 175 ] 00BF 191 ] 191 ] 191 ] 191 ] 207 207 ] 00CF 223 ] 00DF 223 ] 00EF 239
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	L 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>ð</b> 00D0 208 <b>Ó</b> 00E0 224 SHY	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 161 161 177 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209 <b>B</b> 00E1 225 <b>±</b>	<b>∧ ∧ ∧ √</b>	0093 147 Ú 00A3 163 163 163 163 163 163 179 <b>È</b> 00D3 211 <b>Ò</b> 00E3 227 <b>3/4</b>	0094 148 <b>Ñ</b> 00A4 164 - 00B4 180 - 00C4 196 <b>È</b> 00D4 212 <b>Õ</b> 00E4 228 <b>¶</b>	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197 <b>I</b> 00D5 213 <b>Õ</b> 00E5 229 <b>§</b>	0096 150 <b>a</b> 00A6 166 Â 00B6 182 <b>ã</b> 00C6 198 Í 00D6 214 <b>µ</b> 00E6 230 ÷	0097 151 0 00A7 167 À 00B7 183 Ã 00C7 199 Î 00D7 215 Þ 00E7 231	y 0098 152 00A8 168 © 00B8 184 L U 00C8 200 Ï 00D8 216 ₿ 00E8 232 0 0	0099 153 <b>®</b> 00A9 169 <b> </b> 00B9 185 <b> </b> 00C9 201 <b> </b> 00D9 217 <b>Ú</b> 00E9 233 <b>:</b>	009A 154 <b>¬</b> 00AA 170 <b>  </b> 00BA 186 <b>JL</b> 00CA 202 <b>Г</b> 00DA 218 <b>Û</b> 00EA 234 •	009B 155 1⁄2 00AB 171	009C 156 1/4 00AC 172 J 00BC 188 IF 00CC 204 00DC 220 220 ý 00EC 236 3	2009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00CD 221 i 00DD 221 ý 00ED 237 2	009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ 190 ↓ 190 206 206 00DE 222 00DE 222 00EE 238	009F 159 )>> 00AF 175 7 00BF 191 191 191 191 207 207 207 00CF 223 00DF 223 00EF 239 NBSP
Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	L 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>ð</b> 00D0 208 <b>Ó</b> 00E0 224 SHY 00F0	<b>2</b> 0091 145 <b>Í</b> 00A1 161 161 177 <b>⊥</b> 00C1 193 <b>Đ</b> 00D1 209 <b>B</b> 00E1 225 <b>±</b> 00F1	<ul> <li>▶</li> <li>▶</li> <li>↓</li> <li>↓</li></ul>	0093 147 Ú 00A3 163 163 163 163 163 163 179 <b>È</b> 00D3 211 <b>Č</b> 00E3 227 <b>3/4</b> 00F3	0094 148 <b>Ñ</b> 00A4 164 - 00B4 180 - 00C4 196 <b>È</b> 00D4 212 <b>Õ</b> 00E4 228 <b>¶</b> 00F4	0095 149 <b>Ñ</b> 00A5 165 <b>Á</b> 00B5 181 + 00C5 197 <b>I</b> 00D5 213 <b>Õ</b> 00E5 229 <b>§</b> 00F5	0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6 198 <b>Í</b> 00D6 214 <b>µ</b> 00E6 230 ÷ 00F6	0097 151 0 00A7 167 À 00B7 183 Ã 00C7 199 Î 00D7 215 Þ 00E7 231 - 00F7	y 0098 152 2 00A8 168 00B8 184 L 00C8 200 Ï 00D8 216 ₿ 00E8 232 0 00F8	0099 153 <b>®</b> 00A9 169 <b> </b> 00B9 185 <b> </b> <b> </b> 00C9 201 <b>]</b> 00D9 217 <b>Ú</b> 00E9 233 <b>.</b> 00F9	009A 154 <b>¬</b> 00AA 170 <b>  </b> 00BA 186 <b>  </b> 00BA 186 <b>  </b> 00CA 202 <b>Г</b> 00DA 218 <b>Û</b> 00EA 234 •	009B 155 1/2 00AB 171 7 00BB 187 7 7 00CB 203 00DB 219 Ù 00EB 235 1 00FB	009C 156 1/4 00AC 172 J 00BC 188 00BC 204 00DC 220 00DC 220 ý 00EC 236 3 00FC	2 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221 ý 00ED 237 2 00FD	009E 158 ≪ 00AE 174 ¥ 00BE 190 190 ↓ 190 206 206 00CE 222 00EE 222 00EE 238 ■ 00FE	009F 159 )>> 00AF 175 00BF 191 )1 191 191 191 207 207 207 00DF 223 00DF 223 00EF 239 NBSP 00FF

