

CAS POScale Series

User's Manual
(English)



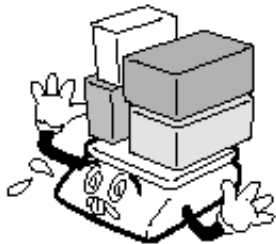




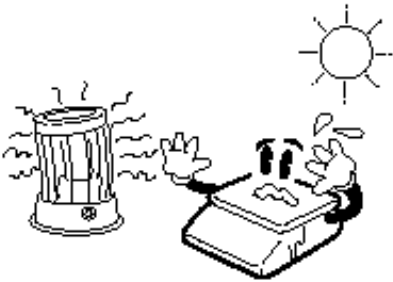
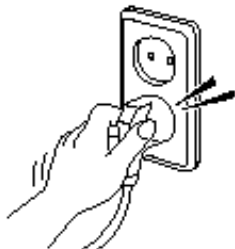

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PRECAUTIONS

Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

 Warning		
<p>Do not disassemble the scale. When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p> 	<p>Do not overload beyond the maximum weight limit.</p> 	<p>Scale must be grounded to minimize static electricity. This will minimize defect or electric shock.</p> 
<p>Do not pull the plug by its cord when unplugging. Damaged cord could cause electric shock or fire.</p> 	<p>To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.</p> 	<p>To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.</p> 
<p>Avoid placing the scale near heater or in direct sunlight.</p> 	<p>Insert plug firmly to wall outlet to prevent electric shock.</p> 	<p>Use proper Adapter. Incorrect adapter could damage the scale.</p> 

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

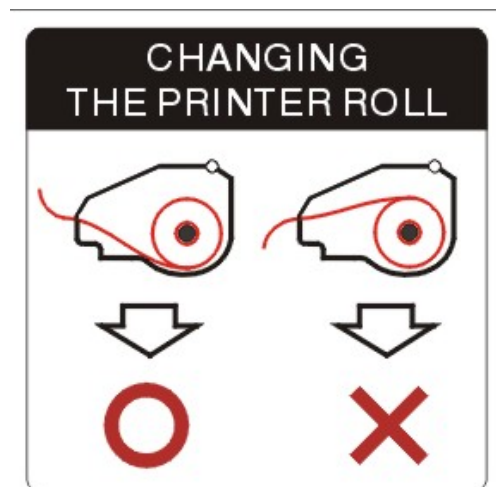
 Attention		
<p>For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.</p> 	<p>Avoid sudden shock to the scale. Internal mechanism could be damaged.</p> 	<p>Grab on the bottom of the scale when moving. Do not hold by the platter.</p> 
<p>Take the battery out when scale is not in use for long time. Leakage from the batteries is hazardous.</p> 	<p>Place the scale on firm and temperature consistent environment.</p> 	<p>By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.</p> 
<p>Keep the scale away from other electromagnetic generating devices. This may interfere with accurate reading.</p> 		<p>Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instruction.</p>  <p style="text-align: center;">Correct type of battery</p>

PREFACE

Thank you for the purchasing of CAS POScale series. This series have been designed with CAS reliability, under rigid quality control and with outstanding performance. Your specialty departments can enjoy with CAS product. We hope that CAS product meets your needs.

The user manual is designed to guide you to understand product operation and proper care of product.

CHANGING THE PRINTER ROLL

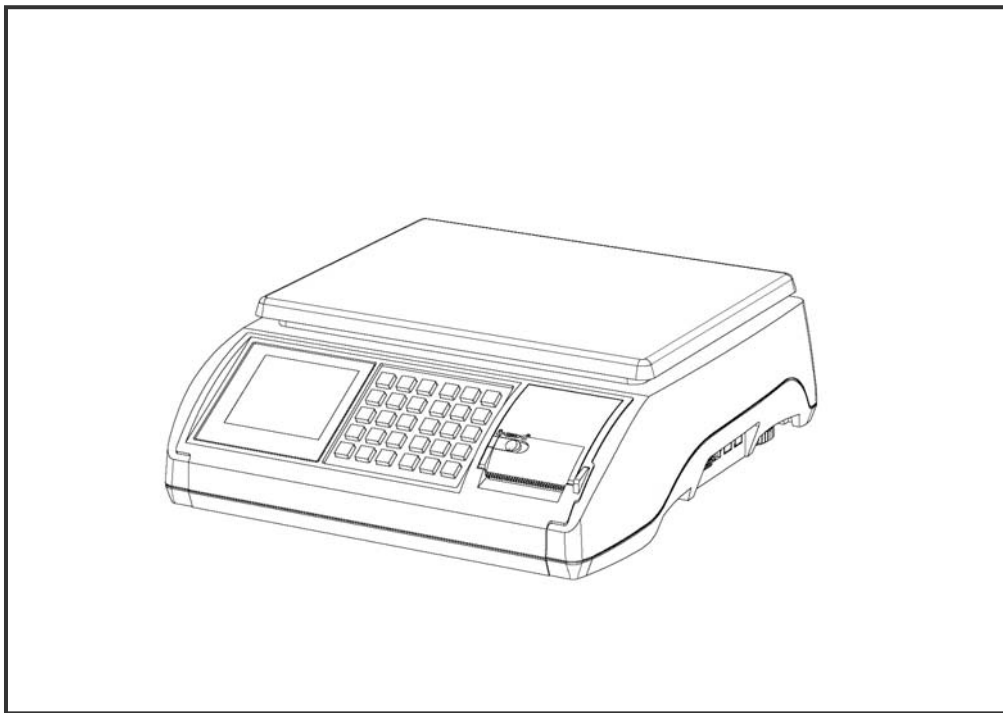


- **Recommended size for thermal paper;**
58mm (Width) / 65 μ m(Thickness) / 60mm (Maximum Diameter)

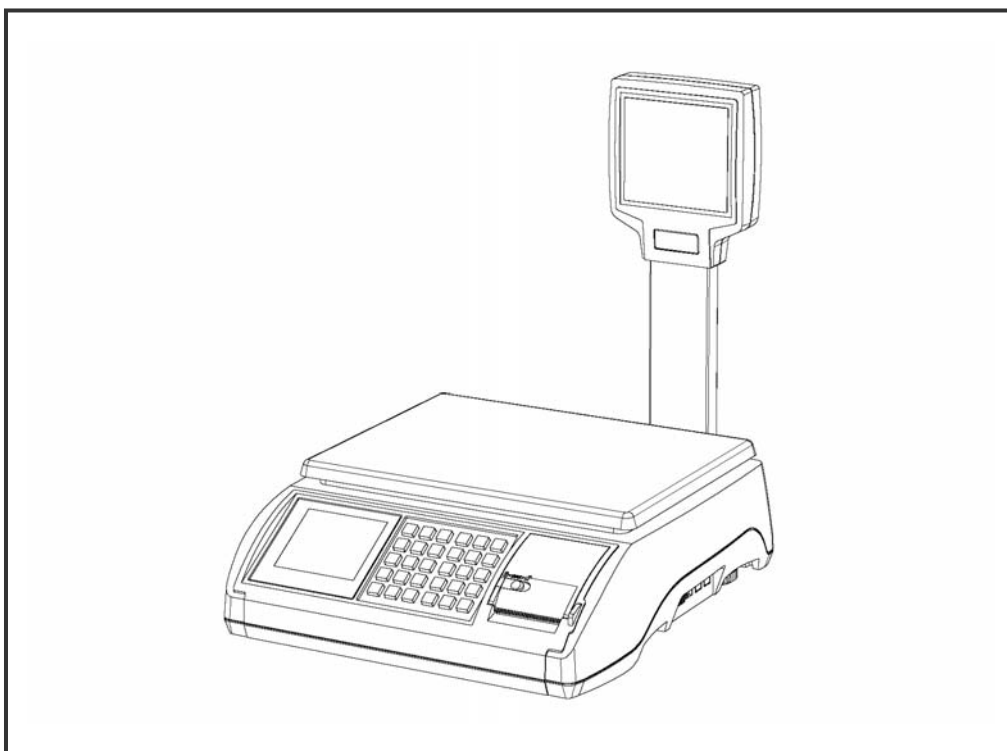
NAME AND FUNCTIONS

■ OVERALL VIEW

➤ STANDARD TYPE



➤ POLE TYPE

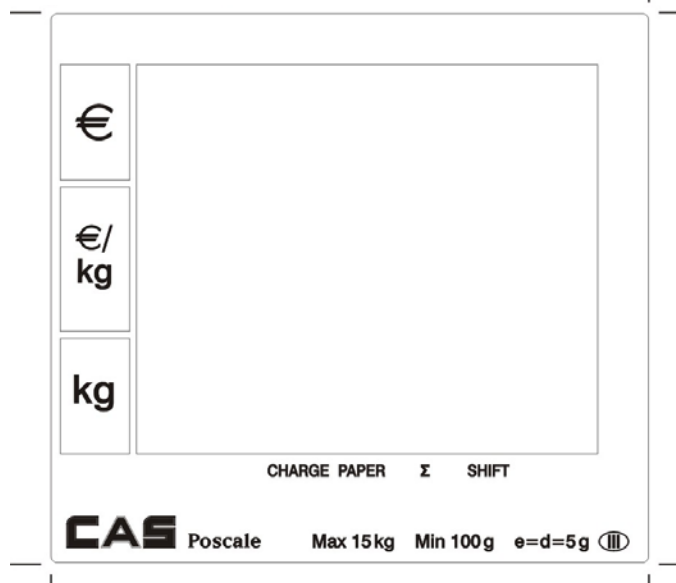


■ DISPLAY

- Rear Display (Customer-side display)



- Front (Clerk-side display) & Pole Display



■ KEYBOARD

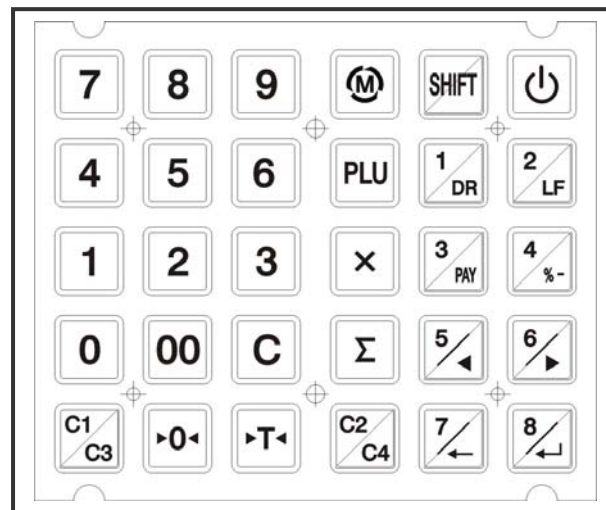


Table 1: Symbols on Display






















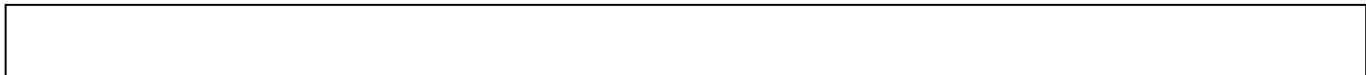




















SYMBOLS	DESCRIPTION
CHARGE (▼)	The battery is being charged.
PAPER (▼)	When ▼ blinks there is some problem with paper roll in the printer.
Σ (▼)	In the subtotal mode
SHIFT (▼)	SHIFT key pressed
◀0▶	To adjust the weight to zero.
○	Stable
NET	Tare on
MODE	Program mode
	Low battery warning when it is below 7.3 voltage



Table 2: Key Functions

KEYS	FUNCTIONS	
	SALES MODE	PROGRAM MODE
 ~ 	To input all of numerical data	
	To input double zero	
	To clear all of numbers input on the display	
	To select clerk 1	
	To select clerk 2	
	To set zero	
	To set or clear tare value	
	To go to program mode	
	To call up a PLU with numeric key	
	To input non-weighed item	
	To alternate key functions	
	To turn on or off the power / backlight	
	To show subtotal / total / payment sum	
 ~ 	Direct PLU keys * PLU # 1~8 may be used for both of the direct and indirect PLUs. Most commonly used 8 items are recommended to be used for direct PLUs at users' convenience.	
 + 	To select clerk 3	
 + 	To select clerk 4	



KEYS			FUNCTIONS	
			SALES MODE	PROGRAM MODE
	+		To open cash drawer	
	+		To feed the paper	
	+		To make discount	
			After pressing 	After pressing 
			<ul style="list-style-type: none">• To finalize the payment in cash• To print receipt	To print current data
			To pay in cash	
	+		To pay in credit	
			To make discount for subtotal	
			Sales list -	To go to the previous menu
			Sales list +	To go to the next menu
			To delete a specific sale in sales list	
				To go back to the higher level of menu
				To go into the lower level of menu
				Fast selection of PLU (-) in the PLU mode
				Fast selection of PLU (+) in the PLU mode

OPERATIONS

I. Sales Mode

Chapter 1. Basic Operation

- a. Turning the scale or backlight on / off
- b. Feeding the paper
- c. Opening cash drawer
- d. Self-test on printing
- e. Zero function
- f. Tare function

Chapter 2. Sales for weighed item

- a. Sales with free price (hand pricing)
- b. PLU sales

Chapter 3. Sales for non-weighed item

- a. Sales with free price (hand pricing)
- b. PLU sales

Chapter 4. Clerk Operation

- a. One clerk selection
- b. Void
- c. Subtotal
- d. Sales list
- e. All clerk mode operation
- f. Supermarket mode operation

Chapter 5. Discount & Payment

- a. Discount for a sales transaction
- b. Discount for subtotal
- c. Payment
- d. Duplicate receipt

Chapter 6. Sales Transaction Simulation

- Sales with free price
- Void
- Programmed discount
- PLU sales
- Non-weighed sales
- Subtotal
- Discount for subtotal
- Sales list viewing
- Deleting a specific sale transaction
- Payment in credit
- Payment in cash





Chapter 1.

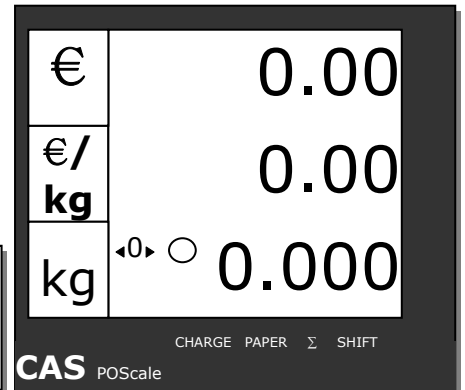
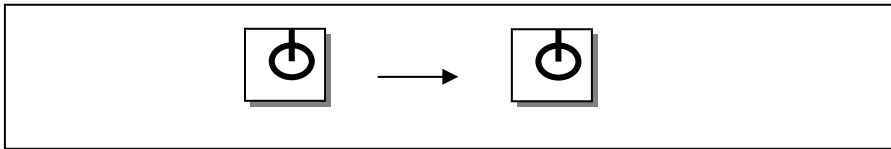
Basic Operation

Chapter 1. Basic Operation

This chapter explains how to turn the scale or backlight on/off, feed the paper, open cash drawer, and do self-test on printer.



a. Turning the scale or backlight on/off

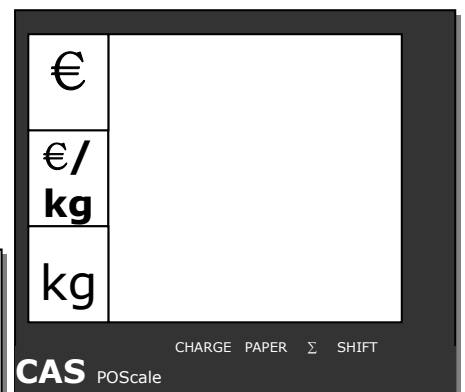
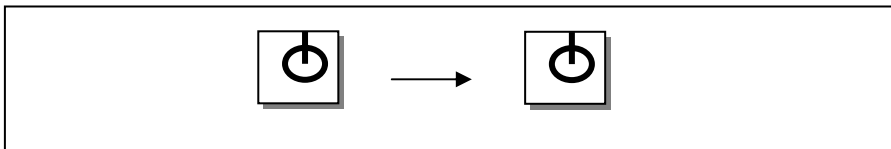
① Press  when the scale is turned off, then it starts counting 0~9. And press  again for a second to turn on backlight of scale.



* Only when user is in battery use the backlight lasts 1 minute and automatically is turned off. Then, if the scale senses more than minimum weight* the backlight is automatically turned on.



* Minimum weight: refer to **SPECIFICATION** Table on page 99.


② Press  for a second to turn backlight off. And press  and hold it for more than a second to turn the scale off.