Char	SP	!	"	#	\$	%	&	"	(	)	*	+	,	-		1
Hex	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
Dec	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Char	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
Hex	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
Dec	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	0	Α	В	С	D	Е	F	G	н	1	J	К	L	М	Ν	0
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
Dec	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Char	Р	0	R	S	т	U	V	w	х	Y	7	T		1	۸	
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char	`	а	b	C	b	е	f	a	h	i	i	k		m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	9 0067	0068	0069	006A	006B	006C	006D	006E	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	n	a	r	s	t		v	w	x	v	7	1	1	3	~	$\wedge$
Hex	0070	<b>9</b>	0072	0073	0074	0075	0076	0077	0078	<b>9</b> 0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	C	ü	á	â	ã	à	Á	<b>C</b>	â	Ê	à	í	Ô	ì	Ã	Â
Hev	<b>9</b> 0080	0081	0082	0083	0084	0085	0086	<b>9</b>	0088	0089	0084	008B	0080	008D	008E	008E
Dec	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
Char	É	À	È	â	ä	ò	Ú	ù	ì	Õ	ü	đ	£	Ù	Die	Ó
Нох	0090	0001	0002	0003	0094	0095	0006	0097	0008	0000	0000	<b>₩</b>	<b>~</b>	0000	0005	0005
TICA	0030	0001	0032	147	148	149	150	151	152	153	154	155	156	157	158	159
Dec	144	145	146													
Dec	144 <b>ว</b> ์	145	146	ú	ñ	Ñ	а	0		Ò		1/	1/.		"	
Dec Char	144 <b>á</b>	145 Í	146 Ó	ú	ñ	Ñ	<b>a</b>	0	S	Ò	<b>–</b>	1/2	1/4	i	0045	»»
Dec Char Hex	144 <b>á</b> 00A0	145 <b>Í</b> 00A1	146 <b>Ó</b> 00A2	<b>Ú</b> 00A3	<b>ñ</b> 00A4	<b>Ñ</b> 00A5 165	<b>a</b> 00A6 166	0 00A7 167	<b>č</b> 00A8	<b>Ò</b> 00A9	<b>–</b> 00AA 170	<b>1/2</b> 00AB	<b>1/4</b> 00AC 172	<b>i</b> 00AD 173	00AE	>> 00AF
Dec Char Hex Dec	144 <b>á</b> 00A0 160	145 <b>Í</b> 00A1 161	146 Ó 00A2 162	<b>Ú</b> 00A3 163	<b>ñ</b> 00A4 164	<b>Ñ</b> 00A5 165	<b>a</b> 00A6 166	<b>0</b> 00A7 167	<b>č</b> 00A8 168	<b>Ò</b> 00A9 169	<b>¬</b> 00AA 170 <b>  </b>	<b>1/2</b> 00AB 171	1/4 00AC 172	<b>i</b> 00AD 173	00AE 174	>> 00AF 175
Dec Char Hex Dec Char	144 <b>á</b> 00A0 160	145 <b>Í</b> 00A1 161	146 Ó 00A2 162 00B2	Ú 00A3 163	<b>ñ</b> 00A4 164 -	<b>Ñ</b> 00A5 165 <b>=</b>	a 00A6 166 -	о 00А7 167 П	<b>i</b> 00A8 168 <b>T</b>	<b>Ò</b> 00A9 169	00AA 170	1/2 00AB 171 <b>T</b>	1/4 00AC 172	i 00AD 173 J	00AE 174	>> 00AF 175 <b>7</b>
Dec Char Hex Dec Char Hex	144 <b>á</b> 00A0 160 00B0 176	145 <b>Í</b> 00A1 161 00B1 177	146 Ó 00A2 162 00B2 178	<b>Ú</b> 00A3 163 00B3 179	<b>ñ</b> 00A4 164 <b>–</b> 00B4 180	<b>Ñ</b> 00A5 165 <b>=</b> 00B5 181	a 00A6 166 	<b>o</b> 00A7 167 <b>T</b> 00B7 183	<b>i</b> 00A8 168 <b>T</b> 00B8	<b>Ò</b> 00A9 169 <b>-</b> 00B9 185	<b>9</b> 00AA 170 <b>1</b> 00BA 186	<b>1/2</b> 00AB 171 <b>T</b> 00BB 187	1⁄4 00AC 172 ↓ 00BC	i 00AD 173 J 00BD	00AE 174 <b>_</b> 00BE	>> 00AF 175 <b>7</b> 00BF
Dec Char Hex Dec Char Hex Dec	144 <b>á</b> 00A0 160 00B0 176 I	145 <b>Í</b> 00A1 161 00B1 177 <b>I</b>	146 Ó 00A2 162 00B2 178	Ú 00A3 163 00B3 179	<b>ñ</b> 00A4 164 <b>-</b> 00B4 180	Ñ 00A5 165 <b>=</b> 00B5 181	a 00A6 166 	00A7 167 <b>П</b> 00B7 183	<ul> <li>i</li> <li>i</li></ul>	<b>Ò</b> 00A9 169 <b>-</b> 00B9 185	<ul> <li>00AA</li> <li>170</li> <li>00BA</li> <li>186</li> <li>JL</li> </ul>	<ul> <li>1⁄2</li> <li>00AB</li> <li>171</li> <li>☐</li> <li>00BB</li> <li>187</li> </ul>	1⁄4 00AC 172  00BC 188	i 00AD 173 J 00BD 189	00AE 174 <b>_</b> 00BE 190 <b>_</b> L	<ul> <li>&gt;&gt;</li> <li>00AF</li> <li>175</li> <li>1</li> <li>00BF</li> <li>191</li> <li></li> </ul>
Dec Char Hex Dec Char Hex Dec Char	144 <b>á</b> 00A0 160 00B0 176 L	145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 0001	146 Ó 00A2 162 00B2 178 T	Ú 00A3 163 ↓ 00B3 179 ↓	<b>ñ</b> 00A4 164 	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>╡</li> <li>00B5</li> <li>181</li> <li>┿</li> <li>0005</li> </ul>	a 00A6 166 	0 00A7 167 ■ 00B7 183 ■ +	<b>i</b> 00A8 168 <b>T</b> 00B8 184 <b>L</b>	Ò 00A9 169 169 169 185 Ⅰ 85	<ul> <li>■</li> <li>00AA</li> <li>170</li> <li>■</li> <li>00BA</li> <li>186</li> <li>■</li> <li>■</li> <li>000A</li> </ul>	1⁄2 00AB 171 □ 00BB 187 □ □	1⁄4 00AC 172 ⊐ 00BC 188 00BC	i 00AD 173 J 00BD 189 II	00AE 174 <b>J</b> 00BE 190 <b>J</b>	>) 00AF 175 <b>7</b> 00BF 191 <b>上</b>
Dec Char Hex Dec Char Hex Dec Char Hex	144 <b>á</b> 00A0 160 00B0 176 L 00C0 102	145 <b>Í</b> 00A1 161 00B1 177 <b>L</b> 00C1 102	146 <b>Ó</b> 00A2 162 00B2 178 <b>T</b> 00C2 104	Ú 00A3 163 ↓ 00B3 179 ↓ 00C3 105	<b>ñ</b> 00A4 164 	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>₹</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>107</li> </ul>	a 00A6 166 	0 00A7 167 ■ 00B7 183 ■ + 00C7	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>⊥</li> <li>00C8</li> <li>200</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li></li></ul>	■ 00AA 170 00BA 186 <b>」</b> L 00CA 203	<b>1⁄2</b> 00AB 171 <b>□</b> 00BB 187 <b>□</b> <b>□</b> 00CB 202	1/4 00AC 172 □] 00BC 188 □ □ 00CC 204	i 00AD 173 JJ 00BD 189 = 00CD 205	00AE 174 <b>J</b> 00BE 190 <b>I</b> 00CE 206	>> 00AF 175 <b>7</b> 00BF 191 <b>1</b> 00CF 207
Dec Char Hex Dec Char Hex Dec Char Hex Dec	144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 II	145 <b>Í</b> 00A1 161 00B1 177 <b>L</b> 00C1 193	146 <b>Ó</b> 00A2 162 <b>162</b> <b>162</b> <b>178</b> <b>T</b> 00C2 194	Ú 00A3 163 ↓ 00B3 179 ↓ 00C3 195 Ⅲ	<b>ñ</b> 00A4 164 	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> </ul>	a 00A6 166 - - - - - - - - - - - - - - - - -	0 00A7 167 183 00B7 183 00C7 199 Ⅲ	<ul> <li>ċ</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>止</li> <li>00C8</li> <li>200</li> <li>⊥</li> </ul>	<b>Ò</b> 00A9     169 <b>一</b> 00B9     185 <b>一</b> 00C9     201 <b>一</b>	<ul> <li><b>¬</b></li> <li>00AA</li> <li>170</li> <li>→</li> <li>00BA</li> <li>186</li> <li>→</li> <li>→</li></ul>	1/2 00AB 171	1/4 00AC 172 □ 00BC 188 00CC 204	i 00AD 173 JJ 00BD 189 ■ 00CD 205	00AE 174 J 00BE 190 I 00CE 206	>> 00AF 175 - 00BF 191 - - - - - - - - - - - - - - - - - -
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <u>JL</u>	145 <b>Í</b> 00A1 161 00B1 177 <b>L</b> 00C1 193 <b>T</b>	146 Ó 00A2 162 00B2 178 ⊤ 00C2 194 ⊤	Ú 00A3 163 ↓ 00B3 179 ↓ 00C3 195 ↓	<ul> <li>ñ</li> <li>00A4</li> <li>164</li> <li>-</li> <li>00B4</li> <li>180</li> <li>-</li> <li>00C4</li> <li>196</li> <li>L</li> </ul>	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>₹</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> </ul>	a 00A6 166 	00A7     167     167     183     00C7     199     +	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>Ц</li> <li>00C8</li> <li>200</li> <li>↓</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>→</li> <li>00B9</li> <li>185</li> <li>□</li>     &lt;</ul>	■ 00AA 170 00BA 186 <b>⊔</b> 00CA 202 <b>Г</b>	1/2         00AB         171         □         □         00BB         187         □         □         00CB         203	1/4 00AC 172 J 00BC 188 00CC 204	i 00AD 173 IJ 00BD 189 = 00CD 205	00AE 174 J 00BE 190 ↓ ↓ 00CE 206	<ul> <li>&gt;&gt;</li> <li>&gt;</li> <li>&gt;&gt;</li> <li>&gt;</li> <li>&gt;&gt;</li> <li>&gt;&lt;</li></ul>
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>L</b> 00D0 202	145           Í           00A1           161           00B1           1777           ⊥           00C1           193           □           00D1           200	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 240	Ú 00A3 163 163 179 ↓ 00B3 179 ↓ 00C3 195 Ⅲ 00D3 211	<ul> <li>ñ</li> <li>00A4</li> <li>164</li> <li>-</li> <li>00B4</li> <li>180</li> <li>-</li> <li>00C4</li> <li>196</li> <li>L</li> <li>00D4</li> <li>212</li> </ul>	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>212</li> </ul>	a 00A6 166 182 ⊨ 00C6 198 ■ 00D6 214	00A7     167     167     183     183     00C7     199     4     00D7     325	<ul> <li><i>i</i></li> <li><i>i</i></li></ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>→</li> <li>00B9</li> <li>185</li> <li>□</li> <li>□</li> <li>00C9</li> <li>201</li> <li>□</li> <li>□</li> <li>00D9</li> <li>247</li> </ul>	¬     ¬     00AA     170     170     100BA     186     1L     00CA     202     Γ     00DA     212	1/2           00AB           171           ¬           00BB           187           ¬           00CB           203           □           00DB           00DB	1/4 00AC 172 1 00BC 188 00CC 204 00DC 202	i 00AD 173 JJ 00BD 189 == 00CD 205 00DD	00AE 174 J 00BE 190 190 206 00CE 206	<ul> <li>&gt;&gt;</li> <li>&gt;</li> <li>&gt;&gt;</li> <li>&gt;</li></ul>
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	144 <b>á</b> 00A0 160 00B0 176 <b>L</b> 00C0 192 <b>JL</b> 00D0 208	145           Í           00A1           161           00B1           1777           L           00C1           193           〒           00D1           209	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 210 <b>Γ</b>	Ú 00A3 163 163 179 ⊢ 00C3 195 L 00D3 211	<ul> <li>Ñ</li> <li>00A4</li> <li>164</li> <li>-</li> <li>00B4</li> <li>180</li> <li>-</li> <li>00C4</li> <li>196</li> <li>E</li> <li>00D4</li> <li>212</li> <li>-</li> </ul>	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> </ul>	a 00A6 166 182 ⊨ 00C6 198 ■ □ 00D6 214	00A7     167     167     183     183     199     199     199     199     1007     215	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>Ш</li> <li>00C8</li> <li>200</li> <li>↓</li> <li>00D8</li> <li>216</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li></li></ul>	<ul> <li><b>¬</b></li> <li>00AA</li> <li>170</li> <li>→</li> <li>00BA</li> <li>186</li> <li>→</li> <li>→</li> <li>00CA</li> <li>202</li> <li><b>Г</b></li> <li>00DA</li> <li>218</li> </ul>	1/2         00AB         171	1/4 00AC 172 172 00BC 188 188 00CC 204 00DC 220	i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221	00AE 174 J 00BE 190 J 00CE 206 00DE 222	» 00AF 175 17 00BF 191 ⊥ 00CF 207 00DF 223 00DF
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	144 <b>á</b> 00A0 160 176 <b>L</b> 00C0 192 <b>JL</b> 00D0 208 <b>Q</b>	145 <b>Í</b> 00A1 161 161 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b>	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 210 <b>Г</b>	<b>Ú</b> 00A3 163 163 179 <b>⊢</b> 00C3 195 <b>Ⅲ</b> 00D3 211 <b>Π</b>	ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>I</li> <li>00B5</li> <li>181</li> <li>I</li> <li>I</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> </ul>	a 00A6 166 182 <b>F</b> 00C6 198 <b>F</b> 00D6 214 <b>P</b>	<ul> <li>00A7</li> <li>167</li> <li>183</li> <li>→ </li> <li>00C7</li> <li>199</li> <li>→ </li> <li>00D7</li> <li>215</li> <li>T</li> </ul>	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>止</li> <li>00C8</li> <li>200</li> <li>↓</li> <li>⊕</li> <li>00D8</li> <li>216</li> <li>⊕</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>169</li> <li>169</li> <li>169</li> <li>169</li> <li>185</li> <li>IF</li> <li>00C9</li> <li>201</li> <li>J</li> <li>00D9</li> <li>217</li> <li>O</li> </ul>	<ul> <li>¬</li> <li>00AA</li> <li>170</li> <li>→</li> <li>00BA</li> <li>186</li> <li>→</li> <li>→</li> <li>↓</li>     &lt;</ul>	1/2 00AB 171 Π 00BB 187 Π Γ 00CB 203 00DB 219 δ	1/4 00AC 172 1 1 00BC 188 188 00CC 204 00DC 220 220 00DC 220	i 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221 00DD 221	00AE 174 J 00BE 190 J C 206 00DE 222 <b>E</b>	<ul> <li>&gt;&gt;</li> <li>&gt;</li> <li>&gt;&gt;</li> <li>&gt;</li></ul>
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>JL</b> 00D0 208 <b>Q</b> 00E0	145 Í 00A1 161 161 161 177 L 00C1 193 T 00D1 209 <b>ß</b> 00E1 00E1	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 210 Γ 00E2 00E2	<b>Ú</b> 00A3     163     163     179     179     100C3     195 <b>L</b> 00D3     211 <b>Π</b> 00E3     00E3	ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>00E5</li> <li>00E5</li> </ul>	a 00A6 166 182 ⊨ 00C6 198 ¶ 00D6 214 ↓ 00E6	00A7     167     167     183     →     00C7     199     →     00D7     215     ▼     00E7     7     00E7	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>止</li> <li>00C8</li> <li>200</li> <li>+</li> <li>↓</li> <li>00C8</li> <li>200</li> <li>↓</li> <li>↓&lt;</li></ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>169</li> <li>185</li> <li>IF</li> <li>00C9</li> <li>201</li> <li>J</li> <li>00D9</li> <li>217</li> <li>O</li> <li>00E9</li> <li>205</li> </ul>	<ul> <li>¬</li> <li>00AA</li> <li>170</li> <li>→</li> <li>00BA</li> <li>186</li> <li>→</li> <li>→</li> <li>00CA</li> <li>202</li> <li>C</li> <li>00CA</li> <li>202</li> <li>202</li> <li>C</li> <li>00DA</li> <li>218</li> <li>Q</li> <li>00EA</li> <li>00EA</li> <li>00EA</li> </ul>	1 <sup>1</sup> /2 00AB 171	1/4 00AC 172 1 1 00BC 188 188 00CC 2204 00DC 220 220 00DC 220 00DC 220	i 00AD 173 J 00BD 189 ■ 00CD 205 00DD 221 ♀ 00ED 00ED	00AE 174 J 00BE 190 190 00CE 206 00CE 222 <b>E</b> 00EE	<ul> <li>&gt;&gt;</li> <li>&gt;</li> <li>&gt;&gt;</li> <li>&gt;</li></ul>
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	144 <b>ά</b> 00A0 160 176 <b>L</b> 00C0 192 <b>JL</b> 00D0 208 <b>α</b> 00E0 224	145 <b>Í</b> 00A1 161 161 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b> 00E1 225 <b>·</b>	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 210 C 00E2 226	<b>Ú</b> 00A3     163     163     179     179     195 <b>L</b> 00D3     211 <b>Π</b> 00E3     227 <b>√</b>	<ul> <li>ñ</li> <li>00A4</li> <li>164</li> <li>-</li> <li>00B4</li> <li>180</li> <li>-</li> <li>00C4</li> <li>196</li> <li>E</li> <li>00D4</li> <li>212</li> <li>Σ</li> <li>00E4</li> <li>228</li> <li>C</li> </ul>	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>I</li> <li>00B5</li> <li>181</li> <li>I</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>E</li> <li>229</li> <li>I</li> </ul>	a 00A6 166 182 ⊨ 00C6 198 □ 00D6 214 ↓ 00E6 230	<ul> <li>00A7</li> <li>167</li> <li>183</li> <li>→</li> <li>00C7</li> <li>199</li> <li>→</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> <li>231</li> </ul>	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>Ш</li> <li>00C8</li> <li>200</li> <li>Щ</li> <li>00D8</li> <li>216</li> <li>Ф</li> <li>00E8</li> <li>232</li> <li>232</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>↓</li> <li>00B9</li> <li>185</li> <li>▶</li> <li>00C9</li> <li>201</li> <li>↓</li> <li>00D9</li> <li>217</li> <li>O</li> <li>00E9</li> <li>233</li> </ul>	<ul> <li>¬</li> <li>00AA</li> <li>170</li> <li>00BA</li> <li>186</li> <li>⊥</li> <li>00CA</li> <li>202</li> <li>C</li> <li>00DA</li> <li>218</li> <li>Q</li> <li>00EA</li> <li>234</li> </ul>	1/2 00AB 171 7 00BB 187 7 7 7 7 7 7 00CB 203 203 203 203 219 00DB 219 00EB 235	1/4 00AC 172 00BC 188 00CC 204 00DC 220 00DC 220 00EC 236	i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221 ♀ 00ED 237 2	00AE 174 J 00BE 190 190 206 206 00DE 222 <b>£</b> 00EE 238	» 00AF 175 П 00BF 191 ⊥ 00CF 207 ■ 00DF 223 00DF 223 ○0EF 239
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 <b>IL</b> 00D0 208 <b>C</b> 00E0 224 <b>E</b>	145 Í 00A1 161 161 177 ⊥ 00C1 193 〒 00D1 209 ß 00E1 225 ±	146 Ó 00A2 162 00B2 178 T 00C2 194 T 00D2 210 Γ 00E2 226 ≥	<b>Ú</b> 00A3     163     163     179     179     195 <b>L</b> 00D3     211 <b>Π</b> 00E3     227 <b>≤</b>	<ul> <li>ñ</li> <li>00A4</li> <li>164</li> <li>-</li> <li>00B4</li> <li>180</li> <li>-</li> <li>00C4</li> <li>196</li> <li>L</li> <li>00D4</li> <li>212</li> <li>Σ</li> <li>00E4</li> <li>228</li> <li>∫</li> </ul>	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>I</li> <li>00B5</li> <li>181</li> <li>I</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>Ø</li> <li>00E5</li> <li>229</li> <li>J</li> </ul>	a 00A6 166 182 ▶ 00C6 198 ■ 00D6 214 ₽ 00E6 230 ÷	o 00A7 167 183 → 0007 199 → 00D7 215 T 00E7 231 ≈	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>L</li> <li>00C8</li> <li>200</li> <li>+</li> <li>00D8</li> <li>216</li> <li>Φ</li> <li>00E8</li> <li>232</li> <li>o</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>169</li> <li>185</li> <li>IF</li> <li>00C9</li> <li>201</li> <li>J</li> <li>00D9</li> <li>217</li> <li>O</li> <li>00E9</li> <li>233</li> <li>.</li> </ul>	<ul> <li>¬</li> <li>00AA</li> <li>170</li> <li>□</li> <li>00BA</li> <li>186</li> <li>□L</li> <li>00CA</li> <li>202</li> <li>Γ</li> <li>00DA</li> <li>218</li> <li>Ω</li> <li>00EA</li> <li>234</li> <li>·</li> </ul>	1/2 00AB 171 7 00BB 187 7 7 00CB 203 00DB 219 00EB 235 √	1/4 00AC 172 1 1 00BC 188 188 00CC 204 204 204 200 220 00DC 220 00DC 220 00DC 220 00DC 220 00DC 220	i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221 ♥ 00ED 237 2	00AE 174 J 00BE 190 L 206 206 206 200E 222 <b>E</b> 00EE 238	<ul> <li>&gt;&gt;</li> <li></li></ul>
Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	144 <b>á</b> 00A0 160 176 L 00C0 192 JL 00D0 208 <b>C</b> 00E0 224 <b>E</b> 00F0 224	145 Í 00A1 161 161 100B1 1777 ⊥ 00C1 193 〒 00D1 209 <b>ß</b> 00E1 225 ± 00F1	146 Ó 00A2 162 162 178 T 00B2 178 T 00C2 194 T 00D2 210 Γ 00E2 226 ≥ 00F2	<ul> <li>Ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>100B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>Ⅲ</li> <li>00D3</li> <li>211</li> <li>Π</li> <li>00E3</li> <li>227</li> <li>≤</li> <li>00F3</li> <li>00F3</li> </ul>	<b>ñ</b> 00A4         164         -         00B4         180         -         00C4         196         L         00D4         212 <b>Σ</b> 00E4         228         Í         00F4	<ul> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>Ø</li> <li>00E5</li> <li>229</li> <li>J</li> <li>00F5</li> </ul>	a 00A6 166 182 = 00B6 182 = 00C6 198 T 00D6 214 <b>µ</b> 00E6 230 ÷ 00F6	o 00A7 167 183 → 00B7 183 → 00C7 199 → 199 → 00D7 215 T 00E7 231 ≈ 00F7	<ul> <li>¿</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>止</li> <li>00C8</li> <li>200</li> <li>‡</li> <li>00C8</li> <li>216</li> <li>Ф</li> <li>00E8</li> <li>232</li> <li>o</li> <li>00F8</li> <li>00F8</li> </ul>	<ul> <li>Ò</li> <li>00A9</li> <li>169</li> <li>169</li> <li>169</li> <li>169</li> <li>169</li> <li>185</li> <li>IF</li> <li>00C9</li> <li>201</li> <li>J</li> <li>00D9</li> <li>217</li> <li>O</li> <li>00E9</li> <li>233</li> <li>00E9</li> <li>233</li> <li>00F9</li> <li>201</li> </ul>	<ul> <li>¬</li> <li>00AA</li> <li>170</li> <li>□</li> <li>00BA</li> <li>186</li> <li>□L</li> <li>00CA</li> <li>202</li> <li>Γ</li> <li>00CA</li> <li>202</li> <li>202</li> <li>Γ</li> <li>00CA</li> <li>202</li> <li>202</li> <li>00CA</li> <li>204</li> <li>204</li> <li>00FA</li> <li>205</li> </ul>	1/2 00AB 171	1/4 00AC 172 1 1 1 1 88 1 88 1 8 00BC 220 204 220 220 00DC 220 00DC 220 00DC 220 00EC 236 <b>n</b>	i 00AD 173 J 00BD 189 = 00CD 205 00DD 221 <b>Ф</b> 00ED 237 2 00FD	00AE 174 J 00BE 190 190 206 206 206 222 222 222 223 00EE 238 00FE	<ul> <li>≫</li> <li>00AF</li> <li>175</li> <li>¬</li> <li>00BF</li> <li>191</li> <li>⊥</li> <li>00CF</li> <li>207</li> <li>■</li> <li>00DF</li> <li>223</li> <li>∩</li> <li>00EF</li> <li>239</li> <li>NBSP</li> <li>00FF</li> <li>240</li> </ul>

PC860 CODE TABLE (Portuguese)

				r	r											
Char	SP	!	"	#	\$	%	&	"	(	)	*	+	,	-		/
Hex	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
Dec	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Char	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
Hex	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
Dec	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	@	Α	В	С	D	E	F	G	н		J	κ	L	Μ	Ν	0
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
Dec	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Char	Р	Q	R	S	Т	U	V	W	X	Y	Ζ	] [	۱	]	•	
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char	`	а	b	С	d	е	f	g	h	i	j	k	I	m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	р	q	r	S	t	u	v	w	х	у	z	{		}	~	
Hex	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	Ç	ü	é	â	Â	à	¶	Ç	ê	ë	è	ï	î	_	À	§
Hex	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
Dec	100	120	120	131	132	133	134	135	136	137	138	139	140	141	142	143
Dec	120	129	130	1.51	152	100				101	100			141	142	1.10
Char	É	È	Ê	Ô	Ë	Ï	û	ù	¤	Ô	Ü	¢	£	Ù	Û	f
Char Hex	<b>É</b> 0090	<b>È</b> 0091	<b>Ê</b> 0092	<b>Ô</b> 0093	<b>Ë</b> 0094	<b>i</b> 0095	<b>û</b> 0096	<b>ù</b> 0097	<b>¤</b> 0098	<b>Ô</b> 0099	<b>Ü</b> 009A	¢ 009B	<b>£</b> 009C	<b>Ù</b> 009D	<b>Û</b> 009E	<b>f</b> 009F
Char Hex Dec	<b>É</b> 0090 144	<b>È</b> 0091 145	<b>Ê</b> 0092 146	<b>Ô</b> 0093 147	<b>Ë</b> 0094 148	<b>i</b> 0095 149	<b>û</b> 0096 150	<b>ù</b> 0097 151	<b>1</b> 0098	<b>Ô</b> 0099 153	<b>Ü</b> 009A 154	¢ 009B 155	<b>£</b> 009C 156	<b>Ù</b> 009D 157	<b>Û</b> 009E 158	<b>f</b> 009F 159
Char Hex Dec Char	120 É 0090 144	0091 145	<b>Ê</b> 0092 146 <b>Ó</b>	<b>Ô</b> 0093 147 <b>Ú</b>	0094 148	<b>i</b> 0095 149	<b>û</b> 0096 150 <b>3</b>	<b>ù</b> 0097 151	₩ 0098 152 Î	<b>Ô</b> 0099 153	Ü 009A 154	¢ 009B 155 1⁄2	<b>£</b> 009C 156 <b>1/4</b>	Ú 009D 157 <b>3⁄4</b>	<b>Û</b> 009E 158 <b>《</b>	<b>f</b> 009F 159 <b>》</b>
Char Hex Dec Char Hex	120 <b>É</b> 0090 144 <b>I</b> 00A0	0091 145 00A1	<b>Ê</b> 0092 146 <b>Ó</b> 00A2	<b>ô</b> 0093 147 <b>Ú</b> 00A3	Ü           Ü           0094           148              000A4	<b>i</b> 0095 149 <b>,</b> 00A5	<b>û</b> 0096 150 <b>3</b> 00A6	<b>ù</b> 0097 151 <b>—</b> 00A7	<ul> <li>☎</li> <li>0098</li> <li>152</li> <li>Î</li> <li>00A8</li> </ul>	Ô 0099 153 ┏ 00A9	Ü 009A 154 <b>7</b> 00AA	¢ 009B 155 1⁄2 00AB	<b>£</b> 009C 156 <b>1/4</b> 00AC	<b>Ù</b> 009D 157 <b>3/4</b> 00AD	009E 158 <b>«</b> 00AE	<b>f</b> 009F 159 <b>»</b> 00AF
Char Hex Dec Char Hex Dec	120 É 0090 144 00A0 160	0091 145 00A1 161	<b>Ê</b> 0092 146 <b>Ó</b> 00A2 162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	<b>Ë</b> 0094 148 <b>·</b> 00A4 164	ii 0095 149 00A5 165	<b>û</b> 0096 150 <b>3</b> 00A6 166	<b>ù</b> 0097 151 <b>—</b> 00A7 167	20098 152 Î 00A8 168	<b>Ô</b> 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>¬</b> 00AA 170	¢ 009B 155 1⁄2 00AB 171	<b>£</b> 009C 156 <b>1/4</b> 00AC 172	<b>Ù</b> 009D 157 <b>3/4</b> 00AD 173	009E 158 <b>«</b> 00AE 174	<b>f</b> 009F 159 <b>»</b> 00AF 175
Char Hex Dec Char Hex Dec Char	120 <b>É</b> 0090 144 - 00A0 160	0091 145 00A1 161	130 <b>Ê</b> 0092 146 <b>Ó</b> 00A2 162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	102 <b>Ë</b> 0094 148 <b>·</b> 00A4 164 <b>–</b>	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	<b>û</b> 0096 150 <b>3</b> 00A6 166 <b>-</b>	<b>Ù</b> 0097 151 <b>—</b> 00A7 167 <b>—</b>	20098 152 Î 00A8 168	<b>Ô</b> 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>7</b> 00AA 170	¢ 009B 155 1/2 00AB 171	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>_</b>	<b>Ù</b> 009D 157 <b>3/4</b> 00AD 173 <b>]</b>	009E 158 <b>«</b> 00AE 174 <b>–</b>	<b>f</b> 009F 159 <b>%</b> 00AF 175
Char Hex Dec Char Hex Dec Char Hex	120 É 0090 144 1 00A0 160 00B0	123 È 0091 145 - 00A1 161 00B1	130 <b>Ê</b> 0092 146 <b>Ó</b> 00A2 162 <b>162</b> 00B2	0093           147           Ú           00A3           163           00B3	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	i           0095           149           3           00A5           165           =           00B5	<b>Û</b> 0096 150 <b>3</b> 00A6 166 <b>-</b> <b> </b> 00B6	<b>ù</b> 0097 151 <b>—</b> 00A7 167 <b>—</b> 00B7		Ô           0099           153 <b>F</b> 00A9           169 <b></b>	Ü 009A 154 <b>□</b> 00AA 170 <b>□</b> 00BA	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b></b> 00BC	<b>Ù</b> 009D 157 <b>3/4</b> 00AD 173 <b>J</b> 00BD	<b>Û</b> 009E 158 <b>«</b> 00AE 174 <b>J</b> 00BE	<b>f</b> 009F 159 <b>%</b> 00AF 175 <b>7</b> 00BF
Char Hex Dec Char Hex Dec Char Hex Dec	120 É 0090 144 100A0 160 00B0 176	123 È 0091 145 00A1 161 00B1 177	130 <b>Ê</b> 0092 146 <b>Ó</b> 00A2 162 00B2 178	<b>ô</b> 0093           147           Ú           00A3           163           00B3           179	İ         İ           0094         148           148         -           00044         164	i           0095           149           J           00A5           165           =           00B5           181	<b>Û</b> 0096 150 <b>3</b> 00A6 166 <b>↓</b> 00B6 182	<b>ù</b> 0097 151 - 00A7 167 <b>T</b> 00B7 183	<ul> <li></li></ul>	Ô           0099           153 <b>F</b> 00A9           169 <b> </b> 00B9           185	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186	¢ 009B 155 1/2 00AB 171 <b>T</b> 00BB 187	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>J</b> 00BC 188	<b>Ù</b> 009D 157 <b>3/4</b> 00AD 173 <b>J</b> 00BD 189	Û 009E 158 ≪ 00AE 174 J 00BE 190	<b>f</b> 009F 159 <b>»</b> 00AF 175 <b>7</b> 00BF 191
Char Hex Dec Char Hex Dec Char Hex Dec Char Char	120 É 0090 144 144 00A0 160 00B0 176 L	È           0091           145           00A1           161           00B1           1777	ÍSO           Ê           0092           146           Ó           00A2           162           Image: Comparison of the second secon	N         N           Ô         0093           147         Ú           00A3         163           163         1           00B3         179           -         -	Ü           0094           148           ··           00044           164              00084           180	i       0095       149       3       00A5       165       4       00B5       181       +	<b>Û</b> 0096 150 <b>3</b> 00A6 166 <b>↓</b> 00B6 182 <b>↓</b>	ù 0097 151 − 00A7 167 ¶ 00B7 183 ↓	<ul> <li>☎</li> <li>0098</li> <li>152</li> <li>Î</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>止</li> </ul>	Ô           0099           153 <b>F</b> 00A9           169 <b>- -</b> 00B9           185 <b>-</b>	Ü 009A 154 7 00AA 170 	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b>	£ 009C 156 1/4 00AC 172 J 00BC 188	<b>Ù</b> 009D 157 <b>3/4</b> 00AD 173 <b>J</b> 189 <b>=</b>	Û 009E 158 ≪ 00AE 174 J 00BE 190 ↓	f       009F       159       >       00AF       175       ¬       00BF       191       ⊥
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	120 É 0090 144 1 00A0 160 00B0 176 L 00C0	È 0091 145 00A1 161 00B1 1777 L 00C1	ÎSU           Ê           0092           146           Ó           00A2           162           Image: State Stat	Ô           0093           147           Ú           00A3           163	İ         İ           İ         İ           0094         148           148         ··           00A4         164           -         00B4           180            00C4         00C4	i           0095           149           3           00A5           165           =           00B5           181           +           00C5	<b>Û</b> 0096     150 <b>3</b> 00A6     166 <b>↓</b> 00B6     182 <b>↓</b> 00C6			Ô           0099           153 <b>Г</b> 00A9           169 <b>- -</b> 00B9           185 <b>- -</b> 00C9	Ü 009A 154 <b>¬</b> 00AA 170 ■ 00BA 186 <b>⊥</b> 00CA	¢ 009B 155 1⁄2 00AB 171 <b>T</b> 00BB 187 <b>T</b> 00CB	£ 009C 156 1⁄4 00AC 172 J J 00BC 188 188 □ <b>⊢</b> 00CC	<ul> <li>Ù</li> <li>009D</li> <li>157</li> <li>3⁄4</li> <li>00AD</li> <li>173</li> <li>IJ</li> <li>00BD</li> <li>189</li> <li>=</li> <li>00CD</li> </ul>	Û 009E 158 ≪ 00AE 174 J 00BE 190 L 190 00CE	f       009F       159       >       00AF       175       ¬       00BF       191       ⊥       00CF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	120 É 0090 144 - 00A0 160 00B0 176 L 00C0 192	È 0091 145 00A1 161 00B1 177 L 00C1 193	130           Ê           0092           146           Ó           00A2           162           00B2           178           T           00C22           194	Ô           0093           147           Ú           00A3           163           00B3           179           -           00C3           195	ÜZ           Ü           0094           148           ··           00A4           164           -           00B4           180           -           00C4           196	i         0095         149         3         00A5         165         =         00B5         181         +         00C5         197	<b>û</b> 0096 150 <b>3</b> 00A6 166 <b>↓</b> 00B6 182 <b>↓</b> 00C6 198		☎           0098           152           Î           00A8           168           ┦           00B8           184           止           00C8           200	Ô           0099           153 <b>Г</b> 00A9           169 <b>- -</b> 00B9           185 <b>- -</b> 00C9           201	Ü 009A 154 <b>¬</b> 00AA 170 <b>↓</b> 00BA 186 <b>↓</b> <b>↓</b> 00CA 202	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203	£ 009C 156 1⁄4 00AC 172 IJ 00BC 188 ⊨ F 00CC 204	<ul> <li>Ù</li> <li>009D</li> <li>157</li> <li>3⁄4</li> <li>00AD</li> <li>173</li> <li>IJ</li> <li>00BD</li> <li>189</li> <li>=</li> <li>00CD</li> <li>205</li> </ul>	Û 009E 158 ≪ 00AE 174 J 00BE 190 ↓ € 00CE 206	f       009F       159       ≫       00AF       175       ¬       00BF       191       ⊥       00CF       207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Char	É           0090           144           -           00A0           160           00B0           176           L           000C0           192           L	È 0091 145 00A1 161 177 L 00C1 193 〒	130           Ê           0092           146           Ó           00A2           162           00B2           178           00C2           194           T	Î         Î           Î         Î           0093         147           Î         Î           00A3         163           163         ↓           00B3         179           ↓         00C3           195         ↓	ioin           iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	i       0095       149       3       00A5       165       =       00B5       181       +       00C5       197       F			x         0098         152         î         00A8         168         7         00B8         184         L         00C8         200	Ô           0099           153 <b>F</b> 00A9           169 <b>I</b> 00B9           185 <b>IF</b> 00C9           201 <b>J</b>	Ü 009A 154 ¬ 00AA 170 Ⅲ 00BA 186 Ⅱ 186 18 00CA 202 Γ	¢ 009B 155 1/2 00AB 171 7 00BB 187 7 TF 00CB 203	£ 009C 156 1/4 00AC 172 ↓ 00BC 188 188 ↓ € 00CC 204	Ù 009D 157 3⁄4 00AD 173 IJ 00BD 189 = 00CD 205	Û 009E 158 ≪ 00AE 174 J 00BE 190 190 190 206	f       009F       159       >       00AF       175       ¬       00BF       191       ⊥       00CF       207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	120 É 0090 144 - 00A0 160 176 L 00C0 192 - - - 00D0	È 0091 145 00A1 161 177 ⊥ 00C1 193 〒 00D1	130           Ê           0092           146           Ó           00A2           162           00B2           178           T           00C2           194           T           00D2	Image: Non-State         Image: Non-State	Ü           Ü           0094           148           ··           00044           164           -           00084           180           -           000C4           196           L           0004	i         0095         149         3         00A5         165         =         00B5         181         +         00C5         197         F         00D5	<b>Û</b> 0096     150 <b>3</b> 00A6     166 <b>↓</b> 00B6     182 <b>↓</b> 00C6     198 <b>↓</b> 00D6	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>叶</b> 00C7 199 <b>十</b> 00D7	☎           0098           152           Î           00A8           168           ┦           00B8           184           止           00C8           200           ╪           00D8	Ô           0099           153 <b>F</b> 00A9           169 <b>I</b> 00B9           185 <b>I</b> 00C9           201           J           00D9	Ü 009A 154 <b>¬</b> 00AA 170 <b>↓</b> 00BA 186 <b>↓</b> 202 <b>↓</b> 00CA 202 <b>↓</b> 00DA	¢ 009B 155 1/2 00AB 171 T 00BB 187 T 00CB 203 00DB	£ 009C 156 1/4 00AC 172 J 00BC 188 188 □ F 00CC 204	Ù 009D 157 3⁄4 00AD 173 IJ 00BD 189 = 00CD 205 00DD		f       009F       159       >       00AF       175       ¬       00BF       191       ⊥       00CF       207       ■       00DF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É           0090           144           -           00A0           160           00B0           176           L           00C0           192           JL           00D0           208	È 0091 145 00A1 161 177 ⊥ 00C1 193 〒 00D1 209	130       Ê       0092       146       Ó       00A2       162       Image: Constraint of the second sec	N         N           Ô         0093           147         Ú           00A3         163           163         -           00B3         179           -         -           00C3         195           L         00D3           211         -	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	i         0095         149         00A5         165         =         00B5         181         +         00C5         197         F         00D5         213	<b>Û</b> 0096     150 <b>3</b> 00A6     166 <b>↓</b> 00B6     182 <b>↓</b> 00C6     198 <b>↓</b> 00D6     214		■         0098         152         Î         00A8         168         ¬         00B8         184         L         00C8         200         ↓         00D8         216	Ô           0099           153 <b>Г</b> 00A9           169 <b>Ц</b> 00B9           185 <b>Г</b> 00C9           201 <b>J</b> 00D9           217	Ü 009A 154 <b>¬</b> 00AA 170 <b>↓</b> 00BA 186 <b>↓</b> <b>↓</b> 00CA 202 <b>↓</b> 00DA 218	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 00DB 219	£ 009C 156 1/4 00AC 172 J J 00BC 188 ↓ F 00CC 204	Ù 009D 157 3⁄4 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221	Û 009E 158 « 00AE 174 J 00BE 190 ↓ 00CE 206 00DE 222	f       009F       159       N       00AF       175       7       00BF       191       ▲       00CF       207       ●       00DF       223