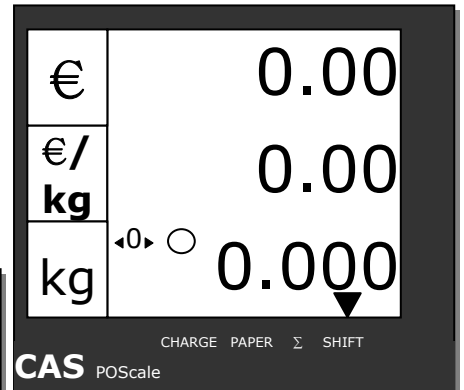
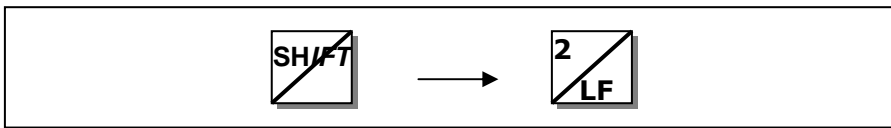
b. Feeding the paper


- Feeding the paper is to make sure that printer paper is properly set and operated.

① Press  and  when user needs to feed the paper.

Then, ticket will come out as much as time of pressing .



▼ (Shift) mark will be shown on the bottom of display.



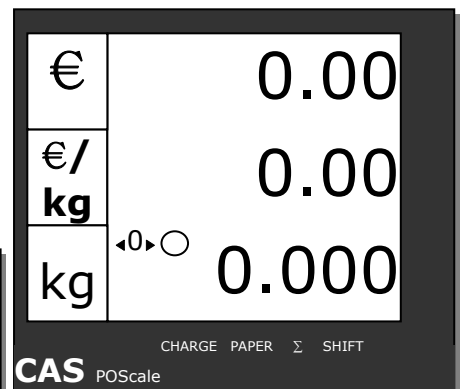
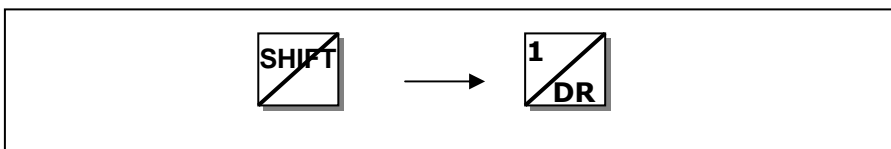
- Press  key again to turn off "SHIFT" function.

c. Opening cash drawer



- This operation is to use the scale with cash drawer. **Cash drawer will be opened whenever printing receipt.**

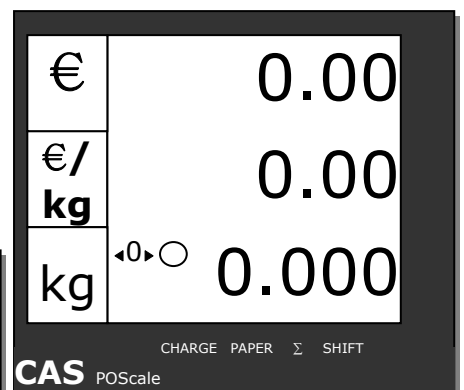
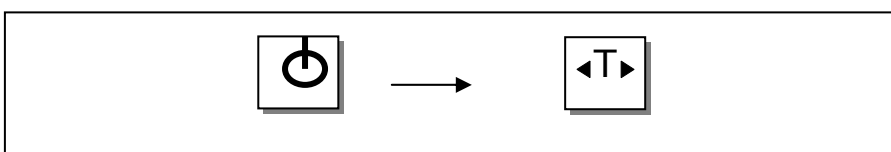
① Press  and  to open cash drawer in time set.

▼ (Shift) mark will be displayed on the bottom of display.



d. Self-test on printing

① Press  while counting 0~9 after turning on the scale by pressing . Then, it automatically prints out the test report. Please refer to the sample report on page 96.



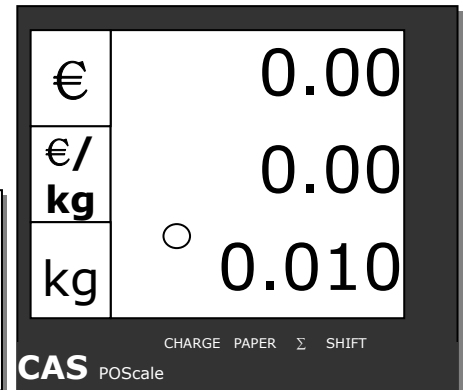
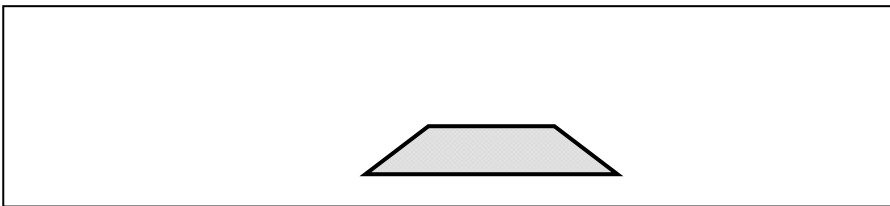
* The printing self-test function may be also executed on **test mode** in "II. Programming mode".



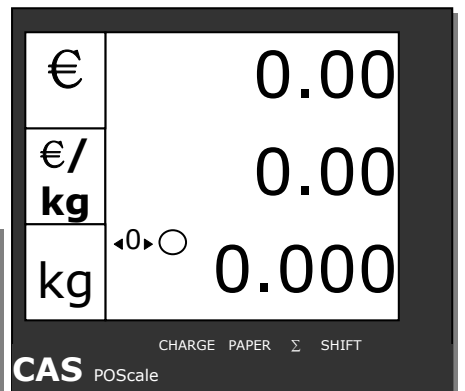
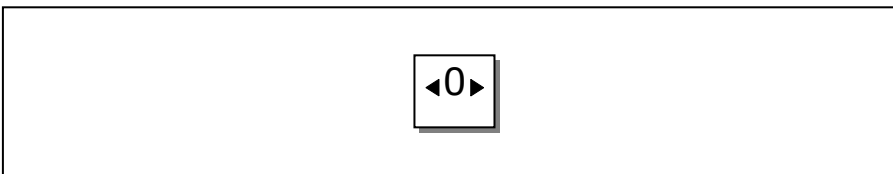
e. Zero function

- The scale is not in initial zero point when there is(are) any item(s) on the platter user may need to set zero using "zero" key.

① The scale is not in initial zero point.



② Set zero point. User can set zero only within $\pm 2\%$ of capacity. For example, the 6 kg POScale model is ± 120 g.

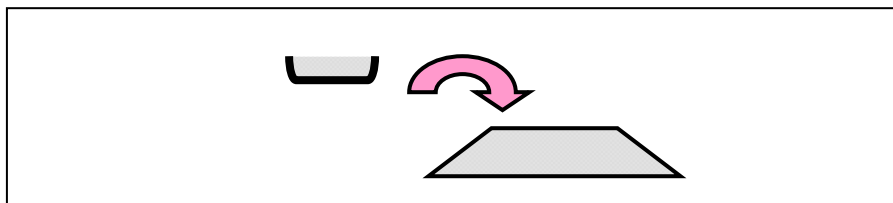


f. Tare function

■ One Time Tare

This function is to subtract the weight of actual tare.

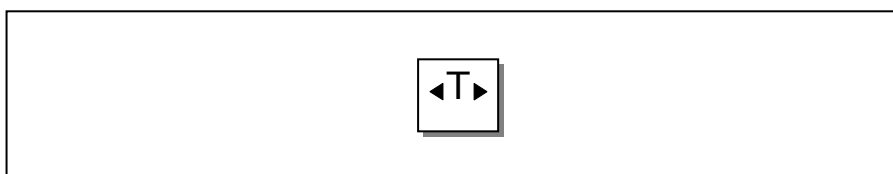
- ① Place a tare on the platter. For example, 10 g.



€	0.00
€/kg	0.00
kg	0.010

CHARGE PAPER Σ SHIFT
CAS POScale

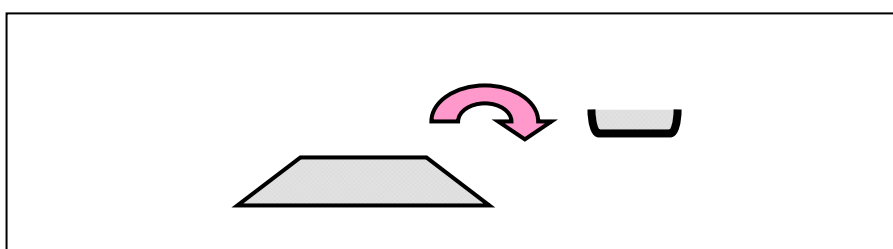
- ② Subtract the tare weight. After setting the tare user may place item on the platter, and the scale reads only the weight of item.



€	0.00
€/kg	0.00
kg	0.000

CHARGE PAPER Σ SHIFT
CAS POScale

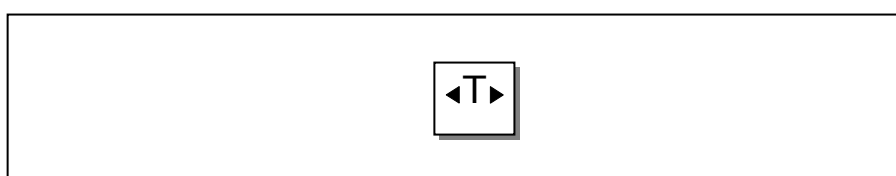
- ③ Remove tare from the platter if user does not need tare function. At this time the weight shows negative value of tare.



€	0.00
€/kg	0.00
kg	-0.010

CHARGE PAPER Σ SHIFT
CAS POScale

- ④ Clear up the tare value, and go back to set zero point.



€	0.00
€/kg	0.00
kg	0.000

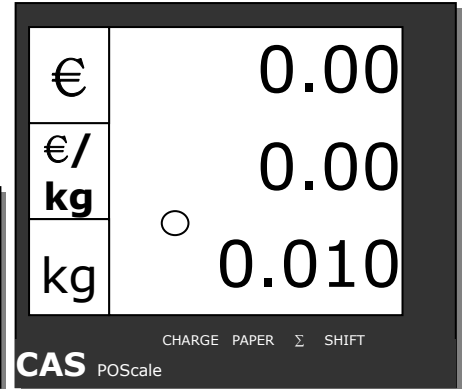
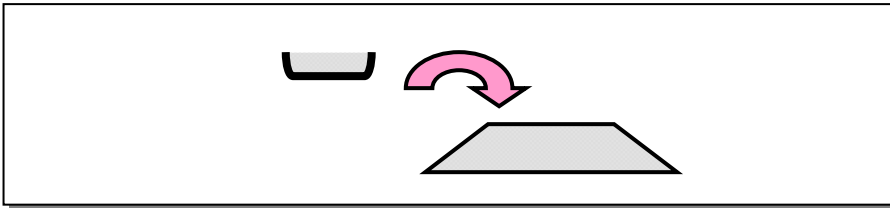
CHARGE PAPER Σ SHIFT
CAS POScale

■ Successive Tare

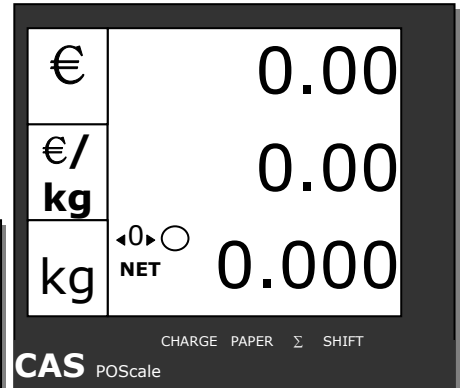
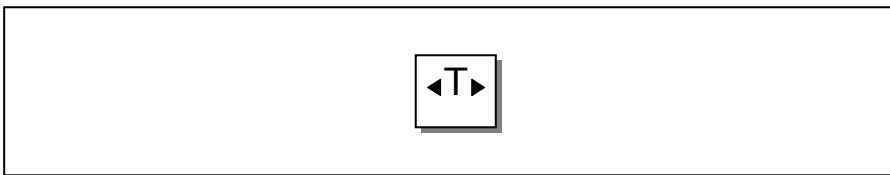
This function is to subtract two successive tares.

The successive tare can be set in the calibration mode. Please contact your dealer if you want to use "Successive Tare".

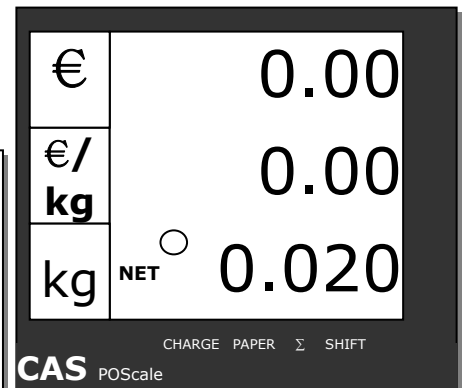
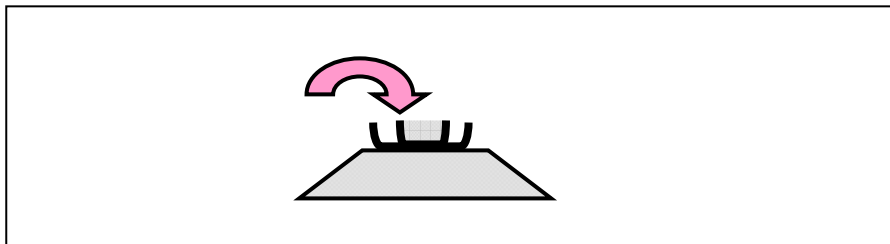
- ① Place a tare on the platter. For example, 10 g.



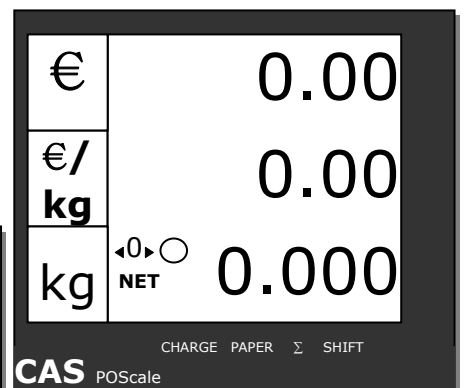
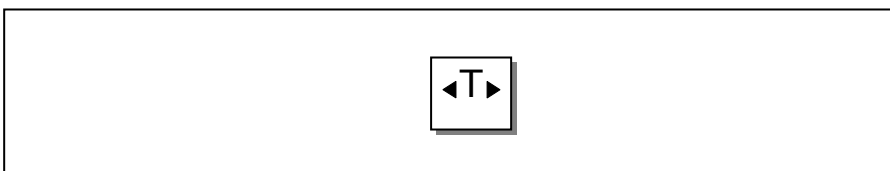
- ② Subtract the tare weight.



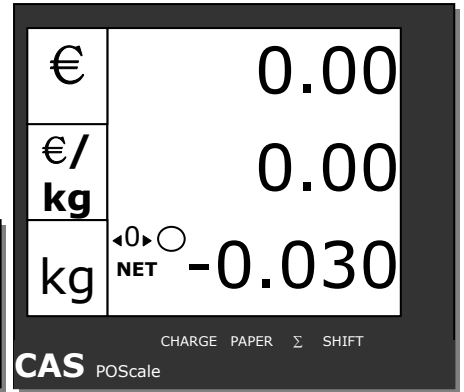
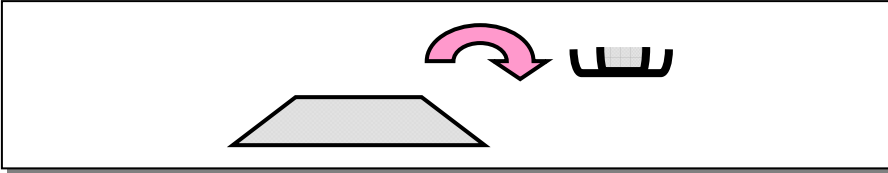
- ③ Place another tare on the platter. For example, 20g.



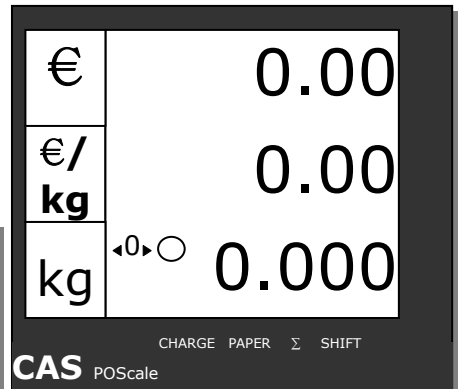
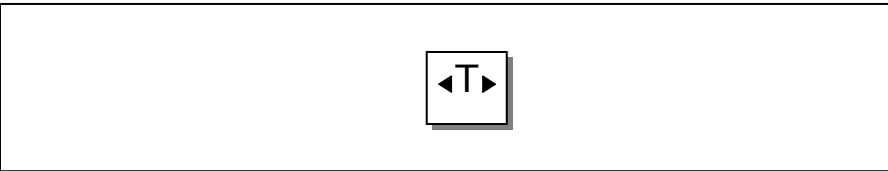
- ④ Add up the weight of tares. After setting the successive tares user may place item on the platter, and the scale reads only the weight of item.



⑤ Remove all weights from platter if user does not need tare function. At this time the weight shows negative value of tare.



⑥ Clear up the tare value, and go back to set zero point.



Next two chapters, **chapter 2 & 3**, explain how to make sales transactions for weighed item and for non-weighed item respectively. User may use or not use PLU (Price Look-Up), which can be pre-programmed into the scales. Let's look at how to operate sales function of CAS POScale.

Chapter 2.

SALES FOR WEIGHED ITEM

Chapter 3.

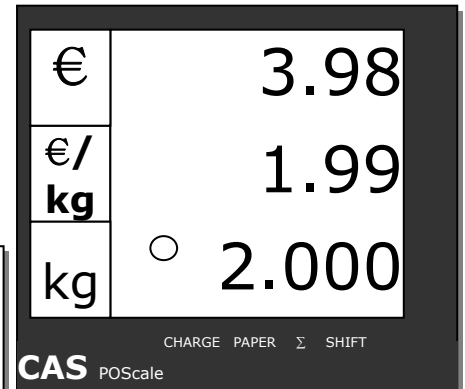
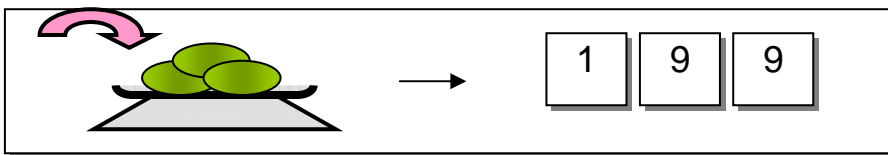
SALES FOR NON-WEIGHED ITEM

Chapter 2. Sales for weighed item

a. Sales with free price (hand pricing)

① Put appropriate item of, for example, 2kg on the platter and press numeric keys for its unit price in weighing mode.

* **All of sales transactions with free price are stored and accumulated on "PLU 0" for report.**

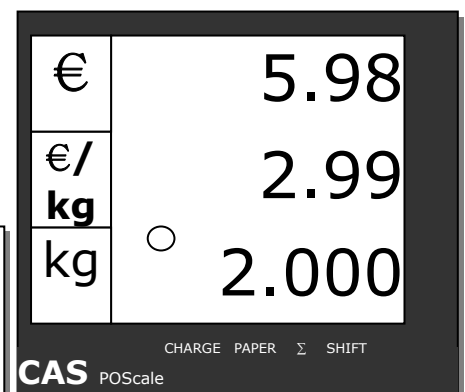
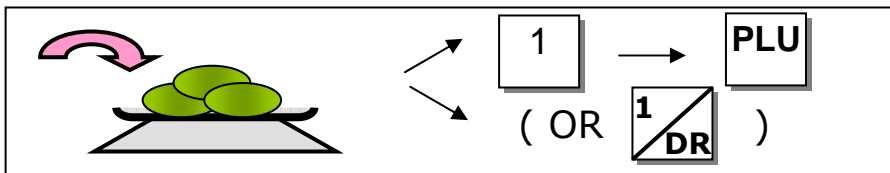


b. PLU Sales

PLU means **P**rice **L**ook-**U**p, which is pre-programmed into the scale for commonly used unit price and item. It may store such informations as unit price, item's code, department, item name, tax rate group, weighed or non-weighed, fixed or non-fixed item, and printing or non-printing barcode for a PLU.

CAS POScale can store up to **1,800 PLUs** in the memory so that it can provide users as much convenience as it can. Let's look at how to make sales transaction using PLU.

① Put appropriate item on the platter. And press either PLU number and **PLU** (or direct PLU key between 1~8 which are preset in the programming mode). For example, let's put in "PLU 1(non-fixed PLU)", which unit price is 2.99.



* Direct PLU: user may save one touch direct PLUs for most commonly-used 8 items.

* If user saves indirect PLUs of #1~8 he/she does not need to save direct PLUs of # 1~8 because the indirect PLUs of #1~8 are automatically saved in the direct PLUs of #1~8. Most commonly used 8 items are recommended to be saved in the direct PLUs for users' convenience.

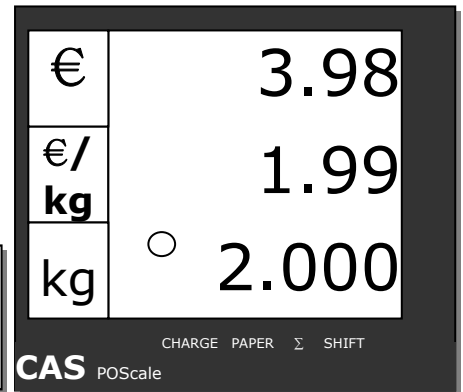
* If current PLU, 1 has **fixed price** attribute, which is set in the program mode user cannot change the unit price for PLU called up. However, if current PLU has **non-fixed price** attribute user may change (override) the unit price at his/her sales transaction condition.

② In case of non-fixed priced PLU user may put in (override) new price for current PLU at sales condition, for example, "last minute sales" or "10 minutes sales" etc. Let's try last minute sales of PLU 1; 1 kg for 1.99.

1

9

9



Chapter 3. Sales for non-weighed item

a. Sales with free price (hand pricing)

① Simply input item's unit price and press **X** and quantity. Then display will show total price.

1

9

9

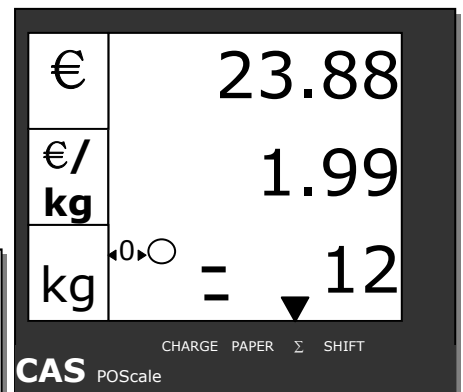
→

X

→

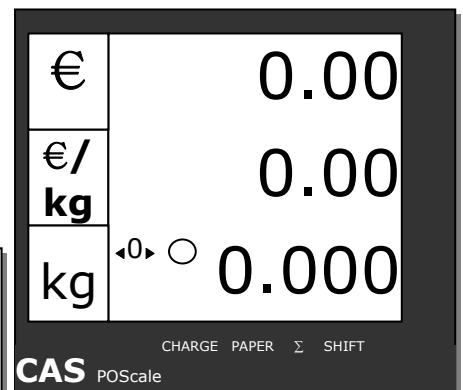
1

2



② Press **C** to clear previous transaction and go back to initial weighing mode.

C

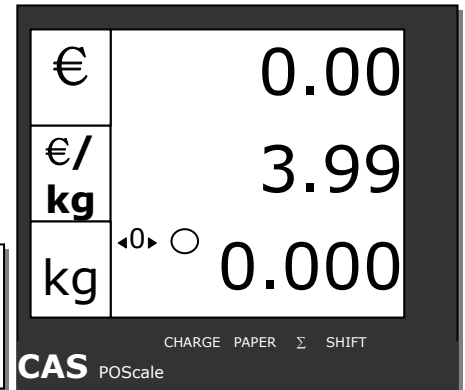
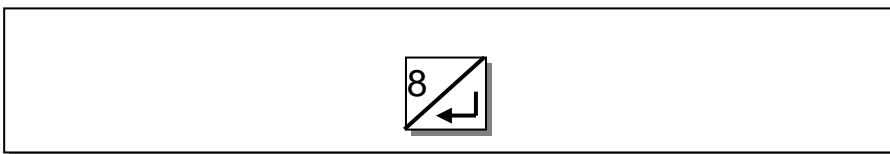




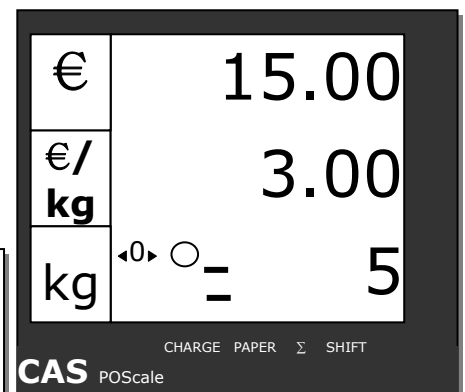
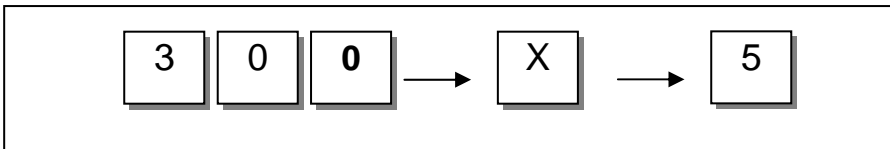
b. PLU Sales

- Please make sure current PLU be set with ***non-fixed price*** in the PLU program mode. Otherwise, user cannot change unit price for the PLU called up.

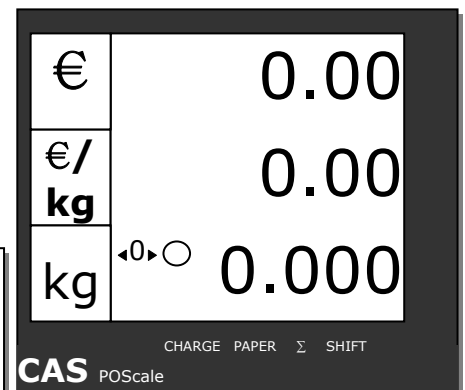
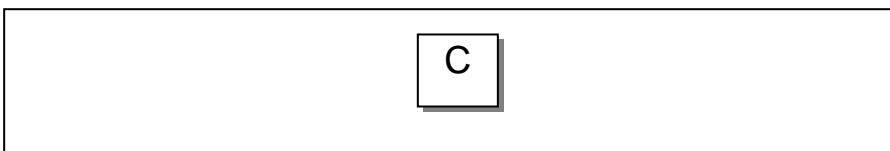
① Press either PLU number and **PLU** (or appropriate direct PLU key between 1~8). For example, *direct "PLU 8"*, which unit price is 3.99.



② Input new price, 3.00. Then, press **X** and the number of non-weighed item unit, for example, 5 units.



③ Press **C** to clear previous transaction and go back to initial weighing mode.



Chapter 4.

CLERK OPERATION

Chapter 4. Clerk Operation

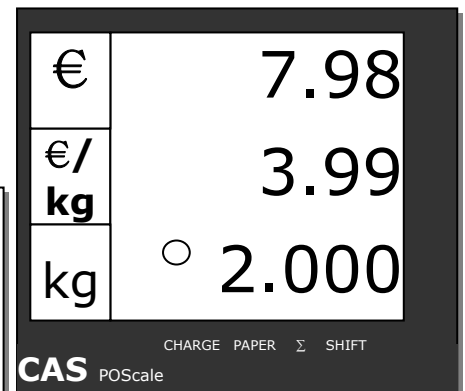
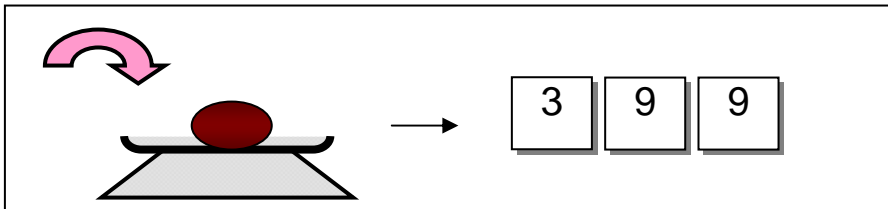
There are three different type of clerk modes.


Table 3: Clerk Mode

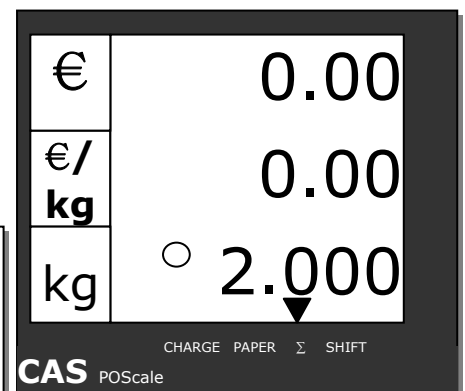
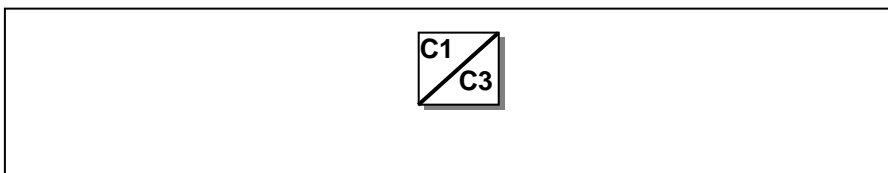
Modes	Description	Receipt Printing
0	All clerks can use the scale for a series of sales activity.	It prints ticket (receipt) including each item and total information.
1	Only one clerk can use the scale for a series of sales activity. However, other clerk can use the scale for other series of sales activities in this mode.	It prints only part of ticket (receipt), which a transaction is made, and prints total amount after a series of transactions are completed.
2 (Supermarket mode)	Only one transaction per clerk at a moment.	It prints ticket (receipt) only for one transaction per clerk.

a. One clerk operation



- ① For example, put 2 kg of item whose unit price is 3.99 and clerk 1 is making current transaction.

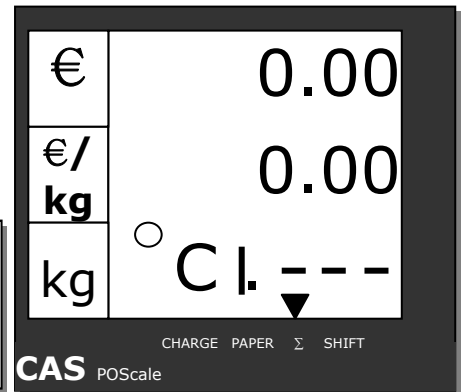
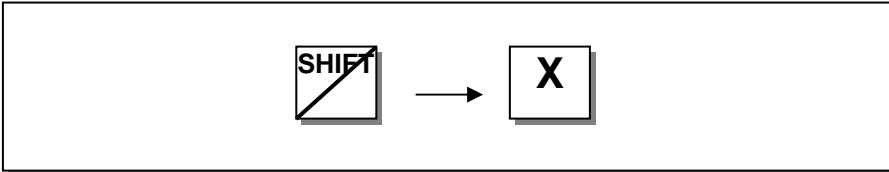


- ② Press  to select the clerk 1. It automatically prints out ticket (receipt) for current transaction.

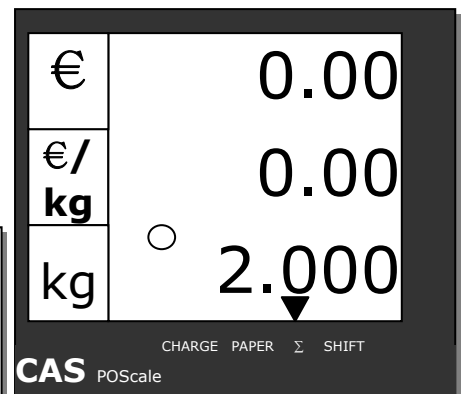
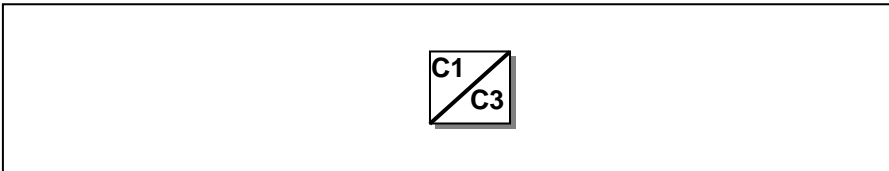


b. Void


③ Press  and  to void (delete) latest transaction.