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	μ         μ           0090         144           1         00A0           160	È 0091 145 00A1 161 177 L 00C1 193 〒 00D1 209 <b>ß</b>	130       Ê       0092       146       Ó       00A2       162       00B2       178       T       00C2       194       T       00D2       210	No         Ô         0093         147         Ú         00A3         163         163         163         179         ⊢         00C3         195         L         00D3         211 <b>Π</b>	Ϊ           Ö094           148           ··           00044           164           -           00084           180           -           000C4           196           L           000D4           212           Σ	i         0095         149         J         00A5         165         =         00B5         181         +         00C5         197         F         00D5         213 <b>σ</b>	Û     0096     150     3     00A6     166     1     1     00B6     182	<b>Ù</b> 0097 151 - 00A7 167 - 183 - 00B7 183 - 00C7 199 - 199 - 00D7 215 <b>T</b>	<b>¤</b> 0098         152 <b>Î</b> 00A8         168 <b>ヿ</b> 00B8         184         L         00C8         200 <b>↓</b> 00D8         216	Ô         0099         153 <b>F</b> 00A9         169 <b>I</b> 00B9         185 <b>IF</b> 00C9         201         J         00D9         217 <b>O</b>	Ü         009A         154         ¬         00AA         170         Ш         00BA         186         LL         00CA         202         Γ         00DA         218         Q	¢ 009B 155 1/2 00AB 171 ☐ 00BB 187 ☐ 7 00CB 203 00DB 219 <b>ठ</b>	£ 009C 156 1/4 00AC 172 J 00BC 188 00BC 204 00DC 220 00DC 220 00DC	<ul> <li>Ù</li> <li>009D</li> <li>157</li> <li>3/4</li> <li>00AD</li> <li>173</li> <li>JJ</li> <li>00BD</li> <li>189</li> <li>=</li> <li>00CD</li> <li>205</li> <li>■</li> <li>00DD</li> <li>221</li> <li>Φ</li> </ul>	Û           009E           158           ≪           00AE           174           J           00BE           190           ↓           000E           206           ■           00DE           222           ٤	<i>f</i> 009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É           0090           144           -           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           C           00E0	È 0091 145 ✓ 00A1 161 177 ⊥ 00C1 193 〒 00D1 209 ₿ 00E1	130       Ê       0092       146       Ó       00A2       162       Image: Constraint of the second sec		i32         i32         i32         i32         0094         148         ··         0004         164         -         0004         180         -         0004         196         L         0004         212         Σ         00E4	i 0095 149 3 00A5 165 4 00B5 181 ↑ 00C5 197 F 00D5 213 <b>Ø</b> 00E5	<b>û</b> 0096 150 <b>3</b> 00A6 166 <b>↓</b> 00B6 182 <b>↓</b> 00C6 198 <b>↓</b> 00D6 214 <b>↓</b> 00E6	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>叶</b> 00C7 199 <b>叶</b> 00D7 215 <b>T</b> 00E7	<b>¤</b> 0098         152 <b>Î</b> 00A8         168 <b>ヿ</b> 00B8         184 <b>L</b> 00C8         200 <b>‡</b> 00D8         216 <b>Φ</b> 00E8	Ô         0099         153 <b>Г</b> 00A9         169 <b>1</b> 00B9         185 <b>Г</b> 00C9         201         J         00D9         217 <b>⊙</b> 00E9	Ü         009A         154         ¬         00AA         170         □         00BA         186         JL         00CA         202         Γ         00DA         218         Q         00EA	¢ 009B 155 1/2 00AB 171 T 00BB 187 T 00CB 203 00DB 219 <b>\$</b> 00EB	£ 009C 156 1/4 00AC 172 J 00BC 188 □ F 00CC 204 □ 00DC 220 ∞ 00EC	Ù 009D 157 3⁄4 00AD 173 J 00BD 189 = 00CD 205 00DD 221 00DD 221 <b>♀</b>	Û 009E 158 « 00AE 174 J 00BE 190 ↓ L 190 00CE 206 00DE 222 € 00EE	<i>f</i> 009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	μ         μ           0090         144           1         00A0           160         00B0           176         L           00C0         192           IL         00D0           208 <b>Q</b> 00E0         224	È 0091 145 ✓ 00A1 161 177 L 00C1 193 ➡ 00D1 209 ₿ 00E1 225	130 Ê 0092 146 Ó 00A2 162 178 00B2 178 T 00C2 194 T 00D2 210 Γ 00E2 226	131         Ô         0093         147         Ú         00A3         163         00B3         179         ⊢         00C3         195         L         00D3         211 <b>T</b> 00E3         227	i32         Ë         0094         148         ··         0004         164         -         00064         196         E         00004         212         ∑         00E4         228	i         0095         149         00A5         165         =         00B5         181         +         00C5         197         F         00D5         213 <b>0 0</b> 229	Û     0096     150     3     00A6     166     ↓     00B6     182     ▶     00C6     198     ▮     00D6     214     ↓     00E6     230	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>山</b> 00C7 199 <b>山</b> 00D7 215 <b>T</b> 00E7 231	<ul> <li>■</li> <li>0098</li> <li>152</li> <li>Î</li> <li>00A8</li> <li>168</li> <li>¬</li> <li>00B8</li> <li>184</li> <li>□</li> <li>□</li> <li>00C8</li> <li>200</li> <li>=</li> <li>00D8</li> <li>216</li> <li>●</li> <li>00E8</li> <li>232</li> </ul>	Ô         0099         153 <b>Г</b> 00A9         169 <b>1</b> 00B9         185 <b>Г</b> 00C9         201 <b>J</b> 00D9         217 <b>O O</b> 233	Ü 009A 154 <b>¬</b> 00AA 170 <b>↓</b> 00BA 186 <b>↓</b> <b>↓</b> 00CA 202 <b>↓</b> 00DA 218 <b>Ω</b> 00EA 234	¢ 009B 155 1/2 00AB 171 T 00BB 187 T 00CB 203 00DB 219 <b>Š</b> 00EB 235	£ 009C 156 1/4 00AC 172 J J 00BC 188	Ù 009D 157 3⁄4 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221 00DD 221 <b>♀</b>	Û 009E 158 « 00AE 174 J 00BE 190 ↓ 190 ↓ 206 206 00DE 222 222 € 00EE 238	<b>f</b> 009F         159         N         00AF         175 <b>7</b> 00BF         191 <b>⊥</b> 00CF         207 <b>0</b> 00DF         223 <b>∩</b> 00EF         239
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	É           0090           144           -           00A0           160           00B0           176           L           00C0           192           JL           00D0           208           α           00E0           224           Ξ	È 0091 145 00A1 161 177 L 00C1 193 T 00D1 209 B 00E1 225 ±	1300         Ê         0092         146         Ó         00A2         162         00B2         178         T         00C2         194         T         00D2         210         C         00E2         226         ≥	isit         ô         0093         147         ú         00A3         163         163         00B3         179         ⊢         00C3         195         L         00D3         211         π         00E3         227         ≤	i>i       i       i       0094       148       ··       00044       164       -       00064       196       L       00004       212       Σ       00064       212       Σ       00064       212       Σ       00064       228	i         0095         149         J         00A5         165         =         00B5         181         +         00C5         197         F         00D5         213         O         00E5         229         J	Û     0096     150     3     00A6     166     1     1     00B6     182     F     00C6     198     I     00D6     214     00E6     230     ÷	<ul> <li><b>ù</b></li> <li>0097</li> <li>151</li> <li>-</li> <li>000A7</li> <li>167</li> <li>-</li> <li>00B7</li> <li>183</li> <li>-</li> <li>000C7</li> <li>199</li> <li>-</li> <li>-</li> <li>000C7</li> <li>199</li> <li>-</li> /ul>	■         0098         152         Î         00A8         168         ¬         00B8         184         L         00C8         200         ‡         00D8         216         Φ         00E8         232         o	Ô         0099         153         F         00A9         169         1         00B9         185         IF         00C9         201         J         00D9         217         O         00E9         233         .	Ü         009A         154         ¬         00AA         170         □         00BA         186         □L         00CA         202         Γ         00DA         218         Q         00EA         234         •	¢ 009B 155 1/2 00AB 171 7 00BB 187 7 7 00CB 203 00DB 219 <b>δ</b> 00EB 235 √	£ 009C 156 1/4 00AC 172 J 00BC 188 □ F 00CC 204 00DC 220 00DC 220 00EC 236 n	<ul> <li>Ù</li> <li>009D</li> <li>157</li> <li>3/4</li> <li>00AD</li> <li>173</li> <li>J</li> <li>00BD</li> <li>189</li> <li>=</li> <li>00CD</li> <li>205</li> <li>■</li> <li>00DD</li> <li>221</li> <li>Q</li> <li>00ED</li> <li>237</li> <li>2</li> </ul>	Û 009E 158 « 00AE 174 J 00BE 190 ↓ 190 ↓ 190 206 206 222 206 222 222 € 00EE 238	f         009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF         239         NBSP
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	μ         μ           0090         144           1         00A0           160	È 0091 145 00A1 161 00B1 177 L 00C1 193 〒 00D1 209 ₿ 00E1 225 ± 00F1	130         Ê         0092         146         Ó         000A2         162         162         162         162         178         T         000B2         194         T         000D2         210         C         00E2         226         ≥         00F2	No         ô         0093         147         ú         00A3         163         163         163         179         ⊢         000B3         179         ⊢         000C3         195         L         00D3         211 <b>Π</b> 00E3         227         ≤         00F3	i2 <b>Ë</b> 0094         148         ··         00A4         164         -         000B4         180         -         000C4         196 <b>E</b> 00D4         212 <b>Σ</b> 00E4         228         ∫         00F4	i         0095         149         J         00A5         165         =         00B5         181         +         000C5         197         F         00D5         213         Ø         00E5         229         J         00F5	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>3</li> <li>00A6</li> <li>166</li> <li>↓</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>0006</li> <li>198</li> <li>↓</li> <li>0006</li> <li>214</li> <li>↓</li> <li>00E6</li> <li>230</li> <li>÷</li> <li>00F6</li> </ul>	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>叶</b> 00C7 199 <b>十</b> 00C7 199 <b>十</b> 00D7 215 <b>T</b> 00E7 231 <i>≈</i> 00F7	■         0098         152         Î         00A8         168         ¬         00B8         184         L         00C8         200         +         00D8         216         O         00E8         232         o         00F8	Ô         0099         153         F         00A9         169         1         00B9         185         IF         00C9         201         J         00D9         217         O         233         .         00F9	Ü         009A         154         Π         00AA         170         □         00BA         186         □L         00CA         202         Γ         00DA         218         Ω         00EA         234         ·         00FA	¢ 009B 155 1/2 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB 203 00DB 219 <b>5</b> 00EB 235 √ 00FB	£ 009C 156 1/4 00AC 172 J 00BC 188 F 00CC 204 00DC 220 ∞ 00EC 236 n 00FC	<ul> <li>Ù</li> <li>009D</li> <li>157</li> <li>3/4</li> <li>00AD</li> <li>173</li> <li>J</li> <li>00BD</li> <li>189</li> <li>=</li> <li>00CD</li> <li>205</li> <li>■</li> <li>00DD</li> <li>221</li> <li>Φ</li> <li>00ED</li> <li>237</li> <li>2</li> <li>00FD</li> </ul>	Û 009E 158 « 00AE 174 J 00BE 190 ↓ L 190 00CE 206 00DE 222 206 00DE 2222 € 00EE 238	f         009F         159         >         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF         239         NBSP         00FF

PC863 CODE TABLE (Canadian, French)

1						01					. IL					· /
Char	SP	!		#	\$	%	&	•	(	)	*	+	,	-	•	//
Hex	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
Dec	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Char	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
Hex	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
Dec	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	@	Α	В	С	D	Е	F	G	н	I	J	Κ	L	М	Ν	0
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
Dec	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Char	Р	Q	R	S	Т	U	V	W	X	Υ	Ζ	ſ	\	1	۸	
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char	`	а	b	с	d	е	f	a	h	i	i	k		m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	a	a	r	s	t	u	v	w	x	v	z	{		}	~	$\triangle$
Hex	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	С	ü	é	â	ä	à	å	с	ê	ë	è	ï	î	ì	Ä	Å
Hex	0080	0081	0082	0083	0084	0085	0086	<b>3</b> 0087	0088	0089	008A	008B	008C	008D	008E	008F
Dec	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
Char	É	æ	Æ	ô	ö	ò	û	ù	ÿ	Ö	Ü	ø	£	ø	Pts	f
Char Hex	<b>É</b> 0090	<b>æ</b> 0091	<b>Æ</b> 0092	<b>Ô</b> 0093	<b>Ö</b> 0094	<b>Ò</b> 0095	<b>û</b> 0096	<b>ù</b> 0097	<b>ÿ</b> 0098	<b>Ö</b> 0099	<b>Ü</b> 009A	<b>Ø</b> 009B	<b>£</b> 009C	<b>Ø</b> 009D	<b>Pts</b> 009E	<b>f</b> 009F
Char Hex Dec	<b>É</b> 0090 144	<b>æ</b> 0091 145	<b>Æ</b> 0092 146	<b>Ô</b> 0093 147	<b>Ö</b> 0094 148	<b>Ò</b> 0095 149	<b>û</b> 0096 150	<b>ù</b> 0097 151	<b>ÿ</b> 0098 152	<b>Ö</b> 0099 153	<b>Ü</b> 009A 154	<b>Ø</b> 009B 155	<b>£</b> 009C 156	<b>Ø</b> 009D 157	<b>Pts</b> 009E 158	<b>f</b> 009F 159
Char Hex Dec Char	É 0090 144 <b>á</b>	<b>æ</b> 0091 145 <b>í</b>	<b>Æ</b> 0092 146 <b>Ó</b>	<b>Ô</b> 0093 147 <b>Ú</b>	Ö 0094 148 <b>Ñ</b>	<b>Ò</b> 0095 149 <b>Ñ</b>	<b>Û</b> 0096 150 <b>a</b>	<b>Ù</b> 0097 151 <b>0</b>	<b>ÿ</b> 0098 152 <b>¿</b>	Ö 0099 153	Ü 009A 154 <b>7</b>	Ø 009B 155 <b>1⁄2</b>	<b>£</b> 009C 156 <b>1⁄4</b>	Ø 009D 157	Pts 009E 158 <b>«</b>	<b>f</b> 009F 159 <b>¤</b>
Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0	<b>20</b> 0091 145 <b>Í</b> 00A1	<b>Æ</b> 0092 146 <b>Ó</b> 00A2	<b>Ô</b> 0093 147 <b>Ú</b> 00A3	Ö 0094 148 <b>Ñ</b> 00A4	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5	<b>Û</b> 0096 150 <b>a</b> 00A6	<b>Ù</b> 0097 151 <b>0</b> 00A7	<b>ÿ</b> 0098 152 <b>с</b> 00А8	Ö 0099 153 <b>F</b> 00A9	Ü 009A 154 <b>T</b> 00AA	<b>Ø</b> 009B 155 <b>1/2</b> 00AB	<b>£</b> 009C 156 <b>1⁄4</b> 00AC	Ø 009D 157 i 00AD	Pts 009E 158 « 00AE	<i>f</i> 009F 159 ☎ 00AF
Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160	<b>æ</b> 0091 145 <b>í</b> 00A1 161	<b>Æ</b> 0092 146 <b>Ó</b> 00A2 162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	<b>Ö</b> 0094 148 <b>Ñ</b> 00A4 164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165	<b>Û</b> 0096 150 <b>a</b> 00A6 166	<b>Ù</b> 0097 151 <b>0</b> 00A7 167	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168	Ö 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>-</b> 00AA 170	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171	<b>£</b> 009C 156 <b>1/4</b> 00AC 172	Ø 009D 157 i 00AD 173	Pts 009E 158 « 00AE 174	<i>f</i> 009F 159 ☎ 00AF 175
Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160	<b>20</b> 0091 145 <b>Í</b> 00A1 161	Æ 0092 146 Ó 00A2 162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	Ö 0094 148 Ñ 00A4 164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165 <b>=</b>	<b>Û</b> 0096 150 <b>a</b> 00A6 166 <b>-</b>	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>T</b>	ÿ 0098 152 2 00A8 168 <b>7</b>	Ö 0099 153 <b>F</b> 00A9 169	Ü 009A 154 <b>7</b> 00AA 170	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171 <b>T</b>	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>_</b> ]	Ø 009D 157 i 00AD 173 J	Pts 009E 158 « 00AE 174	<i>f</i> 009F 159 ☎ 00AF 175
Char Hex Dec Char Hex Dec Char Hex	É 0090 144 á 00A0 160 00B0	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 00B1	Æ           0092           146           Ó           00A2           162           ∭           00B2	Ô           0093           147           Ú           00A3           163           00B3	Ö           0094           148           Ñ           00A4           164           –           00B4	Ò     0095     149     Ñ     00A5     165     =     00B5	<b>Û</b> 0096 150 <b>a</b> 00A6 166 <b>−</b> <b> </b> 00B6	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>1</b> 00B7	ÿ 0098 152 2 00A8 168 <b>7</b> 00B8	Ö 0099 153 <b>F</b> 00A9 169 169 100B9	Ü 009A 154 <b>7</b> 00AA 170 UBA	<b>Ø</b> 009B 155 <b>1⁄2</b> 00AB 171 <b>ヿ</b> 00BB	<b>£</b> 009C 156 <b>1⁄4</b> 00AC 172 <b>_</b> ] 00BC	<b>Ø</b> 009D 157 <b>i</b> 00AD 173 <b>J</b> 00BD	Pts 009E 158 « 00AE 174 J 00BE	<i>f</i> 009F 159 <b>¤</b> 00AF 175
Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 á 00A0 160 00B0 176	<b>28</b> 0091 145 <b>Í</b> 00A1 161 	Æ         0092         146         Ó         00A2         162         Ø         00B2         178	<ul> <li>ô</li> <li>0093</li> <li>147</li> <li>ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>00B3</li> <li>179</li> </ul>	Ö           0094           148           Ñ           00A4           164           –           00B4           180	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165 <b>=</b> 00B5 181	<b>Û</b> 0096     150 <b>a</b> 00A6     166 <b>Ⅰ</b> 00B6     182	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>1</b> 00B7 183	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168 <b>7</b> 00B8 184	Ö 0099 153 <b>F</b> 00A9 169 <b>J</b> 00B9 185	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171 <b>7</b> 00BB 187	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b></b> 00BC 188	Ø 009D 157 i 00AD 173 JJ 00BD 189	Pts 009E 158 « 00AE 174 J 00BE 190	<b>f</b> 009F 159 <b>¤</b> 00AF 175 <b>7</b> 00BF 191
Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160 00B0 176 L	<b>28</b> 0091 145 <b>Í</b> 00A1 161 	Æ         0092         146         Ó         00A2         162         Ø         00B2         178         T	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> </ul>	Ö 0094 148 <b>Ñ</b> 00A4 164 	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>↓</li> </ul>	Û 0096 150 a 00A6 166 166 182 ■	Ù 0097 151 0 00A7 167 ₽ 00B7 183 ₽	ў 0098 152 <b>с</b> 00А8 168 <b>7</b> 00B8 184 Ц	Ö 0099 153 <b>⊢</b> 00A9 169 169 185 185	Ü 009A 154 00AA 170 ■ 00BA 186 ⊥L	Ø 009B 155 1⁄2 00AB 171 ☐ 00BB 187	£ 009C 156 1⁄4 00AC 172 1] 00BC 188	Ø 009D 157 i 00AD 173 JJ 00BD 189	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓	<b>f</b> 009F 159 <b>¤</b> 00AF 175 175
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0	<b>8</b> 0091 145 <b>Í</b> 00A1 161 161 177 <b>L</b> 00C1	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>₩</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> </ul>	Ö 0094 148 Ñ 00A4 164 − 180 − 00C4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> </ul>	Û     0096     150     a     00A6     166     H     00B6     182     ⊨     00C6	<b>Ù</b> 0097 151 00A7 167 <b>ヿ</b> 00B7 183 <b>나</b> 00C7	ў 0098 152 <b>с</b> 00А8 168 <b>7</b> 00B8 184 <b>L</b> 00C8	Ö 0099 153 <b>F</b> 00A9 169 <b>→</b> 185 185 <b>□</b> 00B9 185	Ü 009A 154	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171 <b>7</b> 00BB 187 <b>7</b> 00CB	£ 009C 156 1⁄4 00AC 172 J 00BC 188 188 ■ <b>⊢</b> 00CC	<b>Ø</b> 009D 157 <b>i</b> 00AD 173 <b>J</b> 00BD 189 <b>=</b> 00CD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ ↓ 00CE	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 	Æ           0092           146           Ó           00A2           162           00B2           178           T           00C2           194	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> </ul>	Û 0096 150 a 00A6 166 ↓ 00B6 182 ↓ 00C6 198	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>□</li> <li>□</li> <li>00B7</li> <li>183</li> <li>□</li> /ul>	<b>ÿ</b> 0098 152 <b>¿</b> 00A8 168 <b>7</b> 00B8 184 <b>Ц</b> 00C8 200	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 169 <b>1</b> 169 185 185 <b>Ⅰ</b> <b>Ⅰ</b> 00C9 201	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 Ⅱ <b>⊥</b> 00CA 202	Ø 009B 155 1⁄2 00AB 171	€ 009C 156 1⁄4 00AC 172 Ⅰ	Ø 009D 157 i 00AD 173 JJ 00BD 189 = 00CD 205	Pts 009E 158 ≪ 00AE 174 J 00BE 190 190 190 206	<i>f</i> 009F 159 <b>¤</b> 00AF 175 <b></b> 00BF 191 <b>⊥</b> 00CF 207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 1 <u>µ</u>	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 1777 <b>L</b> 00C1 193 <b>T</b>	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>162</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li> </li> <li>00B3</li> <li>179</li> <li> </li> <li>00C3</li> <li>195</li> <li> L</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> </ul>	Û     0096     150     a     00A6     166     -     □     00B6     182     □     □     00C6     198     □	<b>Ù</b> 0097 151 00A7 167 <b>∏</b> 00B7 183 <b>〕</b> 00C7 199 <b>↓</b>	ÿ 0098 152 ¿ 00A8 168 ₹ 00B8 184 止 00C8 200 ↓	Ö 0099 153 <b>F</b> 00A9 169 <b>Ⅰ</b> 169 <b>Ⅰ</b> 185 185 185 00C9 201 <b>⅃</b>	Ü 009A 154	Ø 009B 155 1/2 00AB 171 7 00BB 187 7 <b>F</b> 00CB 203	£ 009C 156 1⁄4 00AC 172 1 1 00BC 188 188 00CC 204	Ø 009D 157 i 00AD 173 JJ 00BD 189 = 00CD 205	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206	<i>f</i> 009F 159 <b>¤</b> 00AF 175 7 00BF 191 <b>⊥</b> 00CF 207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>L</b> 00C0 192	88         0091         145         Í         00A1         161         100B1         1777         ⊥         000C1         193         〒         00D1	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>162</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> <li>00D2</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>00B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>L</li> <li>00D3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> </ul>	Î     Û     0096     150     a     00A6     166     H     00B6     182     F     00C6     198     I     00D6	<b>Ù</b> 0097     151 <b>o</b> 00A7     167 <b>∏</b> 00B7     183 <b>➡</b> 00C7     199 <b>➡</b> 00D7	ÿ 0098 152 ¿ 00A8 168 ¬ 00B8 184 止 00C8 200 ↓ 00D8	Ö 0099 153 <b>F</b> 00A9 169 <b>→</b> 185 185 <b>F</b> 00C9 201 <b>→</b> 201 <b>→</b> 201 <b>→</b> 201 <b>→</b> 201	Ü 009A 154 <b>¬</b> 00AA 170 ■ 00BA 186 <u>JL</u> 00CA 202 <b>Г</b> 00DA	Ø 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 J 00BC 188 □ □ 00BC 204 □ 00DC	Ø 009D 157 i 00AD 173 J 00BD 189 = 00CD 205 00DD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0 192 192 192 00D0 208	<b>8</b> 0091 145 <b>Í</b> 00A1 161 00B1 177 <b>L</b> 00C1 193 <b>T</b> 00D1 209	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> <li>00D2</li> <li>210</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li> </li> <li>00B3</li> <li>179</li> <li> </li> <li>00C3</li> <li>195</li> <li> L</li> <li>00D3</li> <li>211</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> </ul>	Î     Û     0096     150     a     00A6     166     H     00B6     182     E     00C6     198     I     00D6     214	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>□</li> <li>00B7</li> <li>183</li> <li>□</li> /ul>	ÿ 0098 152 2 00A8 168 ¬ 00B8 184 止 00C8 200 ↓ 00D8 216	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>I</b> <b>F</b> 00C9 201 J 00D9 217	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 <u>Ⅲ</u> 00CA 202 <b>Г</b> 00DA 218	Ø 009B 155 1⁄2 00AB 171	£ 009C 156 1/4 00AC 172 J J 00BC 188 00CC 204 00DC 220	Ø 009D 157 i 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221	Pts 009E 158 ( 00AE 174 J 00BE 190 190 190 206 206 206 222	f         009F         159         ¤         00AF         175         ¶         00BF         191         ⊥         00CF         207         ■         00DF         223