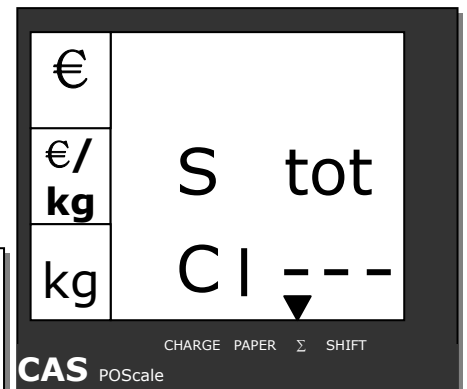
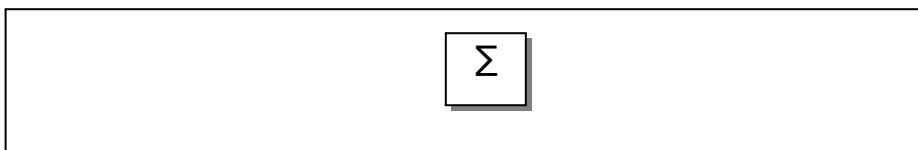
④ Select current clerk, for example, clerk 1 to make sure the latest transaction is voided (deleted).




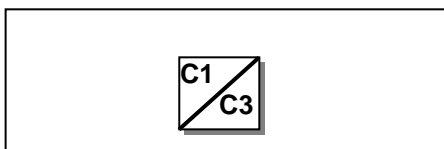
c. Subtotal

⑥ Press  to have subtotal amount and transaction after previous void transaction.

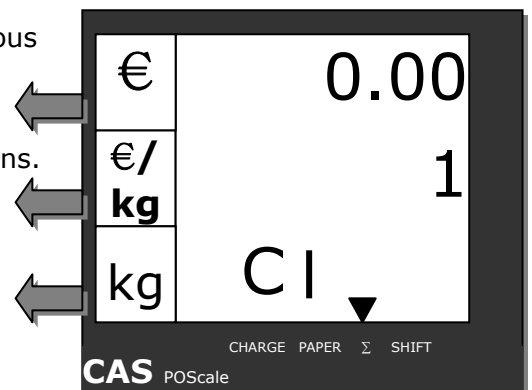
- User must select appropriate clerk if the scale is in the ALL AT ONCE sales mode of the clerk setting.





⑦ Press  to select the clerk 1.




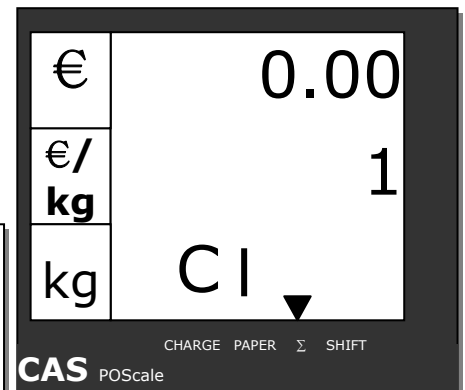
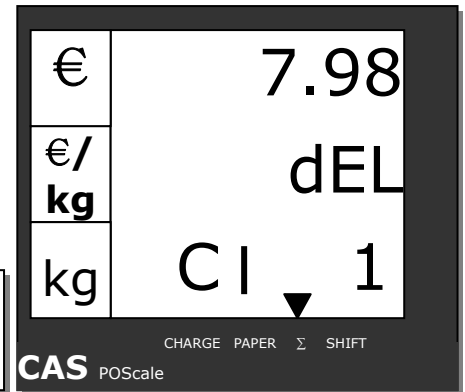
- Total price through previous transactions.
- The number of transactions.
- Current clerk number in current transactions.




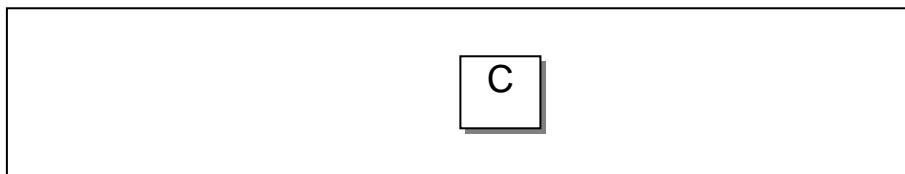
d. Sales List

⑧ User may check through previous ①~⑦ transactions (lists) before printing receipt, using  or .

■ Pressing  is to delete present transaction made in the sales list mode.



⑨ User may exit from current by using  once for current clerk's sales and twice for another transaction.



⑩ Press  to print the receipt for ①~⑨ steps, and the receipt looks like the following one.


Sample Receipt


DALAVER COMERS
OOD, LTD, GmbH
Hr. Maksimov str. 11


CLERK 1 Momchil


Kg	€/Kg	€
FREE PRICE		
2.000Kg	3.99	7.98
VOID		
FREE PRICE		
2.000Kg	3.99	-7.98
TOTAL €		0.00


NUMBER OF SALES 0
20/11/2003 13:24:59 000045
ela pak ako smeets!

 **Header line**

 **Clerk 1**

 **Sales with Free Price**

 **VOID transaction**

 **Footer line**

e. All clerk operation

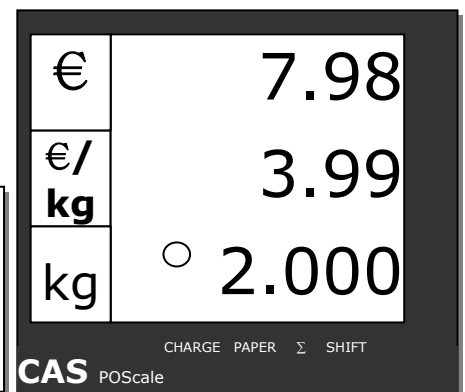
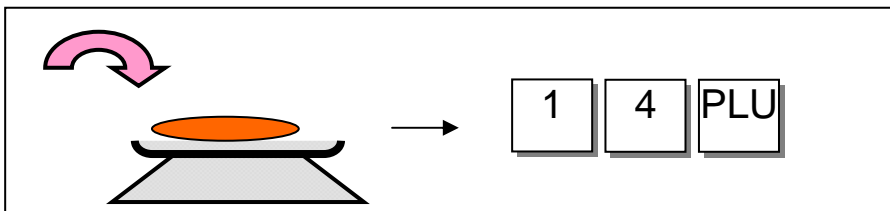
■ "All clerk (0)" mode (refer to clerk setting on page 84)

- *All clerks* can use the scale for a series of sales activity.
- It prints ticket (receipt) including each item and total information.

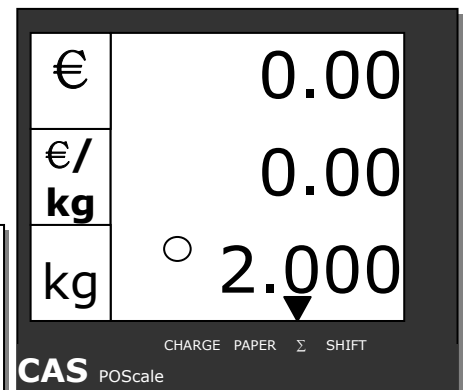
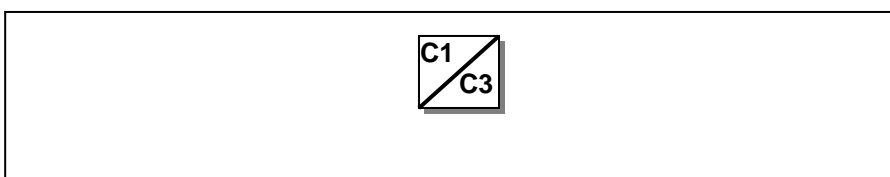
Assumption:

- 2 kg of **Beef Sirloin** (PLU setting # 14, €3.99/kg, No weight; No) for clerk C1.
- 3 kg of **Turkey** (PLU setting # 15, €4.99/kg, No weight; No) for clerk C2.
- 1 kg of **Rib Eye** (PLU setting # 17, €5.99/kg, No weight; No) for clerk C3.
- 3 packs of **Potato** (PLU setting #1, €1.99/pack, No weight; YES) for clerk C1.
- e) All of above-mentioned PLUs should have other code number than "code 0".

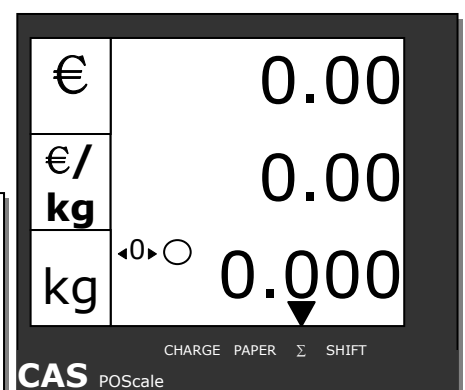
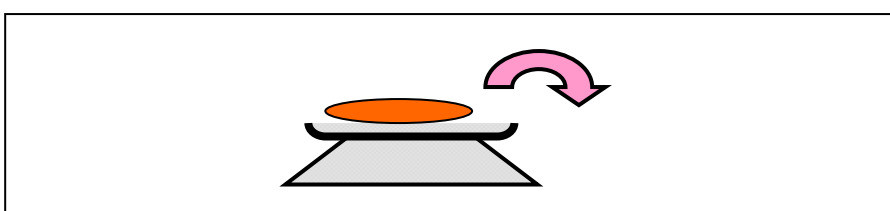
① Call up PLU of Beef Sirloin, #14 for clerk C1.



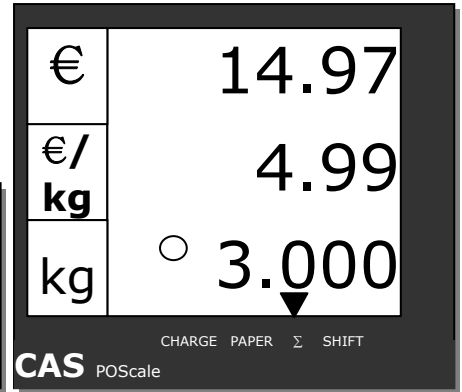
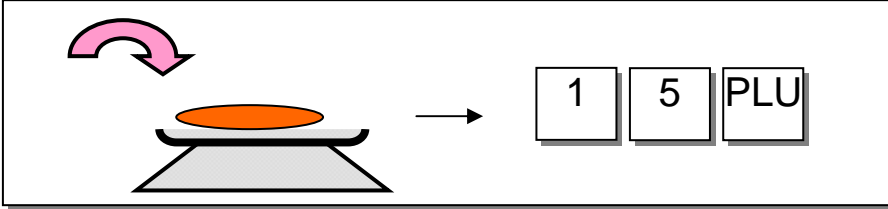
② Select the clerk 1.



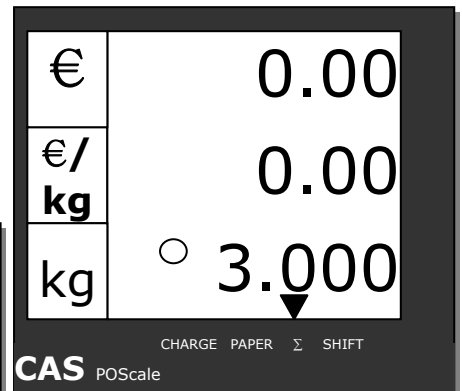
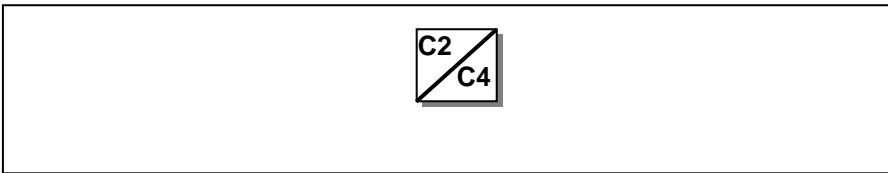
③ Remove Beef Sirloin from the platter.



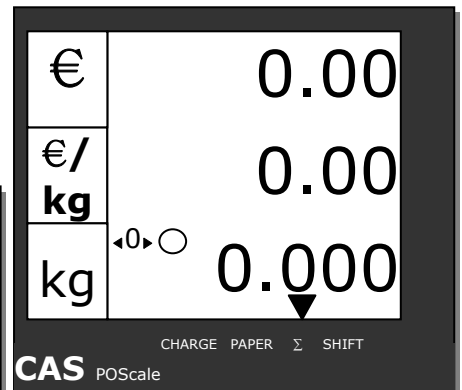
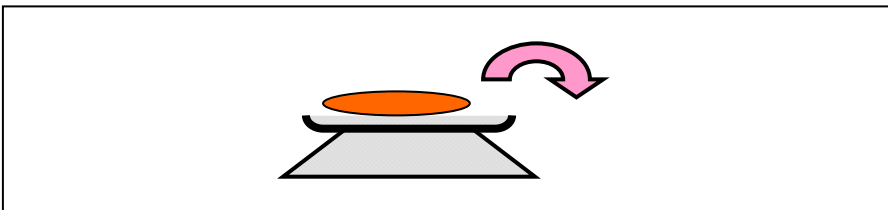
④ Call up PLU of Turkey, #15 for clerk C2.



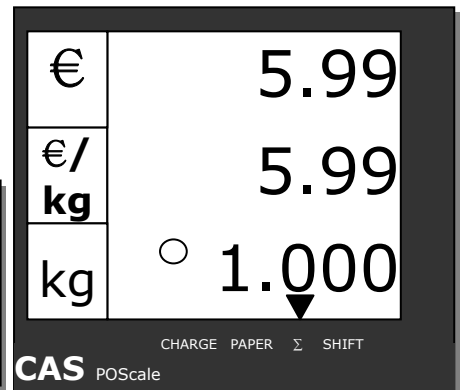
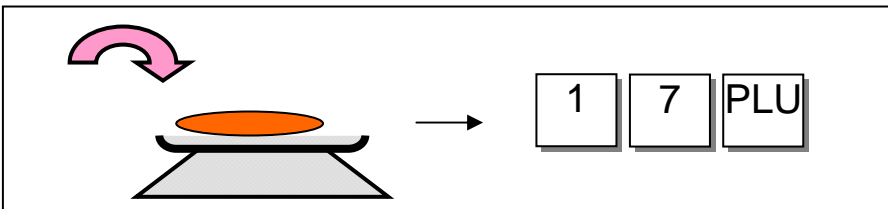
⑤ Select the clerk 2.



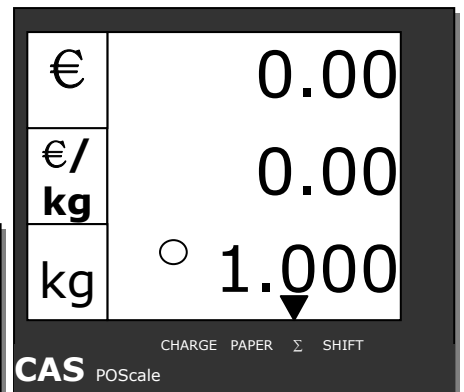
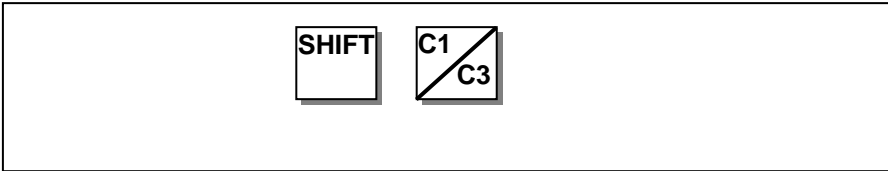
⑥ Remove Turkey from the platter.



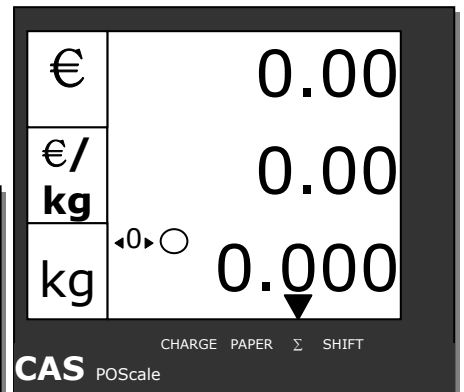
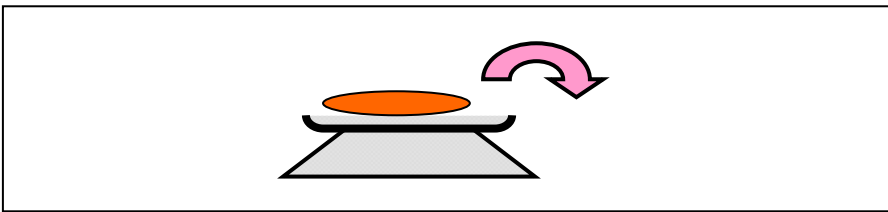
⑦ Call up PLU of Rib Eye, #17 for clerk C3.