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>Щ</li> <li>00D0</li> <li>208</li> <li>α</li> </ul>	<b>88</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b>	Æ         0092         146         Ó         00A2         162         ∭         00B2         178         T         00C2         194         T         00D2         210         Γ	<ul> <li>ô</li> <li>0093</li> <li>147</li> <li>ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>00B3</li> <li>179</li> <li>-</li> <li>000B3</li> <li>179</li> <li>-</li> <li>00C3</li> <li>195</li> <li>-</li> <li>-</li> <li>00D3</li> <li>211</li> <li>-</li>         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         L         00D4         212         Σ</td><td><ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>σ</li> </ul></td><td>Û     0096     150     a     00A6     166     166     182     F     00D6     198     F     00D6     214     µ</td><td><ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>➡</li> <li>00C7</li> <li>199</li> <li>➡</li> <li>00D7</li> <li>215</li> <li>T</li> </ul></td><td>ÿ 0098 152 ċ 00A8 168 ₹ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ</td><td>Ö 0099 153 <b>F</b> 00A9 169 <b>→</b> 185 185 185 00C9 201 <b>↓</b> 00D9 217 <b>○</b></td><td>Ü 009A 154 <b>Γ</b> 00AA 170 <b>Π</b> 00BA 186 <b><u>IL</u> 00CA 202 <b>Γ</b> 00DA 218 <b>Ω</b></b></td><td>Ø 009B 155 1/2 00AB 171</td><td>£ 009C 156 1/4 00AC 172 J 00BC 188 00BC 204 00DC 220 00DC 220</td><td>Ø 009D 157 i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221 00DD</td><td>Pts 009E 158 00AE 174 J 00BE 190 ↓ 190 ↓ 206 00CE 206 00DE 222 222</td><td>f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩</td></li></ul>	Ö         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         L         00D4         212         Σ	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>σ</li> </ul>	Û     0096     150     a     00A6     166     166     182     F     00D6     198     F     00D6     214     µ	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>➡</li> <li>00C7</li> <li>199</li> <li>➡</li> <li>00D7</li> <li>215</li> <li>T</li> </ul>	ÿ 0098 152 ċ 00A8 168 ₹ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ	Ö 0099 153 <b>F</b> 00A9 169 <b>→</b> 185 185 185 00C9 201 <b>↓</b> 00D9 217 <b>○</b>	Ü 009A 154 <b>Γ</b> 00AA 170 <b>Π</b> 00BA 186 <b><u>IL</u> 00CA 202 <b>Γ</b> 00DA 218 <b>Ω</b></b>	Ø 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 J 00BC 188 00BC 204 00DC 220 00DC 220	Ø 009D 157 i 00AD 173 JJ 00BD 189 = 00CD 205 00DD 221 00DD	Pts 009E 158 00AE 174 J 00BE 190 ↓ 190 ↓ 206 00CE 206 00DE 222 222	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>IL</li> <li>00D0</li> <li>208</li> <li>C</li> <li>00E0</li> </ul>	<b>88</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>B</b> 00E1	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> <li>00D2</li> <li>210</li> <li>Г</li> <li>00E2</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>00B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>□</li> <li< td=""><td>Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4</td><td><ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li></li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00C5</li> <li>213</li> <li>O</li> <li>00E5</li> </ul></td><td><ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>→</li> <li>00B6</li> <li>182</li> <li>⊨</li> <li>00C6</li> <li>198</li> <li>□</li> li></ul></td><td><ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>□</li> <li>00B7</li> <li>183</li> <li>□</li> <li>□</li> <li>00C7</li> <li>199</li> <li>□</li> <li>□</li> <li>□</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> </ul></td><td>ÿ 0098 152 2 00A8 168 ¶ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ 00E8</td><td>Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>⊙</b> 00E9</td><td>Ü 009А 154 7 00АА 170 Ш 00ВА 186 <u>JL</u> 00СА 202 Г 00DА 218 <b>Q</b> 00ЕА</td><td>Ø 009B 155 1/2 00AB 171 T 7 00BB 187 T 7 00CB 203 00DB 219 00EB</td><td>£ 009C 156 1/4 00AC 172 J 00BC 188 □ L 00CC 204 00DC 220 ∞ 00EC</td><td>Ø 009D 157 i 00AD 173 J 00BD 189 = 00CD 205 00DD 221 00DD 221 <b>♀</b></td><td>Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE 222 222 € 00EE</td><td>f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF</td></li<></ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           L           00D4           212           Σ           00E4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li></li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00C5</li> <li>213</li> <li>O</li> <li>00E5</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>→</li> <li>00B6</li> <li>182</li> <li>⊨</li> <li>00C6</li> <li>198</li> <li>□</li> li></ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>□</li> <li>00B7</li> <li>183</li> <li>□</li> <li>□</li> <li>00C7</li> <li>199</li> <li>□</li> <li>□</li> <li>□</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> </ul>	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 L 00C8 200 ‡ 00D8 216 Φ 00E8	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>⊙</b> 00E9	Ü 009А 154 7 00АА 170 Ш 00ВА 186 <u>JL</u> 00СА 202 Г 00DА 218 <b>Q</b> 00ЕА	Ø 009B 155 1/2 00AB 171 T 7 00BB 187 T 7 00CB 203 00DB 219 00EB	£ 009C 156 1/4 00AC 172 J 00BC 188 □ L 00CC 204 00DC 220 ∞ 00EC	Ø 009D 157 i 00AD 173 J 00BD 189 = 00CD 205 00DD 221 00DD 221 <b>♀</b>	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE 222 222 € 00EE	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>JL</li> <li>00D0</li> <li>208</li> <li>C</li> <li>00E0</li> <li>224</li> </ul>	<b>88</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>T</b> 00D1 209 <b>ß</b> 00E1 225	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> <li>00D2</li> <li>210</li> <li>Γ</li> <li>00E2</li> <li>226</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>00B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>□</li> li></ul>	Ö         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         L         00D4         212         Σ         00E4         228	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>E</li> <li>229</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>→</li> <li>00B6</li> <li>182</li> <li>↓</li> <li>00C6</li> <li>198</li> <li>↓</li> <li>00D6</li> <li>214</li> <li>↓</li> <li>00E6</li> <li>230</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>П</li> <li>00B7</li> <li>183</li> <li>→</li> <li>00C7</li> <li>199</li> <li>→</li> <li>→</li> <li>00D7</li> <li>215</li> <li>T</li> <li>00E7</li> <li>231</li> </ul>	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 止 00C8 200 ‡ 00D8 216 Φ 00E8 232	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 00B9 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 00E9 233	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 <u>Ⅱ</u> 00CA 202 <b>Г</b> 00DA 218 <b>Ω</b> 00EA 234	Ø 009B 155 1⁄2 00AB 171	£ 009C 156 1/4 00AC 172 J J 00BC 188 00CC 204 00DC 220 00DC 220 00EC 236	Ø 009D 157 i 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221 00DD 221 <b>♀</b> 00ED 237	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 206 206 206 202 206 00DE 222 222 8 00EE 238	f         009F         159         ¤         00AF         175         ¶         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF         239
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>Щ</li> <li>00C0</li> <li>192</li> <li>Щ</li> <li>00D0</li> <li>208</li> <li>C</li> <li>00E0</li> <li>224</li> <li>Ξ</li> </ul>	80 0091 145 Í 00A1 161 00B1 1777 ⊥ 00C1 193 〒 00D1 209 <b>ß</b> 00E1 225 ±	Æ         0092         146         Ó         00A2         162         ∭         00B2         178         T         00C2         194         T         00D2         210         C         00E2         226         ≥	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li> </li> <li>00B3</li> <li>179</li> <li> </li> <li>00C3</li> <li>195</li> <li> L</li> <li>00D3</li> <li>211</li> <li>T</li> <li>00E3</li> <li>227</li> <li>≤</li> </ul>	Ö         0094         148         Ñ         00A4         164         -         00B4         180         -         00C4         196         L         00D4         212         Σ         00E4         228	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>E</li> <li>229</li> <li>J</li> </ul>	Û 0096 150 a 00A6 166 182 ↓ 00B6 182 ↓ 00C6 198 ¶ 00D6 214 ↓ 00E6 230 ÷	<b>Ù</b> 0097     151 <b>o</b> 00A7     167 <b>T</b> 00B7     183 <b>H</b> 00C7     199 <b>H</b> 00D7     215 <b>T</b> 00E7     231 <b>≈</b>	ÿ 0098 152 2 00A8 168 ¬ 00B8 184 Ш 00C8 200 ÷ 00D8 216 Φ 00E8 232 •	Ö 0099 153 <b>F</b> 00A9 169 <b>I</b> 169 <b>I</b> 169 <b>I</b> 185 <b>I</b> <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>⊙</b> 00E9 233 •	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 <u>Ⅲ</u> 00CA 202 <b>Г</b> 00DA 218 <b>Ω</b> 00EA 234 •	Ø 009B 155 1/2 00AB 171 T 00BB 187 T T 00CB 203 00DB 219 00CB 235 √	£ 009C 156 1/4 00AC 172 J 00BC 188 188 ■ C 204 204 00DC 220 204 00DC 220 00DC 220 00EC 236 n	Ø 009D 157 i 00AD 173 JJ 00BD 189 ■ 00CD 205 00DD 221 00DD 221 00ED 237 2	Pts 009E 158 « 00AE 174 J 00BE 190 ↓ ↓ 00CE 206 00DE 222 222 € 00EE 238	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF         239         NBSP
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	<ul> <li>É</li> <li>0090</li> <li>144</li> <li>á</li> <li>00A0</li> <li>160</li> <li>00B0</li> <li>176</li> <li>L</li> <li>00C0</li> <li>192</li> <li>IL</li> <li>00D0</li> <li>208</li> <li>C</li> <li>00E0</li> <li>224</li> <li>E</li> <li>00F0</li> </ul>	88 0091 145 Í 00A1 161 00B1 177 ⊥ 00C1 193 〒 00D1 209 ₿ 00E1 225 ± 00F1	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>T</li> <li>00D2</li> <li>210</li> <li>C</li> <li>226</li> <li>≥</li> <li>00F2</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>163</li> <li>00B3</li> <li>179</li> <li>⊢</li> <li>00C3</li> <li>195</li> <li>L</li> <li>00D3</li> <li>211</li> <li>Π</li> <li>00E3</li> <li>227</li> <li>≤</li> <li>00F3</li> </ul>	Ö 0094 148 Ñ 00A4 164 - 180 - 00B4 180 - 00C4 196 <b>E</b> 00D4 212 Σ 00E4 228 ∫ 00F4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>=</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>F</li> <li>00D5</li> <li>213</li> <li>O</li> <li>5</li> <li>229</li> <li></li> <li>00F5</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>→</li> <li>00B6</li> <li>182</li> <li>⊨</li> <li>00C6</li> <li>198</li> <li>□</li> /ul>	<b>Ù</b> 0097     151 <b>0</b> 00A7     167 <b>1</b> 00B7     183 <b>➡</b> 00C7     199 <b>➡</b> 00D7     215 <b>T</b> 00E7     231 <b>≈</b> 00F7	ÿ 0098 152 2 00A8 168 ¶ 00B8 184 L 00C8 200 ╪ 00D8 216 Φ 00E8 232 • 00F8	Ö 0099 153 <b>F</b> 00A9 169 <b>1</b> 185 <b>F</b> 00C9 201 <b>J</b> 00D9 217 <b>O</b> 217 <b>O</b> 233 <b>·</b> 00F9	Ü 009A 154 <b>¬</b> 00AA 170 ■ 00BA 186 <b>JL</b> 00CA 202 <b>Γ</b> 00DA 218 <b>Ω</b> 00EA 234 • 00FA	Ø 009B 155 1/2 00AB 171 T 00BB 187 T 00CB 203 00DB 219 δ 00EB 235 √ 00FB	£ 009C 156 1/4 00AC 172 J 00BC 188 □ L C 00CC 204 00DC 220 00DC 220 00DC 220 00EC 236 n 00FC	Ø 009D 157 i 00AD 173 J 00BD 189 = 00CD 205 00DD 221 00DD 221 00ED 237 2 00FD	Pts 009E 158 ≪ 00AE 174 J 00BE 190 ↓ 190 00CE 206 00DE 222 222 € 00EE 238 ■ 00FE	f         009F         159         ¤         00AF         175         ¬         00BF         191         ⊥         00CF         207         ■         00DF         223         ∩         00EF         239         NBSP         00FF

PC865 CODE TABLE (Nordic)

PC858 CODE TABLE (Euro symbol)

Char	SP	1	"	#	\$	%	&	6	(		*	+	_	-		1
Hex	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	, 002C	002D	002E	002F
Dec	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Char	0	1	2	3	4	5	6	7	8	9	•	•	<	=	>	?
Hex	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	, 003B	003C	003D	003E	003F
Dec	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Char	0	Δ	B	C	П	F	F	G	н			к		м	N	0
Hex	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
Dec	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Char	Р	0	R	S	т	u	v	w	X	Y	7	г	1	1	•	
Hex	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	 005E
Dec	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Char	•	а	h	C	d	6	f	a	h	i	i	k		m	n	0
Hex	0060	0061	0062	0063	0064	0065	0066	9 0067	0068	0069	006A	006B	006C	006D	006F	006F
Dec	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
Char	р	a	r	s	t	u	v	w	x	v	z	{		}	~	$\  \   \land$
Hex	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
Dec	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
Char	Ç	ü	é	â	ä	à	å	ç	ê	ë	è	ï	î	ì	Ä	Å
Hex	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
Dec	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
							-									
Char	É	æ	Æ	Ô	ö	Ò	û	ù	ÿ	Ö	Ü	ø	£	Ø	×	f
Char Hex	<b>É</b> 0090	<b>æ</b> 0091	<b>Æ</b> 0092	<b>Ô</b> 0093	<b>Ö</b> 0094	<b>Ò</b> 0095	<b>û</b> 0096	<b>ù</b> 0097	<b>ÿ</b> 0098	<b>Ö</b> 0099	<b>Ü</b> 009A	<b>Ø</b> 009B	<b>£</b> 009C	<b>Ø</b> 009D	<b>×</b> 009E	<b>f</b> 009F
Char Hex Dec	<b>É</b> 0090 144	<b>æ</b> 0091 145	<b>Æ</b> 0092 146	<b>Ô</b> 0093 147	<b>Ö</b> 0094 148	<b>Ò</b> 0095 149	<b>û</b> 0096 150	<b>Ù</b> 0097 151	<b>ÿ</b> 0098 152	<b>Ö</b> 0099 153	<b>Ü</b> 009A 154	<b>Ø</b> 009B 155	<b>£</b> 009C 156	<b>Ø</b> 009D 157	★ 009E 158	<b>f</b> 009F 159
Char Hex Dec Char	É 0090 144 <b>á</b>	æ 0091 145 Í	<b>Æ</b> 0092 146 <b>Ó</b>	<b>Ô</b> 0093 147 <b>Ú</b>	Ö 0094 148 <b>Ñ</b>	<b>Ò</b> 0095 149 <b>Ñ</b>	û 0096 150 <b>a</b>	<b>Ù</b> 0097 151 <b>0</b>	<b>ÿ</b> 0098 152 <b>¿</b>	Ö 0099 153 <b>R</b>	Ü 009A 154 <b>¬</b>	<b>Ø</b> 009B 155 <b>1⁄2</b>	<b>£</b> 009C 156 <b>1⁄4</b>	Ø 009D 157	× 009E 158 ≪	<b>f</b> 009F 159 <b>》</b>
Char Hex Dec Char Hex	É 0090 144 á 00A0	<b>20</b> 0091 145 <b>Í</b> 00A1	<b>Æ</b> 0092 146 <b>Ó</b> 00A2	<b>Ô</b> 0093 147 <b>Ú</b> 00A3	Ö 0094 148 <b>Ñ</b> 00A4	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5	<b>û</b> 0096 150 <b>a</b> 00A6	<b>Ù</b> 0097 151 <b>0</b> 00A7	ў 0098 152 с 00А8	Ö 0099 153 <b>R</b> 00A9	Ü 009A 154 <b>T</b> 00AA	Ø 009B 155 <b>1/2</b> 00AB	<b>£</b> 009C 156 <b>1/4</b> 00AC	Ø 009D 157 i 00AD	★ 009E 158 ≪ 00AE	<b>f</b> 009F 159 <b>»</b> 00AF
Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160	<b>20</b> 0091 145 <b>Í</b> 00A1 161	<b>Æ</b> 0092 146 <b>Ó</b> 00A2 162	<b>Ô</b> 0093 147 <b>Ú</b> 00A3 163	Ö 0094 148 <b>Ñ</b> 00A4 164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165	<b>Û</b> 0096 150 <b>a</b> 00A6 166	<b>Ù</b> 0097 151 <b>0</b> 00A7 167	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168	Ö 0099 153 ® 00A9 169	Ü 009A 154 <b>¬</b> 00AA 170	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171	£ 009C 156 1⁄4 00AC 172	Ø 009D 157 i 00AD 173	× 009E 158 « 00AE 174	<b>f</b> 009F 159 <b>»</b> 00AF 175
Char Hex Dec Char Hex Dec Char	É 0090 144 á 00A0 160	<b>20</b> 0091 145 <b>Í</b> 00A1 161	Æ         0092         146         Ó         00A2         162	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163	Ö           0094           148           Ñ           00A4           164	<b>Ò</b> 0095 149 <b>Ñ</b> 00A5 165 <b>Á</b>	Û 0096 150 a 00A6 166 Â	<b>Ù</b> 0097 151 <b>o</b> 00A7 167 <b>À</b>	<b>ÿ</b> 0098 152 <b>č</b> 00A8 168 <b>©</b>	Ö 0099 153 ® 00A9 169 H	Ü 009A 154 <b>7</b> 00AA 170	Ø 009B 155 1/2 00AB 171 <b>T</b>	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>_</b> ]	Ø 009D 157 i 00AD 173 ¢	× 009E 158 « 00AE 174 ¥	<b>f</b> 009F 159 <b>»</b> 00AF 175 <b>7</b>
Char Hex Dec Char Hex Dec Char Hex	É 0090 144 <b>á</b> 00A0 160	<b>22</b> 0091 145 <b>Í</b> 00A1 161 	Æ         0092         146         Ó         00A2         162         Ø         00B2	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163 00B3	Ö           0094           148           Ñ           00A4           164           –           00B4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> </ul>	<b>Û</b> 0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>À</b> 00B7	<b>ÿ</b> 0098 152 <b>ċ</b> 00A8 168 <b>ⓒ</b> 00B8	Ö 0099 153 ® 00A9 169 ↓ 00B9	Ü 009A 154 <b>7</b> 00AA 170 	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171 <b>T</b> 00BB	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>]</b> 00BC	Ø 009D 157 i 00AD 173 ¢ 00BD	× 009E 158 « 00AE 174 ¥ 00BE	<b>f</b> 009F 159 <b>»</b> 00AF 175 <b>7</b> 00BF
Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 á 00A0 160 00B0 176	<b>22</b> 0091 145 <b>Í</b> 00A1 161 00B1 177	Æ         0092         146         Ó         00A2         162         Ø         00B2         178	<b>ô</b> 0093 147 <b>Ú</b> 00A3 163   00B3 179	Ö           0094           148           Ñ           00A4           164           –           00B4           180	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> </ul>	<b>Û</b> 0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182	<b>Ù</b> 0097 151 <b>0</b> 00A7 167 <b>À</b> 00B7 183	ÿ 0098 152 ¿ 00A8 168 © 00B8 184	Ö 0099 153 ® 00A9 169 ↓ 00B9 185	Ü 009A 154 00AA 170 U 00BA 186	<b>Ø</b> 009B 155 <b>½</b> 00AB 171 <b>7</b> 00BB 187	<b>£</b> 009C 156 <b>1/4</b> 00AC 172 <b>J</b> 00BC 188	Ø 009D 157 i 00AD 173 ¢ 00BD 189	× 009E 158 « 00AE 174 ¥ 00BE 190	<b>f</b> 009F 159 <b>»</b> 00AF 175 <b>7</b> 00BF 191
Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160 00B0 176 L	<b>28</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>⊥</b>	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180	Ò     0095     149     Ñ     00A5     165     Á     00B5     181     +	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> </ul>	ÿ 0098 152 00A8 168 © 00B8 184 L	Ö 0099 153 ® 00A9 169 169 169 169 185	Ü 009A 154 <b>7</b> 00AA 170 UOBA 186 <u>L</u>	<b>Ø</b> 009B 155 <b>1/2</b> 00AB 171 <b>7</b> 00BB 187 <b>7</b>	€ 009C 156 1⁄4 00AC 172 ↓ 00BC 188 188	Ø 009D 157 i 00AD 173 ¢ 00BD 189 =	× 009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ ↓	<i>f</i> 009F 159 ≫ 00AF 175 ⊓ 00BF 191 <b>¤</b>
Char Hex Dec Char Hex Dec Char Hex Char Hex	É 0090 144 <b>á</b> 00A0 160 00B0 176 L 00C0	<b>28</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1	Æ           0092           146           Ó           00A2           162           Ø           00B2           178           T           00C2	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4	Ò     0095     149     Ñ     00A5     165     Á     00B5     181     +     00C5	<b>û</b> 0096 150 <b>a</b> 00A6 166 <b>Â</b> 00B6 182 <b>ã</b> 00C6	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> </ul>	ÿ           0098           152           ¿           00A8           168           ©           00B8           184           Ľ           00C8	Ö 0099 153	Ü 009A 154 <b>7</b> 00AA 170 <b>1</b> 00BA 186 <b>1</b> <b>L</b> 00CA	Ø 009B 155 1⁄2 00AB 171	€ 009C 156 1/4 00AC 172 IJ 00BC 188 ↓ F 00CC	Ø 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD	× 009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ ↓ 00CE	<i>f</i> 009F 159 ≫ 00AF 175 <b>7</b> 00BF 191 <b>¤</b> 00CF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192	<b>88</b> 0091 145 <b>Í</b> 00A1 161 161 177 <b>L</b> 00C1 193	Æ           0092           146           Ó           00A2           162           00B2           178           T           00C2           194	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> <li>00C6</li> <li>198</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> <li>199</li> </ul>	ÿ           0098           152           ¿           00A8           168           ©           00B8           184           L           00C8           200	Ö 0099 153 ® 00A9 169 <del> </del> 00B9 185 <b> </b> 00C9 201	Ü 009A 154 ¬ 00AA 170 ■ 00BA 186 <u>JL</u> 00CA 202	Ø 009B 155 1/2 00AB 171 ☐ 00BB 187 ☐ 00CB 203	<ul> <li>£</li> <li>009C</li> <li>156</li> <li>1⁄4</li> <li>00AC</li> <li>172</li> <li>⊥</li> <li>00BC</li> <li>188</li> <li>□</li> br/>009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205</td><td>× 009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ ↓ 00CE 206</td><td><i>f</i> 009F 159 ≫ 00AF 175 7 00BF 191 ₩ 00CF 207</td></li></ul>	Ø 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205	× 009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ ↓ 00CE 206	<i>f</i> 009F 159 ≫ 00AF 175 7 00BF 191 ₩ 00CF 207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>ð</b>	<b>28</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b>	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>Ê</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>→</li> <li>00B3</li> <li>179</li> <li>→</li> <li>00C3</li> <li>195</li> <li>Ė</li> </ul>	Ö 0094 148 Ñ 00A4 164  00B4 180  00C4 196 È	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>€</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> <li>00C6</li> <li>198</li> <li>Í</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> <li>199</li> <li>Î</li> </ul>	ÿ 0098 152 00A8 168 © 00B8 184 L 00C8 200 Ï	Ö 0099 153 ® 00A9 169 169 169 185 ■ 000B9 185 ■ 000C9 201 J	Ü 009А 154 <b>Г</b> 00АА 170 Ш 00ВА 186 <u>JL</u> 00СА 202 Г	Ø 009B 155 1⁄2 00AB 171	£ 009C 156 1⁄4 00AC 172 J 00BC 188 188 □ F 00CC 204	Ø 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 ¦	× 009E 158 ( 00AE 174 ¥ 00BE 190 ↓ ↓ 00CE 206 Ì	<i>f</i> 009F 159 ≫ 00AF 175 7 00BF 191 <b>¤</b> 00CF 207
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex	É 0090 144 á 00A0 160 00B0 176 L 00C0 192 ð 00D0	<b>28</b> 0091 145 <b>Í</b> 00A1 161 00B1 1777 <b>L</b> 00C1 193 <b>Đ</b> 00D1	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>Ê</li> <li>00D2</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> <li>Ė</li> <li>00D3</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           È           00D4	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>€</li> <li>00D5</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> <li>00C6</li> <li>198</li> <li>Í</li> <li>00D6</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> <li>199</li> <li>Î</li> <li>00D7</li> </ul>	ÿ           0098           152           ¿           00A8           168           ©           00B8           184           Ľ           00C8           200           Ï           00D8	Ö 0099 153 € 00A9 169 ↓ 169 ↓ 169 185 Ⅰ F 00C9 201 ↓ 00D9	Ü 009A 154 <b>¬</b> 00AA 170 Ⅲ 00BA 186 Ⅱ 186 186 202 Г 00DA	Ø 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 J J 00BC 188 188 ↓ F 00CC 204	Ø 009D 157 i 00AD 173 ¢ 00BD 189 ≡ 00CD 205 ¦ 00DD	× 009E 158 ≪ 00AE 174 ¥ 00BE 190 ↓ 190 00CE 206 Ì 00DE	f 009F 159 >> 00AF 175 7 00BF 191 ₩ 00CF 207 00DF
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec	É 0090 144 <b>á</b> 00A0 160 176 L 00C0 192 <b>ð</b> 00D0 208	<b>&amp;</b> 0091 145 <b>Í</b> 00A1 161 161 161 177 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209	Æ         0092         146         Ó         00A2         162         Ø         00B2         178         T         00C2         194         Ê         00D2         210	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>↓</li> <li>00B3</li> <li>179</li> <li>↓</li> <li>00C3</li> <li>195</li> <li>Ë</li> <li>00D3</li> <li>211</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           È           00D4           212	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>€</li> <li>00D5</li> <li>213</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> <li>00C6</li> <li>198</li> <li>Í</li> <li>00D6</li> <li>214</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> <li>199</li> <li>Î</li> <li>00D7</li> <li>215</li> </ul>	ÿ 0098 152 ¿ 00A8 168 © 00B8 184 止 00C8 200 ï 00D8 216	Ö 0099 153	Ü 009A 154 ¬ 00AA 170 ■ 00BA 186 <u>JL</u> 00CA 202 C 00DA 218	Ø 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 J 00BC 188 188 1E 00CC 204 00DC 220	Ø 009D 157 i 00AD 173 ¢ 00BD 189 ■ 00CD 205 i 00DD 221	<ul> <li>×</li> <li>009E</li> <li>158</li> <li>≪</li> <li>00AE</li> <li>174</li> <li>¥</li> <li>00BE</li> <li>190</li> <li>↓</li> <li>↓</li> <li>00CE</li> <li>206</li> <li>↓</li> <li>00DE</li> <li>222</li> </ul>	<i>f</i> 009F 159
Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char Hex Dec Char	É 0090 144 á 00A0 160 00B0 176 L 00C0 192 ð 00D0 208 Ó	<b>28</b> 0091 145 <b>Í</b> 00A1 161 177 <b>L</b> 00C1 193 <b>Đ</b> 00D1 209 <b>ß</b>	<ul> <li>Æ</li> <li>0092</li> <li>146</li> <li>Ó</li> <li>00A2</li> <li>162</li> <li>00B2</li> <li>178</li> <li>T</li> <li>00C2</li> <li>194</li> <li>Ê</li> <li>00D2</li> <li>210</li> <li>Ô</li> </ul>	<ul> <li>Ô</li> <li>0093</li> <li>147</li> <li>Ú</li> <li>00A3</li> <li>163</li> <li>→</li> <li>00B3</li> <li>179</li> <li>→</li> <li>00C3</li> <li>195</li> <li>Ė</li> <li>00D3</li> <li>211</li> <li>Ò</li> </ul>	Ö           0094           148           Ñ           00A4           164           -           00B4           180           -           00C4           196           È           00D4           212           Õ	<ul> <li>Ò</li> <li>0095</li> <li>149</li> <li>Ñ</li> <li>00A5</li> <li>165</li> <li>Á</li> <li>00B5</li> <li>181</li> <li>+</li> <li>00C5</li> <li>197</li> <li>€</li> <li>00D5</li> <li>213</li> <li>Õ</li> </ul>	<ul> <li>Û</li> <li>0096</li> <li>150</li> <li>a</li> <li>00A6</li> <li>166</li> <li>Â</li> <li>00B6</li> <li>182</li> <li>ã</li> <li>00C6</li> <li>198</li> <li>Í</li> <li>00D6</li> <li>214</li> <li>µ</li> </ul>	<ul> <li>Ù</li> <li>0097</li> <li>151</li> <li>O</li> <li>00A7</li> <li>167</li> <li>À</li> <li>00B7</li> <li>183</li> <li>Ã</li> <li>00C7</li> <li>199</li> <li>Î</li> <li>00D7</li> <li>215</li> <li>Þ</li> </ul>	ÿ 0098 152 2 00A8 168 © 00B8 184 L 00C8 200 ï 00D8 216 ₽	Ö 0099 153 ® 00A9 169 ↓ 00B9 185 ■ 00C9 201 ↓ 00D9 217 Ú	Ü 009A 154 <b>¬</b> 00AA 170 ■ 00BA 186 <u>JL</u> 00CA 202 Γ 00DA 218 <b>Û</b>	Ø 009B 155 1/2 00AB 171	£ 009C 156 1/4 00AC 172 IJ 00BC 188 ↓ F 00CC 204 00DC 220 ý	Ø 009D 157 i 00AD 173 ¢ 00BD 189 = 00CD 205 i 00DD 221 Ý	<ul> <li>×</li> <li>009E</li> <li>158</li> <li>≪</li> <li>00AE</li> <li>174</li> <li>¥</li> <li>00BE</li> <li>190</li> <li>↓</li> <li>↓</li> <li>00CE</li> <li>206</li> <li>↓</li> <li>00DE</li> <li>222</li> <li>−</li> </ul>	<i>f</i> 009F 159 >> 00AF 175 ¶ 00BF 191 # 00CF 207 00DF 223 <
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NOTE: To print the Euro (€) symbol, the command sequence is: \$1B, \$74, \$13, \$D5 (see Commands Manual).