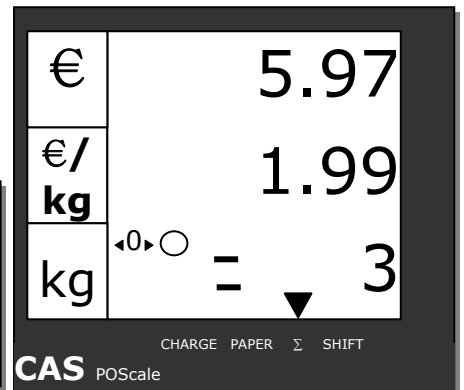
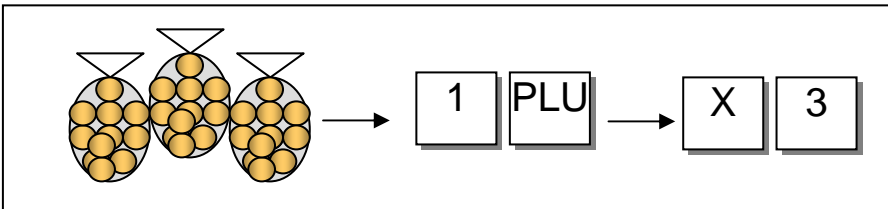
⑧ Select the clerk 3.



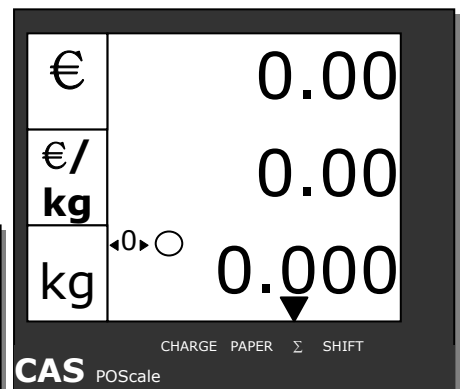
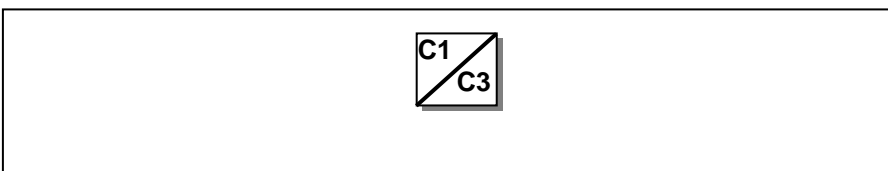
⑨ Remove Rib Eye from the platter.



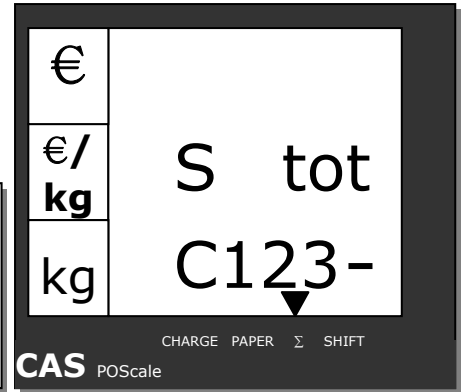
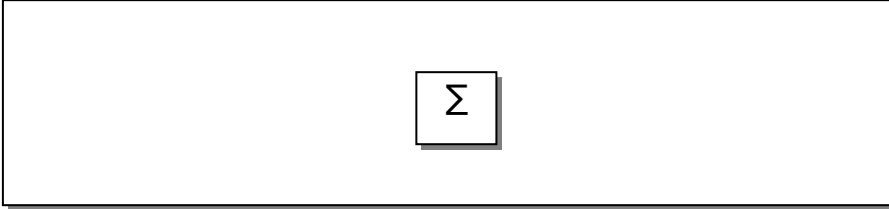
⑩ Call up PLU of Potato, #1 for clerk C1. Customer purchases 3 packs of Potato.








⑪ Select the clerk 1.



⑫ Get subtotal amount.













※ User may print out individual clerk's receipt by pressing individual clerk key (using

, ,  & ) then  key.

Clerk 1' Receipt

Clerk 2' Receipt

Clerk 3' Receipt

 <p>777 CLERK 1</p> <table border="0"> <tr> <td>Kg</td> <td>€ /Kg</td> <td>€</td> </tr> <tr> <td>2.000kg</td> <td>3.99</td> <td>8.00 A</td> </tr> </table>  <p>2 020000 003991</p> <p>APPLE</p> <table border="0"> <tr> <td>3x</td> <td>1.99</td> <td>6.00 A</td> </tr> </table>  <p>2 000032 001998</p> <p>TOTAL € 14.00</p> <table border="0"> <tr> <td>CASH</td> <td>14.00</td> </tr> <tr> <td>TAX GROUP</td> <td>TTL</td> </tr> <tr> <td>A= 0.00%</td> <td>0.00</td> </tr> <tr> <td>14.00</td> <td></td> </tr> </table> <p>NUMBER OF SALES 2 17/11/2011 00:17:30 000135 777</p>  <p>2 020030 014004</p>	Kg	€ /Kg	€	2.000kg	3.99	8.00 A	3x	1.99	6.00 A	CASH	14.00	TAX GROUP	TTL	A= 0.00%	0.00	14.00		 <p>777 CLERK 2</p> <table border="0"> <tr> <td>Kg</td> <td>€ /Kg</td> <td>€</td> </tr> <tr> <td>3.000kg</td> <td>4.99</td> <td>15.00 A</td> </tr> </table>  <p>2 030008 004999</p> <p>TOTAL € 15.00</p> <table border="0"> <tr> <td>CASH</td> <td>15.00</td> </tr> <tr> <td>TAX GROUP</td> <td>TTL</td> </tr> <tr> <td>A= 0.00%</td> <td>0.00</td> </tr> <tr> <td>15.00</td> <td></td> </tr> </table> <p>NUMBER OF SALES 1 17/11/2011 00:17:56 000136 777</p>  <p>2 030001 015008</p>	Kg	€ /Kg	€	3.000kg	4.99	15.00 A	CASH	15.00	TAX GROUP	TTL	A= 0.00%	0.00	15.00		 <p>777 CLERK 3</p> <table border="0"> <tr> <td>Kg</td> <td>€ /Kg</td> <td>€</td> </tr> <tr> <td>1.000kg</td> <td>5.99</td> <td>6.00 A</td> </tr> </table>  <p>2 010009 005997</p> <p>TOTAL € 6.00</p> <table border="0"> <tr> <td>CASH</td> <td>6.00</td> </tr> <tr> <td>TAX GROUP</td> <td>TTL</td> </tr> <tr> <td>A= 0.00%</td> <td>0.00</td> </tr> <tr> <td>6.00</td> <td></td> </tr> </table> <p>NUMBER OF SALES 1 17/11/2011 00:18:15 000137 777</p>  <p>2 010005 006004</p>	Kg	€ /Kg	€	1.000kg	5.99	6.00 A	CASH	6.00	TAX GROUP	TTL	A= 0.00%	0.00	6.00	
Kg	€ /Kg	€																																													
2.000kg	3.99	8.00 A																																													
3x	1.99	6.00 A																																													
CASH	14.00																																														
TAX GROUP	TTL																																														
A= 0.00%	0.00																																														
14.00																																															
Kg	€ /Kg	€																																													
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TAX GROUP	TTL																																														
A= 0.00%	0.00																																														
6.00																																															

f. Supermarket mode operation

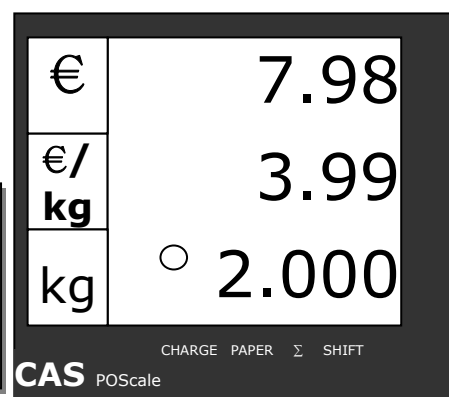
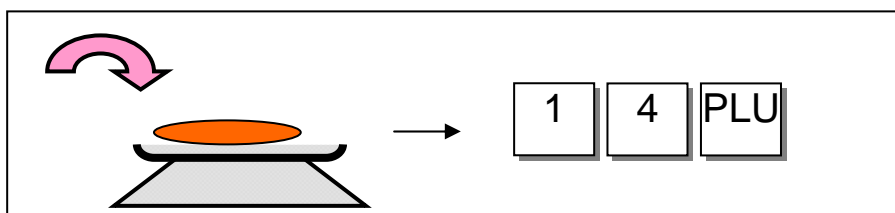
■ "Supermarket (2)" mode (refer to clerk setting on page 84)

- Only one transaction per clerk at a moment.
- It prints ticket (receipt) only for one transaction per clerk.

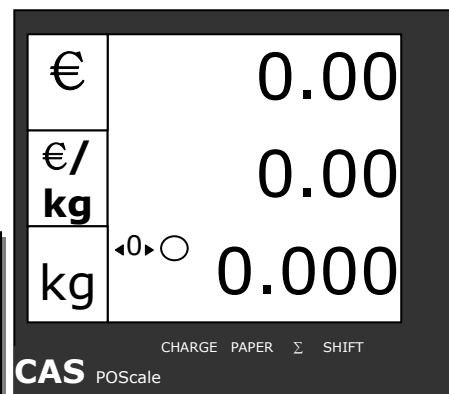
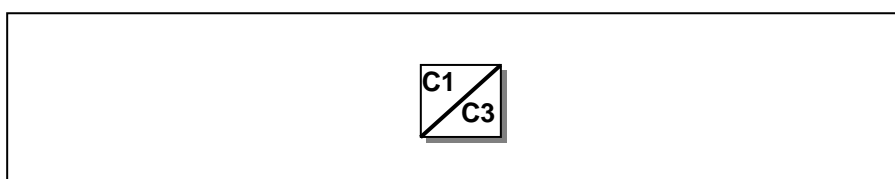
Assumption:

- Please go to clerk mode and set clerk mode as "2 (supermarket mode)".
- 2 kg of **Beef Sirloin** (PLU setting # 14, €3.99/kg, No weight; No) for clerk C1.
- 3 kg of **Turkey** (PLU setting # 15, €4.99/kg, No weight; No) for clerk C2.
- 1 kg of **Rib Eye** (PLU setting # 17, €5.99/kg, No weight; No) for clerk C3.
- 3 packs of **Potato** (PLU setting #1, €1.99/pack, No weight; YES) for clerk C1.
- All of above-mentioned PLUs should have other code number than code 0.

① Call up PLU of Beef Sirloin, #14 for clerk C1.



② Then, it automatically prints out ticket (receipt) for "a" transaction when user selects the clerk.



✳ The scale prints out ticket (receipt) for each transaction in **the supermarket mode (set "2")** whenever each transaction is made by a clerk.

✳ The scale may also prints out ticket (receipt) for above "b)"~"d)" transactions as same process as "a)" transaction.

✳ For further information please refer to "**chapter 11. Barcode Printing**" on page 79.

✳ For further information please refer to "**chapter 11. Barcode Printing**" on page 79.

Chapter 5.

DISCOUNT & PAYMENT

Chapter 5. Discount & Payment

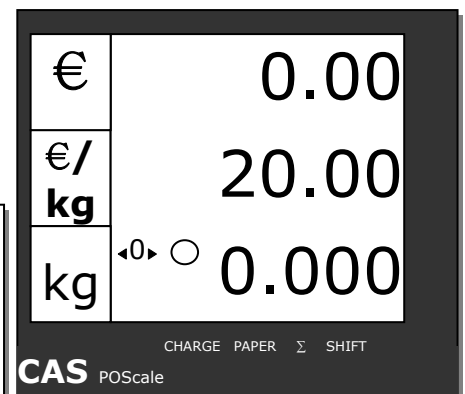
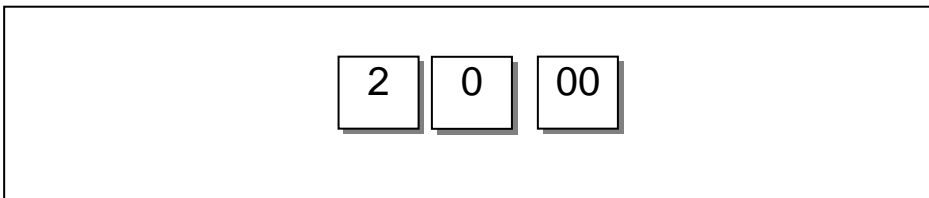
a. Discount for a single of transaction

■ Instant discount

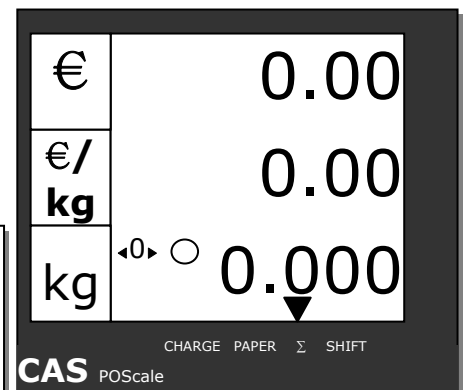
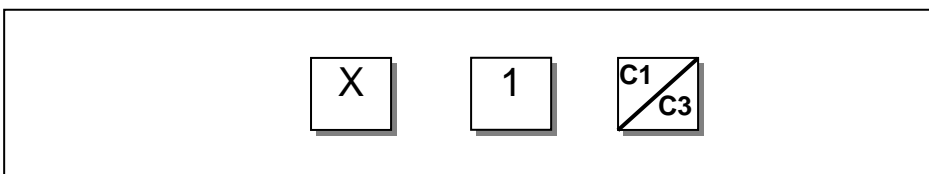
Assumption

- Instant discount rate: 10%
- Unit price of a commodity: € 20

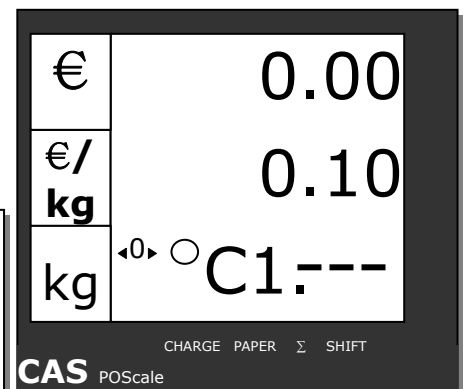
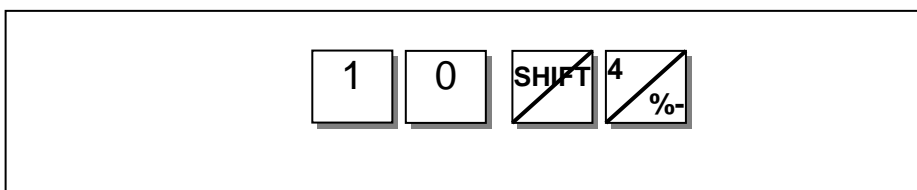
① A customer purchased € 20.00 for a commodity.



② Press to make € 20.00 valued sales transaction for clerk 1.

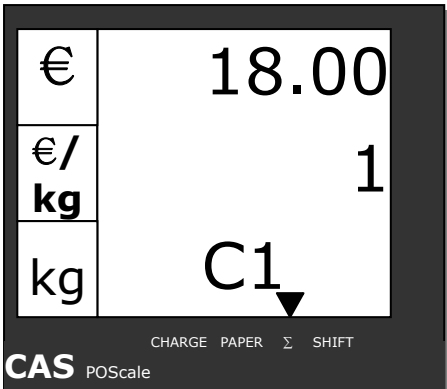
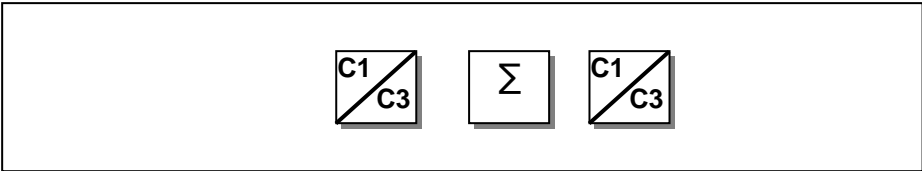


③ Press to provide 10% discount for current single transaction.





④ Press to have the amount of subtotal after instant 10% of discount for a single transaction.



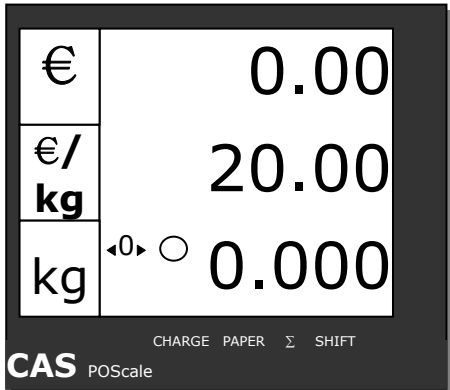
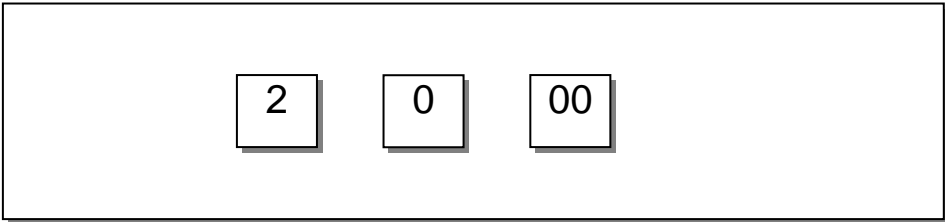
■ Pressing is to finalize the discount for a single transaction and print out the receipt.



■ Programmed discount
Assumption

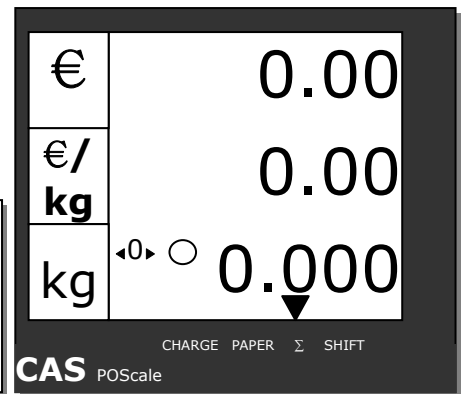
- Programmed discount rate: 5%
(Refer to "program mode" -> "SET1" -> "Pr-" for discount rate setting)
- Unit price of a commodity: € 20

① A customer purchased €20.00 for a commodity.



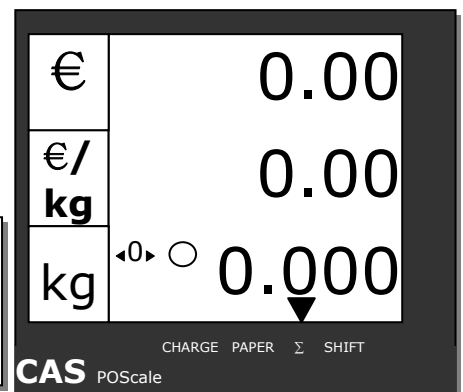
② Press **X** **1** **C1/C3** to make € 20.00 sales transaction for clerk 1.

X 1 C1
C3



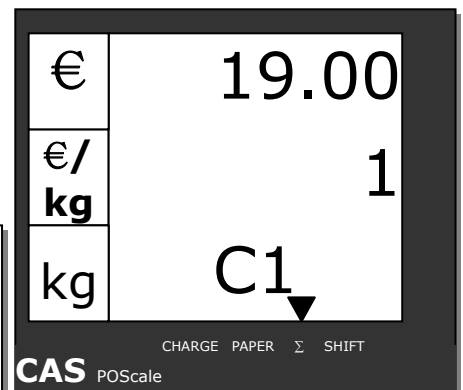
③ Press **SHIFT** **4** **C1/C3** to provide 5% programmed discount for current single transaction.

SHIFT 4
%⁻ C1
C3



④ Press **Σ** **C1/C3** to have the amount of subtotal after instant 10% of discount for a single transaction.

Σ C1
C3



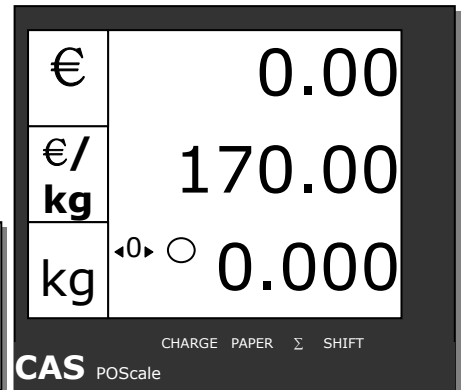
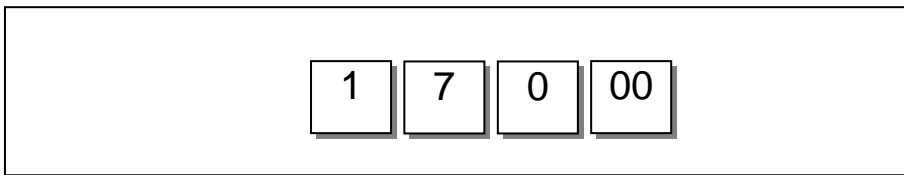
- Pressing **Σ** is to finalize the discount for a single transaction and print out the receipt.



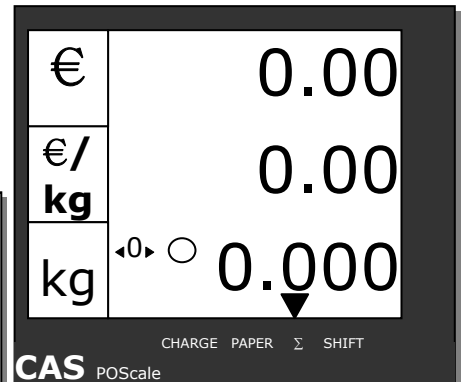
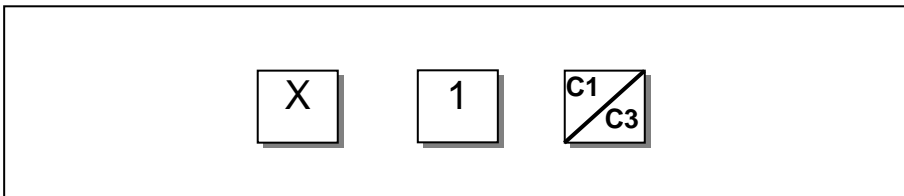
b. Discount from subtotal

When user got subtotal amount by pressing Σ he/she may make some percentage of discount for the subtotal. Let's assume to make **6% of programmed discount** (refer to II. program mode, SET1) for purchasing of € 170 valued commodity, for example.

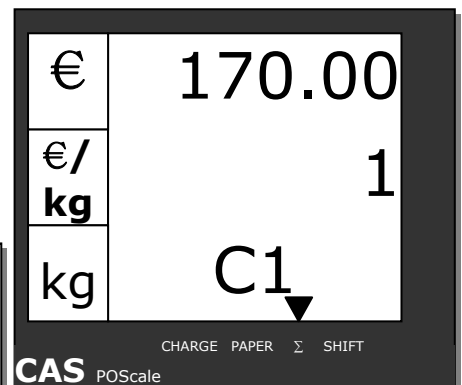
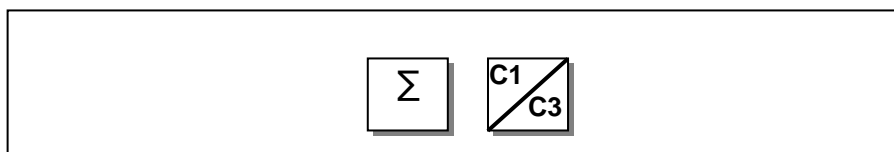
① A customer purchased €170.00 for a commodity.



② Press X , 1, $\frac{C1}{C3}$ to make € 170.00 sales transaction for clerk 1.

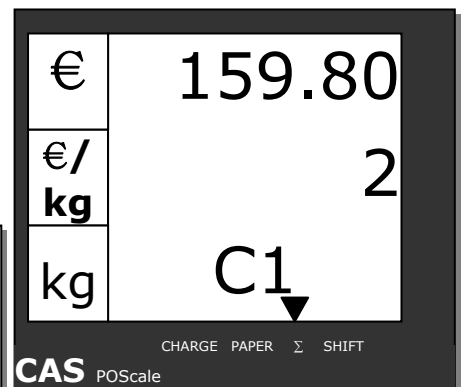
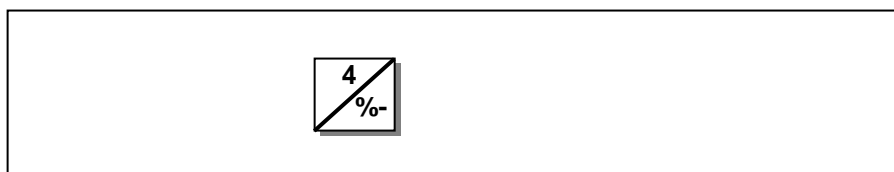


③ Press Σ and $\frac{C1}{C3}$ to have the amount of subtotal which clerk 1 made.



④ Press $\frac{4}{\%}$ to have the amount of subtotal after programmed 6% of discount transaction.

* You may apply "Instant discount" function to subtotal amount.



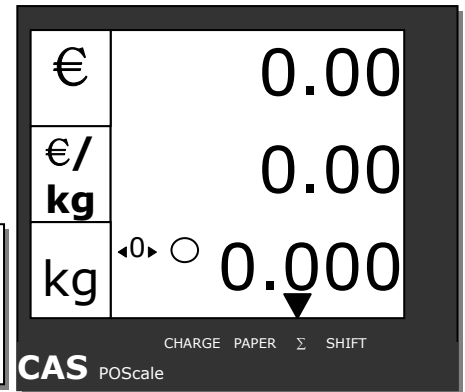
■ Pressing Σ is to finalize the discount from subtotal transaction and print out the receipt.



c. Payment

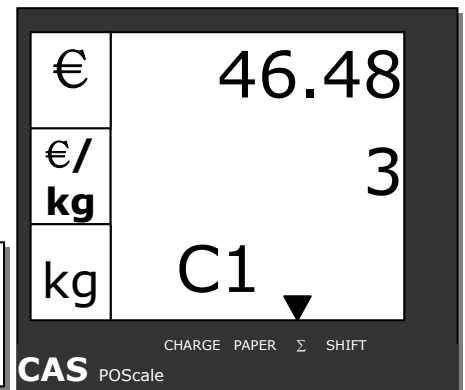
- Payment function works only in the *subtotal mode*.

Assumption: After clerk 1 made three sales transactions the subtotal amount of € 46.48 comes up. Customer wants to pay for € 20 in credit and rest in cash.

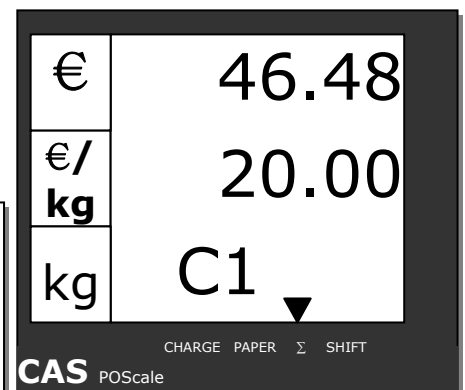
① ▼ indicates that current display is in subtotal mode as above assumption.




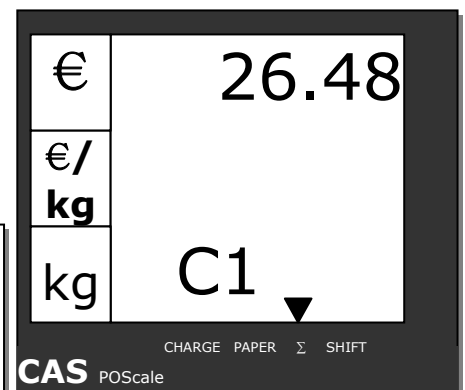
② Press  and  to have the amount of subtotal for clerk 1 as an example.



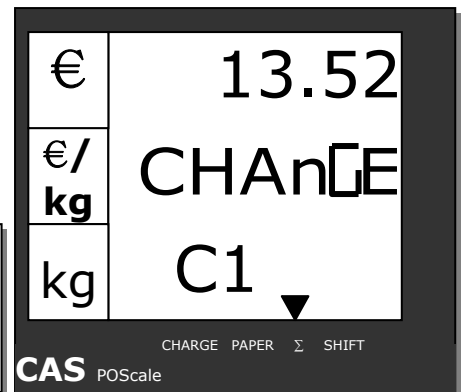
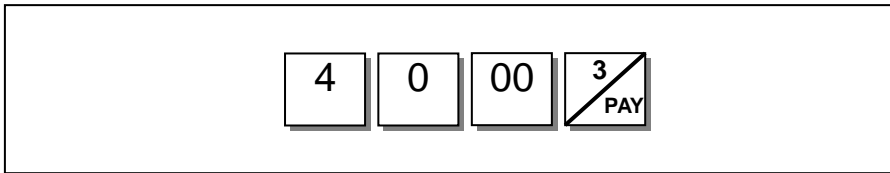
③ Press appropriate numeric keys to input the amount of payment in credit.



④ Press  and "pay" key to make payment in credit.



⑤ Press appropriate numeric keys to make rest of payment, € 40.00 ***in cash***.



⑥ Then, it automatically prints out receipt.

- Press **C** to clear and exit to sales mode.

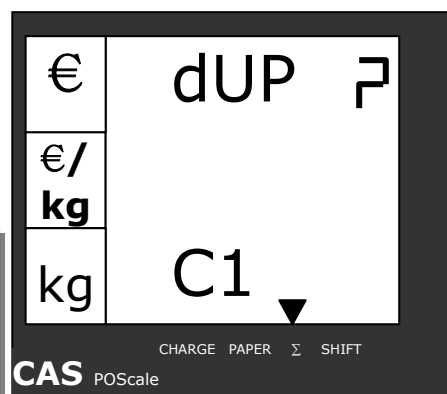


- If user is using the scale with **cash drawer** connected **the cash drawer** is also automatically opened as the pulse length of cash drawer set when printing the receipt. **Default** for pulse length of cash drawer is **50 m/s** (50/1,000 second). Please refer to page 69 for further detail of "pulse length setting".

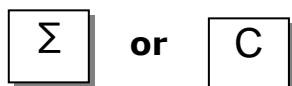
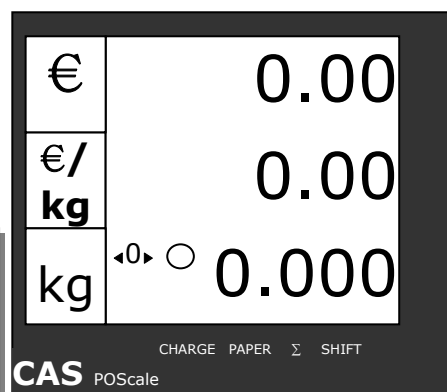
d. Duplicate receipt

- If user sets duplicate receipt ("dbl") as "YES" in the **OPTION setting** (refer to page on 77) of program mode the scale asks "DUP?" whenever printing receipt by using Σ or PAY key. If user presses Σ it prints the additional copy of receipt, and if press "C" key it does not print copy of receipt.

① The scale asks user "dUP?", duplicate of receipt when he/she already print out a receipt for current transaction.



② Press either Σ to print an additional copy of receipt or C not to print the copy.



Sample Receipt



- Printing receipt works only in the **subtotal mode**.
- Usually, user can automatically have receipt by using Σ .
- However, if "**Obligatory Pay**" function **setting** (refer to page on 81) is already set in the OPTION setting the scale does not automatically print out the receipt by pressing Σ . In this case user must input the amount of payment more than current total amount and then he/she can make a payment in cash or credit.

Chapter 6.