# 8 CONSUMABLES

The following table shows the list of available consumables for device:









# 9 ACCESSORIES

The available accessories for the device are listed in the following table:



## 9.1 Adapter cable for power supply

For the device is available an adapter cable (cod. 2690000000005) supplied as an accessory, for connecting the printer to the external power supply unit (cod. 963GE020000003 - optional).

#### **ASSEMBLY INSTRUCTIONS**

Connect the adapter cable to the power supply unit as follows:



## 9.2 Paper roll holder

A paper roll holder kit (cod.974DW010000318) is available for the printer to make it possible to use larger-width rolls of paper.

The paper roll holder can be only assembled on the left side of the printer as shown in the following figures.

The kit includes (see figure):

- 1. Instruction sheet
- 2. Tie for roll blocking
- 3. No. 4 fastening screws
- 4. Paper holder support with near paper end sensor and regulating system for paper width.





The following figure shows the printer dimensions with the paper roll holder assembled:



### 9.3 "Shutter" device

A "shutter" device (cod.976DX010000001) is available for the printer. This device prevents the insertion of paper or foreign objects into the outlet of the paper.

The kit includes (see figure):

- 1. Instruction sheet
- 2. "Shutter" group



NOTE: To assemble the kit refer to the instruction sheet enclosed with the kit.



The following figure shows the printer dimensions with the "shutter" device assembled:



# **10 ALIGNMENT**

Device is provided with sensors for the use of alignment notch in order to handle roll of tickets with pre-printed fields and a fixed length.

The alignment sensors assembled on printer, are "reflection" sensors: this kind of sensor emits a band of light and detects the quantity of light reflected to it.

The presence of the notch is therefore detected by the amount of light that returns to the sensor, considering that the light is reflected by the white paper and absorbed by the black mark.

The following paragraphs show how to correctly set the configuration parameters of device in order to assure the alignment.

### **10.1 Enable alignment**

To guarantee the alignment, it is necessary to enable the parameter "Notch Alignment" during the Setup procedure (see chapter 5).

# 10.2 Calibration

The sensor calibration occurs automatically and consists in adjusting the quantity of light emitted to match the degree of whiteness of the paper used and the degree of black of the mark printed on paper.

The device automatically performs the self-calibration during the Setup procedure only if the "Notch Alignment" parameter is set to "Enabled" value (see chapter 5).

When self-calibration starts, the device performs some paper feeds and then it prints the calibration result and the value (numeric and as a percentage) of the *"Threshold White"* parameter that indicates the power-up level of the sensor emitting side (the value ranges from 0V to 5V):

Autosetting Notch : OK Threshold White : 2,3V [70%]

The "Autosetting Notch" parameter indicates the result of the self-calibration procedure; OK will appear if it has been successful, NOT OK will appear if the procedure has failed.

After the printing of the procedure result, the device offers the execution of the function of paper characterization "Characterize Paper" and the change of the "Notch Threshold" parameter which represents the detection threshold of the notch.

Choosing the "Yes" value for the "Characterize Paper" parameter, the device prints a graphic representation (see following figures) of the outgoing voltage of the alignment sensor (expressed as a percentage) and the "Notch Threshold" value.

This graphic representation is useful to set the most suitable value to assign to the "Notch Threshold" parameter and then to better identify the optimal threshold value which takes into account the variations of the signal and the small oscillations around zero.



# 10. ALIGNMENT

The following figure shows an example of paper with the non-thermal paper printed with black marks: the outgoing voltage is constant while passing the white paper between two notches and presents a peak at each black mark. In this case, the optimal value for the "Notch Threshold" parameter is placed about half of the peak.



The following figure shows an example of paper with the non-thermal paper printed with black marks and other graphics (for example, a barcode): the outgoing voltage is constant while passing the white paper between two notches, presents a peak at each black mark and presents some "noise" at each barcode.

In this case, the optimal value for the "Notch Threshold" parameter is located about halfway between the peak value and the maximum value of the "noise".





If the maximum value of "noise" read by the sensor is very close to the peak value, it might be difficult to place the value of the "Notch/B.Mark Threshold" at an intermediate point. In these cases, it is mandatory that the portion of paper between the point of printing end and the front notch is completely white (no graphics). In this way, the only next graphic detected by the sensor for alignment after the printing end will be the notch.

### **10.3 Alignment parameters**

The "alignment point" is defined as the position inside the ticket to use for the notch alignment. The distance between the notch edge and the alignment point is defined as "Notch Distance". If the "Notch Distance" value is set to 0, the alignment point is set at the beginning of the notch.



The value of "Notch Distance" varies from 0mm minimum and 32mm maximum (this value is fix according to the mechanical distance between notch sensor and printing head)



The following figure shows a section of the device with the distances between the alignment sensors, the printing head and the cutter (cutting line):



### ESC/POS™ EMULATION

To define the alignment point you need to set the printer parameters that compose the numerical value of the "Notch Distance" parameter.

For example, to set a notch distance of 15 mm between the notch and the alignment point, the parameters must be set on the following values:

Notch Distance [mm x 10] : 1 Notch Distance [mm x 1] : 5

The "Notch Distance" parameter, may be modified as follows:

- during the Setup procedure of the device (see chapter 5)
- by using the \$1D \$E7 command (for more details, refer to the Commands Manual)
- by driver.
## 10.4 Printing area

It is important to well calibrate the height of the printing area of ticket according to the inter-notch distance, in order to print ticket containing only one notch and to not overlay printing to a notch (that will make it useless for the next alignment).

The following figure shows an example of tickets with "Notch Distance" set to 0:



- A "Non-printable area" = "Distance between cutter/printing head" = 11,9 mm (fixed distance)
- H Distance between the first and the last print line, called "Height of the printing area".
- L Distance between an edge of the notch and the next one, called "Inter-notch distance".
- D Automatic feed for alignment at the next notch.

To use all the notches on the paper, you must comply with the following equation:

### $H + A \leq L$

The height of the printing area (H) can be increased to make no progress on alignment (D = 0) but no further.







# 11 TECHNICAL SERVICE

In case of failure, contact the Technical Service by sending an e-mail to support@custom.it detailing:

- 1. Product code
- 2. Serial number
- 3. Hardware release
- 4. Firmware release

To get the necessary data, proceed as follows:









# **12 ADVANCED FUNCTIONS**

## 12.1 File sharing

The printer can be connected to a Personal Computer through two types of connections (see par.3.3):

- 1. with USB cable
- 2. with Ethernet cable.

In case of Ethernet connection, it is possible to manage drivers, fonts and logos of the printer and configure the operating parameters by entering the Embedded Web Server.





## 12.2 Embedded Web Server

Printers are equipped with an Embedded Web Server that allows to execute some operations on printers, through a clear web interface, including:

- monitoring the printer status;
- setting operating parameters;
- configuring network settings;
- managing the logos;
- configuring the email service to make diagnostics and maintenance operations easier;
- download printing drivers.

Before entering in the Embedded Web Server, check that:

- the printer is connected and turned on;
- the printer has a network connection based on the IP protocol;
- the following ports are opened (if a Firewall is present on computer): 9100 (or differently set up). 15000, 15001, 15002;
- have a Web browser on the computer;
- the printer is connected to the network and its IP address and its Subnet Mask are set up in a correct way. To
  check the setting of these parameters, open a new terminal window and type "ping" on the command bar followed
  by the IP address of the printer. The picture shows an example of a positive result after the "ping" command.
  Otherwise, if connection isn't possible, to its IP address, a failure notice will appear.

Example: ping 192. 168. 10. 37





## 12.3 Embedded Web Server: access

To enter the Embedded Web Server, type the IP address assigned to the printer into Web browser. For example, if IP address of the printer is 192.168.10.37, type in the Web browser:

http://192.168.10.37

On the screen will appear the internal default page that corresponds to the section "Device Info" The home page is divided into 6 areas whose functions are described below:

### 1. SECTIONS:

The web server has six sections listed within each web page. These sections are: Device Info, Printer Settings, Network Setup, E-mail Setup, Printer Support and Login.

### 2. TOOLS

The tools available within the chosen section are displayed as buttons (the tool for the "Device Info" section is a forced refresh of the operating parameters).

### 3. REAL TIME STATUS

Report a list of operating parameters controlled and monitored in real time (with a regular refresh of 15sec).

Device Info Printer Settings	Network Setup E-mail Setu	p Printer Support I			
RealTime Status	Model Info	ormation			
Cover Open	Printer Model:	< PRINTER MODEL >			
Paper End	Printer Type:	< PRINTER TYPE >			
	Firmware Version:	1.08			
Near Paper End	Hardware Version:	1.00			
Paper rolling	Printing Head Type:	Т80			
Autoload Paper	Interface:	Ethernet			
Autoloau Fapel	Network Settings				
LF key pressed	IP Address:	192.168.10.83			
OnOff Key Pressed	Subnet Mask:	255.255.240.0			
	Default Gateway:	192.168.0.5			
Over temperature Error	MAC Address:	00-0E-E2-00-01-02			
Supply Voltage error	Printer Parameters				
Cutter error	Program Memory Test:	ОК			
	Dynamc Memory Test:	ОК			
Paper Jam	EEProm Memory Test:	OK			
Notch Position OK	Cutter Test:	OK			
	Head Voltage [V]:	24.09			
Notch Position Error	Head Temperature [°C]:	30			
	Paper Printed [cm]:	262169880			
	Cut Counter:	13965357			
	Power On Counter:	266			
	Ref	fresh			

### NOTE:

To know the IP address of the printer, print the Set-up report of the printer (see chapter 5).



## 12.4 Embedded Web Server: login

To enter some sections and some configuration services, it is required the identification of the user and password. To make registration and to obtain the access to the restricted areas, when it is required insert the user name and the password as indicated in the following table:

User Name	Custom
Password	AlwaysOn

		< PRINTER > - Eth http://192.168.10.83 USER : <username< th=""><th>nernet Interface 3 &gt;&gt;</th><th></th><th></th></username<>	nernet Interface 3 >>		
Device Info Pri	inter Settings	Network Setup	E-mail Setup	Printer Support	Login
RealTime Status         Cover Open         Paper End         Near Paper End         Paper rolling         Autoload Paper         LF key pressed         OnOff Key Pressed         Over temperature Error		Ple Once you enter logge Username: Password:	Printer Log ase insert Username r the correct username d in to this printer con	in and Password. e and password, you will be figuration menus.	
<ul> <li>Over temperature End</li> <li>Supply Voltage error</li> <li>Cutter error</li> <li>Paper Jam</li> <li>Notch Position OK</li> <li>Notch Position Error</li> </ul>					







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