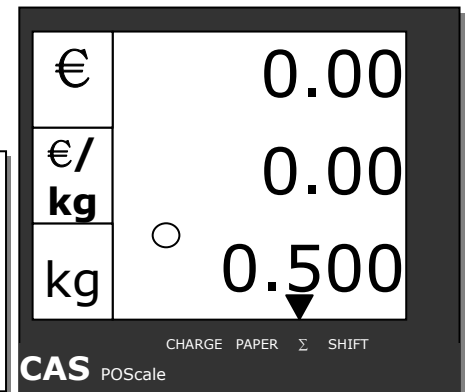
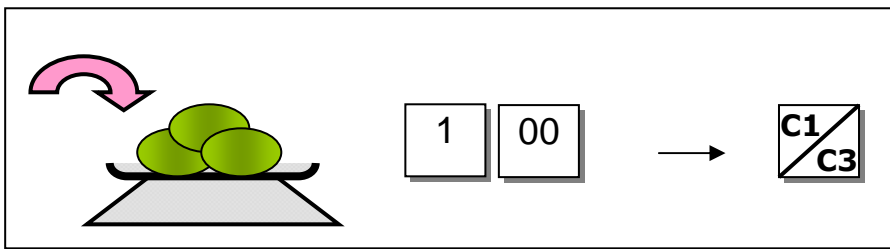
SALES TRANSACTION SIMULATION

Chapter 6. Sales Transactions Simulation

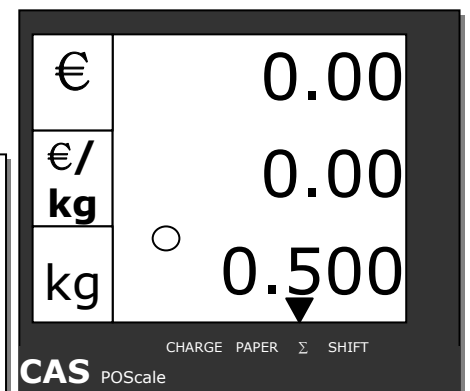
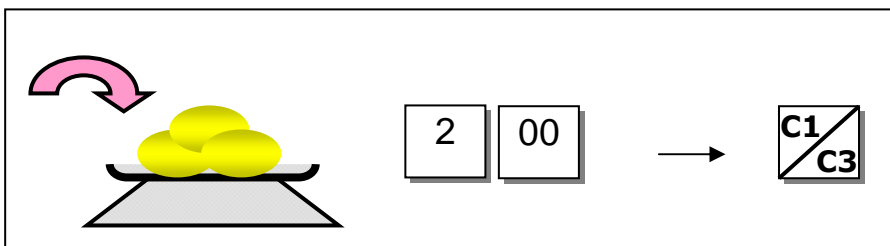
Assumption:

- Clerk sales mode: **"0"- All clerks sales mode** (Clerk mode on page 84)
- Programmed discount: **5%** (Discount percentage mode on page 64)
- Obligatory payment function: **"0"-disabled** (Obligatory payment setting on page 81)
- Duplicate receipt function: **"0"-disabled** (Duplicate receipt setting on page 77)
- Weight of commodity: **0.500 kg, and 1.000 kg**

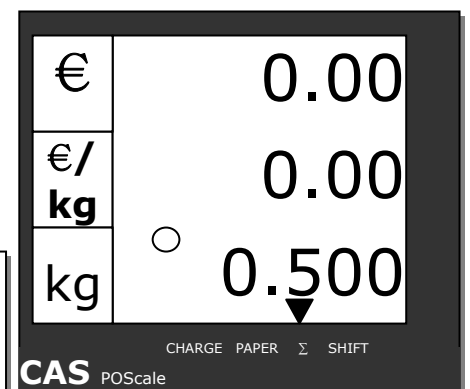
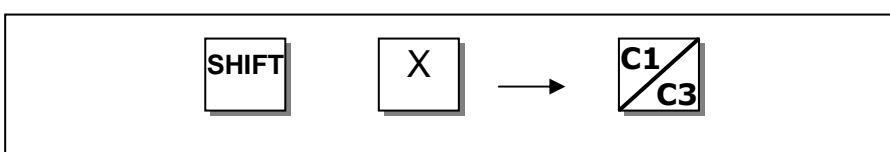
① Commodity (Kiwi) with free price, €1.00, Weight= 0.500 kg, clerk 1 sales.



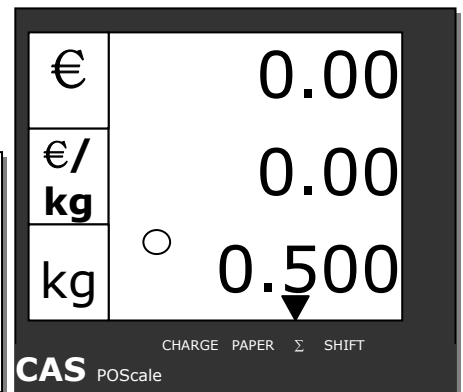
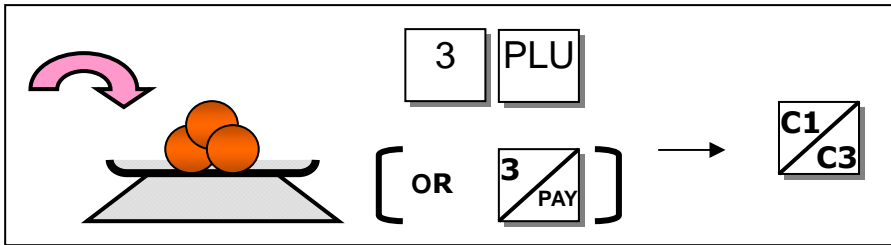
② Commodity (Melon) with free price, €2.00, Weight= 0.500 kg, clerk 1 sales.



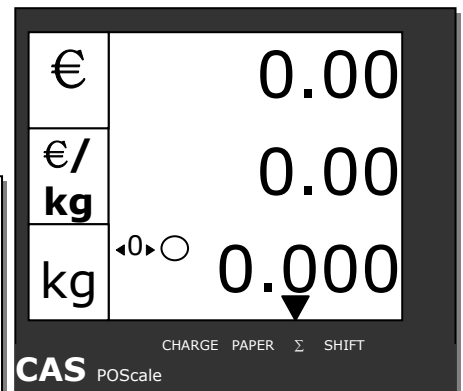
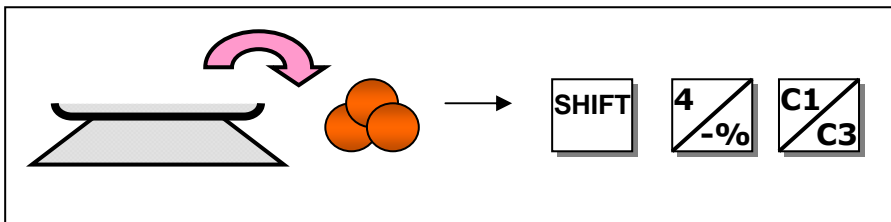
③ Void function



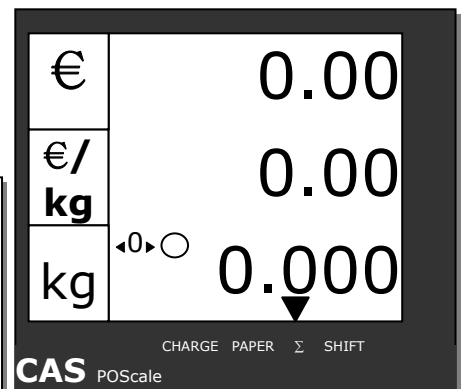
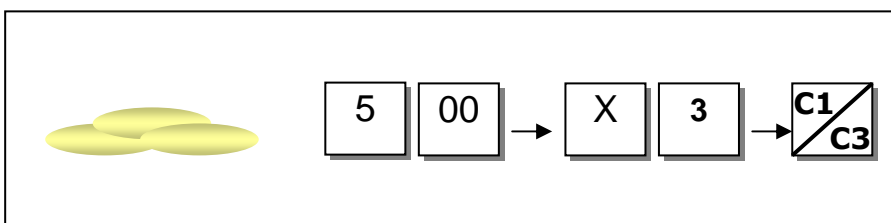
④ PLU 3 commodity (Tomato: €1.99/kg), Weight= 0.500 kg, clerk 1 sales.



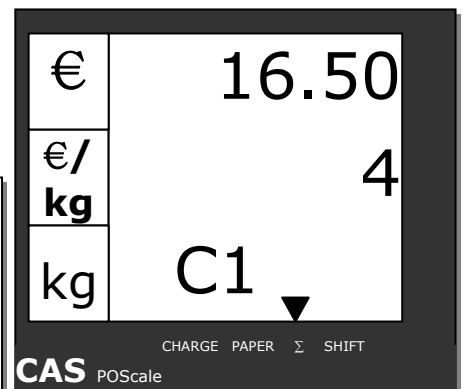
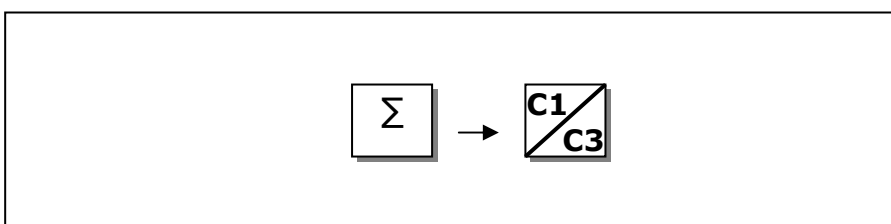
⑤ Programmed discount (5%) for PLU 3 commodity (Tomato), Weight= 0.500 kg, clerk 1 sales.



⑥ €5 of Non-weighed commodity (Garlic bread) X 3, clerk 1 sales

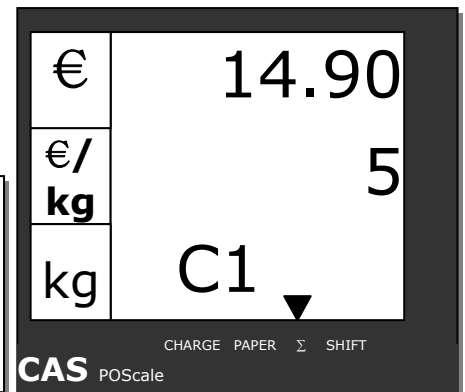


⑥ Subtotal, for example, €16.50. Total 4 transactions, and clerk 1 sales activities are shown on the display.



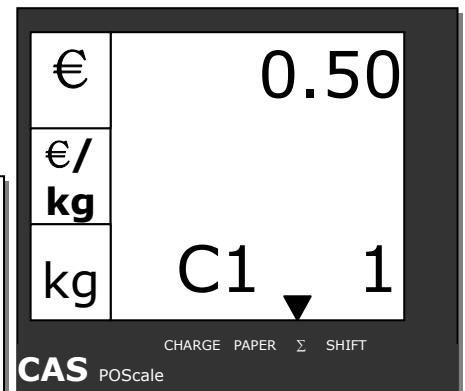
⑦ Discount of 10% for subtotal, €17.34.

1	0	4 %-
---	---	--------------------



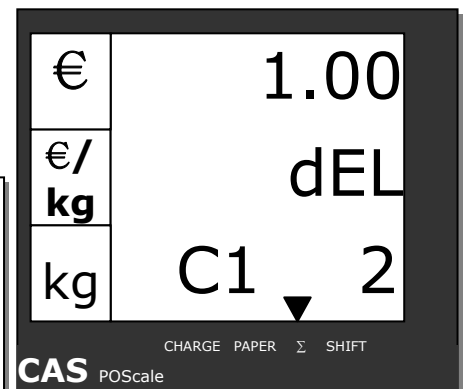
⑧ To review sales list press .



6 ▶



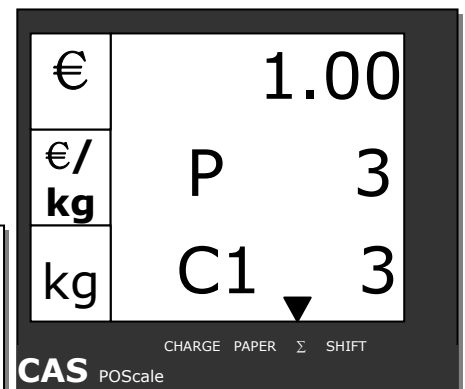
⑨ To review sales list press , "dEL" means VOID function has deleted the second transaction.

6 ▶

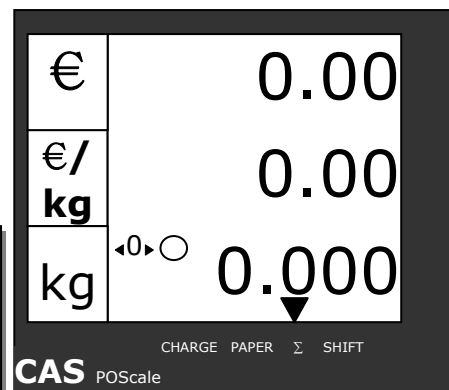
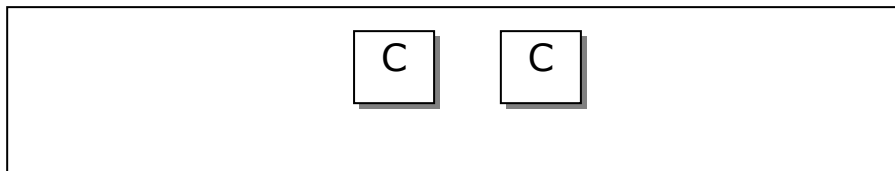


⑩ To review sales list press , "P 3" means that PLU 3 transaction has been completed. If user wants to exit from sales list press .

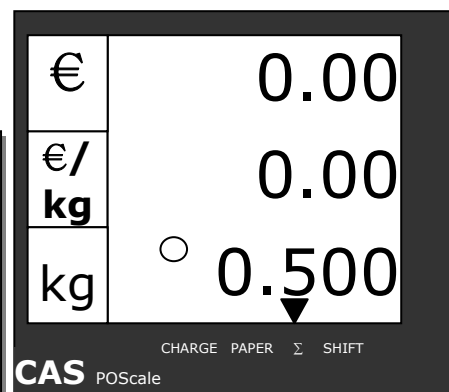
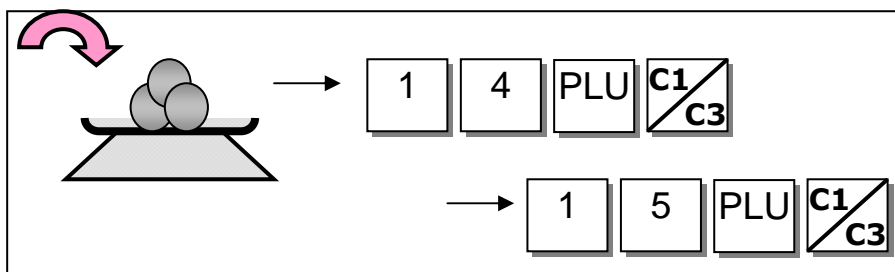
6 ▶



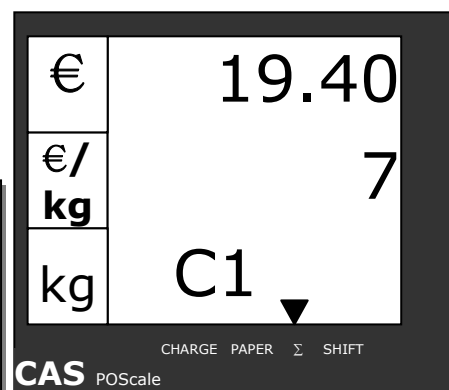
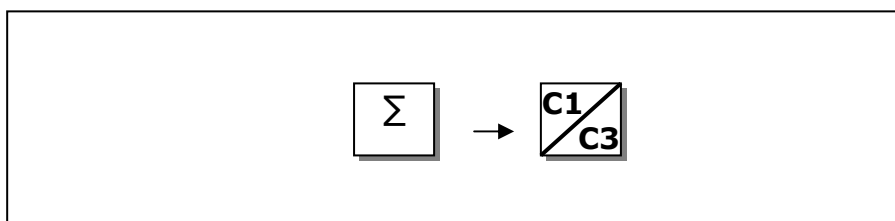
⑪ If user presses **C** to go back to sales mode the display is shown as right.



⑫ Two sales transactions for PLU 14 (€3.99/kg) and PLU 15 (€ 4.99/kg) with weight=0.500 kg, clerk 1 sales activities.





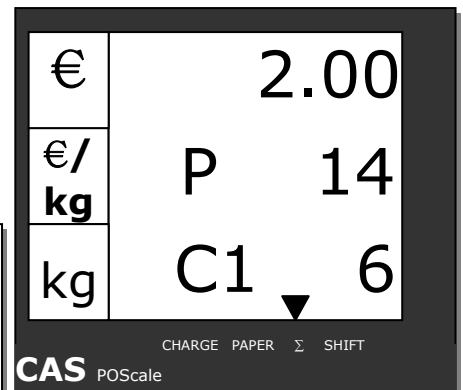
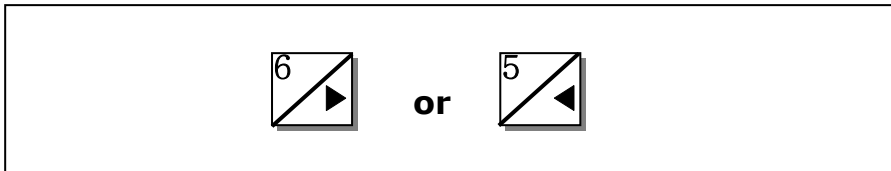
⑬ Subtotal mode. Subtotal is € 22.83, for example.





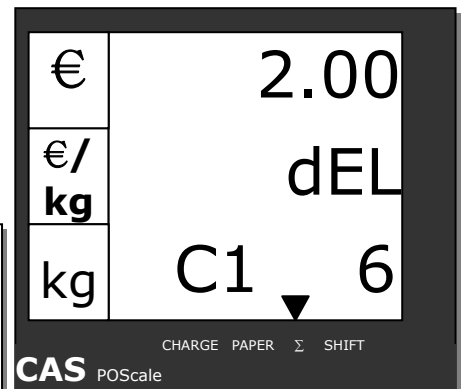
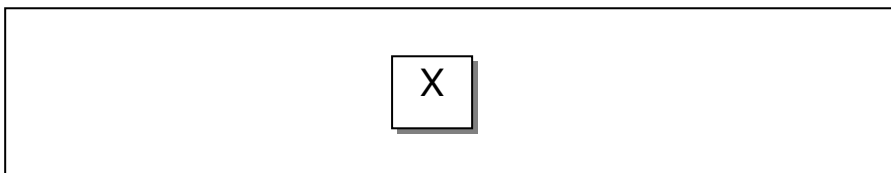
Deleting sales transaction in subtotal

- To delete a specific sales transaction user should go to the sales transaction on the sales list by using **6/▶** **5/◀** key.
- Then, press **X** to delete it.
- If any discount transaction is done for subtotal the sales included in the subtotal can not be deleted.
- User can not execute **Void function** of a sales transaction if any discount for the subtotal is already made.

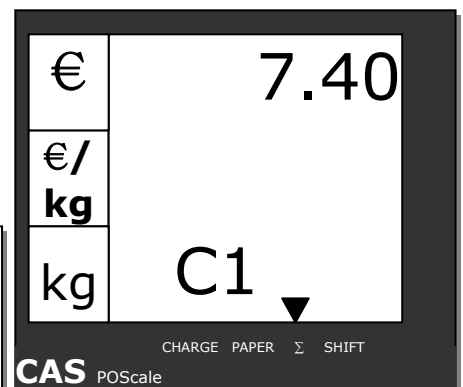
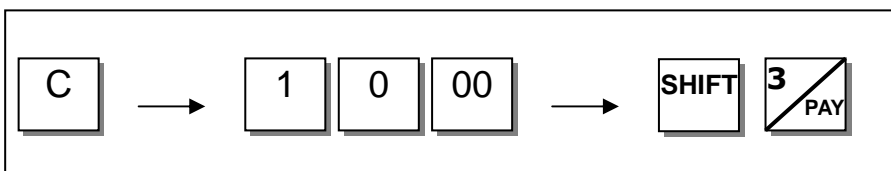
⑭ Go to the 6th sales transaction by using   to delete it.



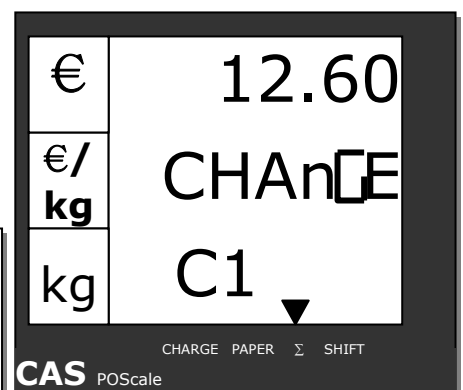
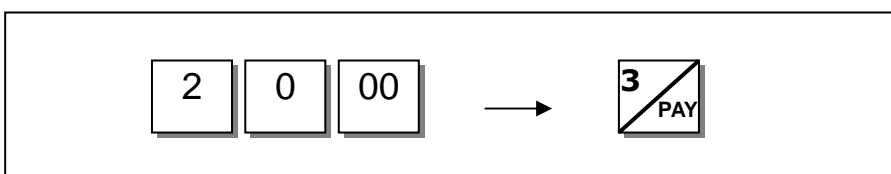
⑮ Press  to delete it. User may exit from this mode by pressing .




16. Payment of € 10.00 ***in credit*** and rest ***in cash*** for total € 20.18, for example.
Input € 10.00 of payment in credit.





17. Input € 20.00 to pay for remaining balance in cash.



- The receipt will be automatically printed and the scale is ready to exit to sales mode by pressing . If the change is "0.00" the scale automatically exits to sales mode.

Receipt sample from Sales Simulation



777		
CLERK 1	7777	
Kg	€/kg	€
FREE PRICE		
0.500Kg	1.00	0.50
FREE PRICE		
0.500Kg	2.00	1.00
0.500Kg	1.99	1.00 A
DISCOUNT	-5%	0.00
FREE PRICE NOWEIGHT		
3x	5.00	15.00
SUBTOTAL		16.50
DISCOUNT	-10%	-1.60
0.500Kg	3.99	2.00 A
0.500Kg	4.99	2.50 A
~~~~~ VOID ~~~~~		
FREE PRICE		
0.500Kg	2.00	-1.00
~~~~~ VOID ~~~~~		
0.500Kg	3.99	-2.00 A
TOTAL	€	17.40
CASH		20.00
CREDIT		10.00
CHANGE		12.60
TAX GROUP	TAX	TTL
NO TAXABLE		14.00
A= 0.00%	0.00	3.40
NUMBER OF SALES		4
17/11/2011	01:52:43	000140
777		
		
2 015033 017404		

II. Program Mode

Chapter 7. PLU Programming

- a. Price
 - Code
 - Department
 - Name
- b. Tax rate group A~H
 - Weighed or non-weighted item
 - Fixed or non-fixed unit price
 - Printing barcode
- c. One touch PLU data Erasing (refer to Chapter 10. SET 2. C. for more detail)

Chapter 8. Report

- a. PLU data list
- b. PLU report
- c. Clerk report
- d. Department report
- e. Tax report
- f. Hourly sales report
- g. Closing Report

Chapter 9. SET 1 (Discount, Barcode formatting & HW setting)

- a. Baud rate (bps)
 - Auto power-off
 - Discount percentage
- b. Formatting barcode for single transaction
- c. Formatting barcode for total
- d. Pulse length of opening cash drawer
- e. Printing darkness
- f. Currency symbol or name

Chapter 10. SET 2 (Date, Time & Default setting)

- a. Date
Time
- b. One touch PLU data Erasing
Default setting

Chapter 11. OPTIONS (Receipt Formatting)

- a. Printing ticket (receipt)
- b. Duplicate receipt
- c. Image (graphic logo)
- d. Printing barcode for a single transaction
- e. Printing barcode for total transaction
- f. Obligatory payment
- g. Discount
- h. Printing PLU code
- i. Printing all reports

Chapter 12. Clerk

- a. Clerk Mode
- b. Name 1, 2, 3, 4

Chapter 13. Logo

- a. Header (6) & Footer line (2) setting
















Chapter 14. Tax rate group

- a. Tax rate group (A~H) setting

Chapter 15. Test

- ADC
- SPAN
- Display
- Keyboard
- RAM
- Printer
- Battery voltage

Table 4: Most commonly used keys in program mode

KEYS	FUNCTIONS PROGRAM MODE
	<ul style="list-style-type: none"> To get into program mode
 	<ul style="list-style-type: none"> To choose menu To move to previous or next character
	<ul style="list-style-type: none"> To go to the higher level of menu
	<ul style="list-style-type: none"> To go to the lower level of menu To save number To get into edit mode
  	<ul style="list-style-type: none"> To input number To input number from an ASCII code
	<ul style="list-style-type: none"> To clear all text
	<ul style="list-style-type: none"> To delete characters like backspace key
	<ul style="list-style-type: none"> To input and save character in accordance to ASCII code
Boolean value	
	<ul style="list-style-type: none"> To disable
	<ul style="list-style-type: none"> To enable
	<ul style="list-style-type: none"> To save
	<ul style="list-style-type: none"> To clear

Chapter 7.

PLU Programming



Chapter 7. PLU Programming

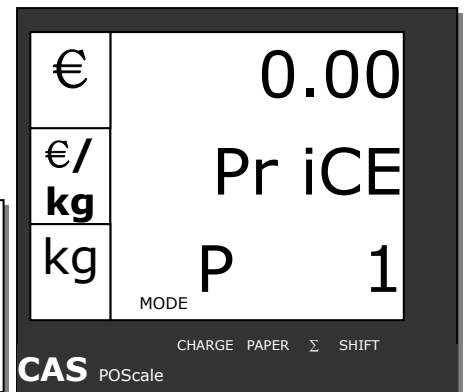
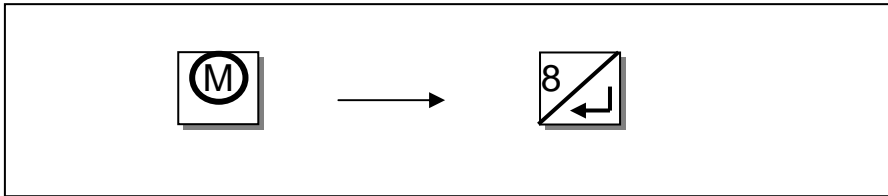
This chapter explains how to input all of PLU-related data into the scale. User can store such information as price, code, department, name, tax rate group, weighed or non-weighed, fixed or not-fixed unit price, barcode printing etc. Let's look at how to input price information on the scale.


Table 5: PLU programming

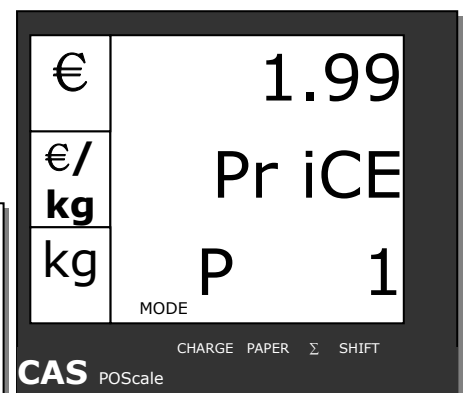
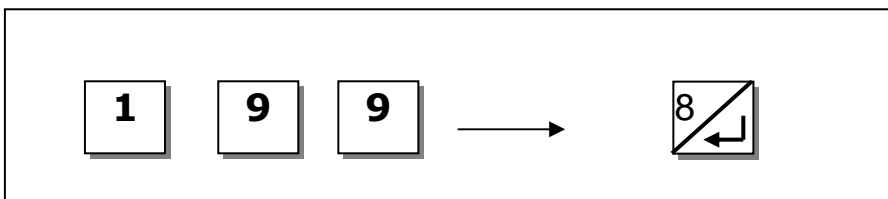
PLU Programming	Minimum	Maximum	Remark
Digits for Price	0 ~ 9999.99		
Code	0 (<u>disabled</u>)	999999	
Department number	0	39	
PLU Name (character)	0	32	
Tax group	A~H		
Weighed or non-weighed item	Yes	or No	
Fixed or non-fixed item	Yes	or No	
Barcode printing or not	Yes	or No	



a. Price, Code, Department, and Name

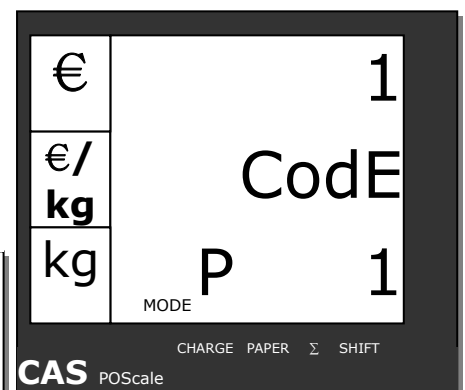
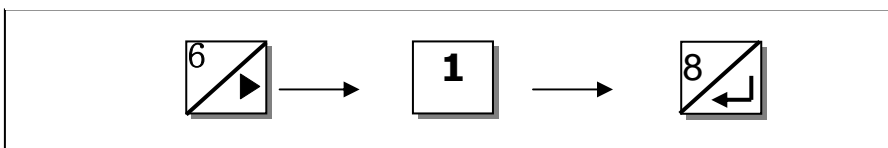
- ① press  key to get into PLU programming mode from main menu, and then press  key.



- ② To input PLU's unit price press numeric keys you wish. For example, if you input \$1.99 for PLU 1 press 1, 9, and 9 and press  to store.

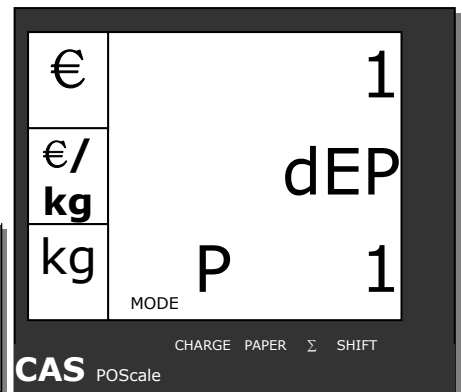
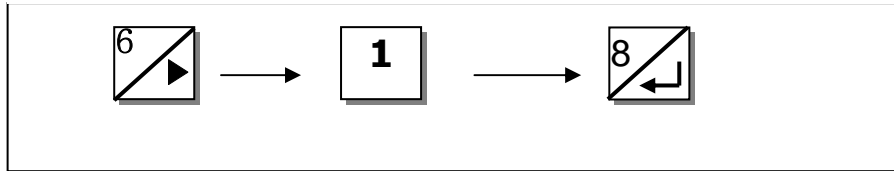


- ③ Press  to go to input mode, and you can input any number of 0~999,999. Then, press . For example, input 1 for this PLU.

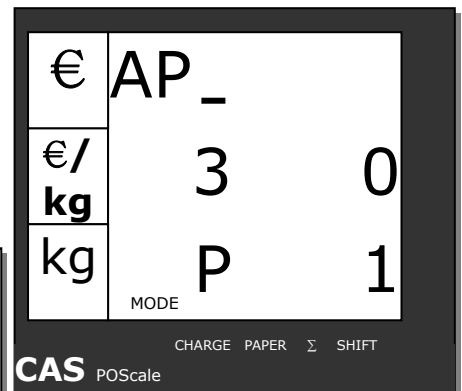
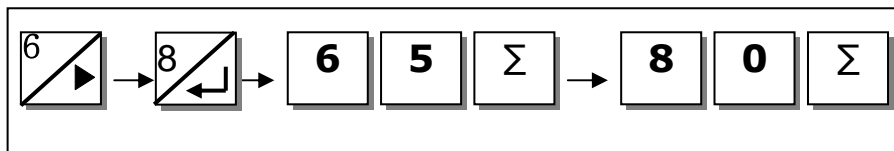


- If user inputs "0" in the code for a specific PLU the PLU is ***disabled***.

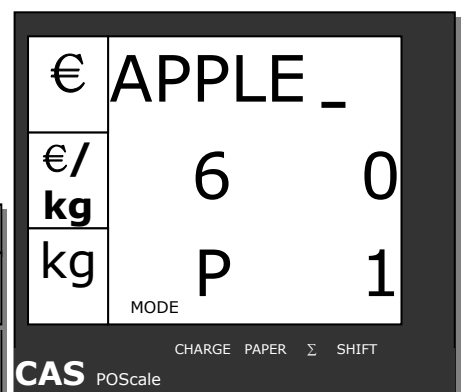
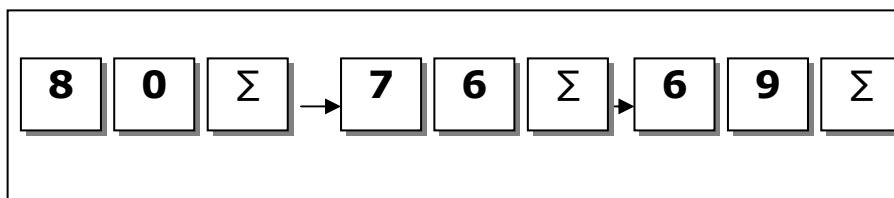
④ Press to go to input department number, and you can input any number of 0~39, then, press . For example, input "1" for the department number.



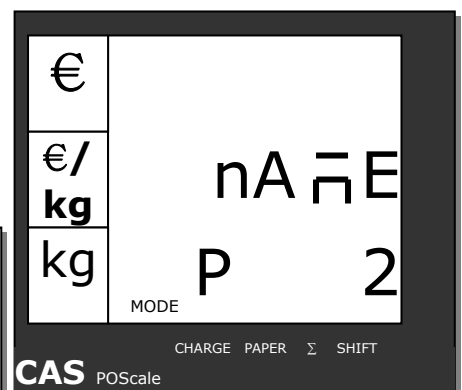
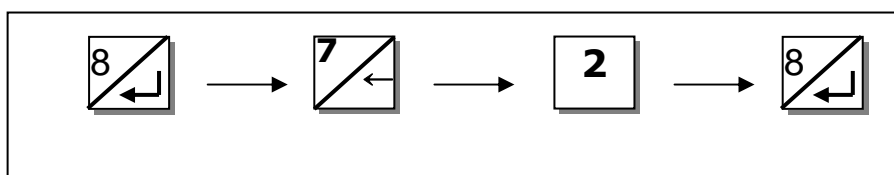
⑤ Press to go to input PLU name, . You can input up to 32 characters in accordance to Table 8: code on page 97. Then, press to save the name. For example, input "APPLE" for PLU 1. Press numerical keys as followed.



⑥ Press numerical keys as followed.





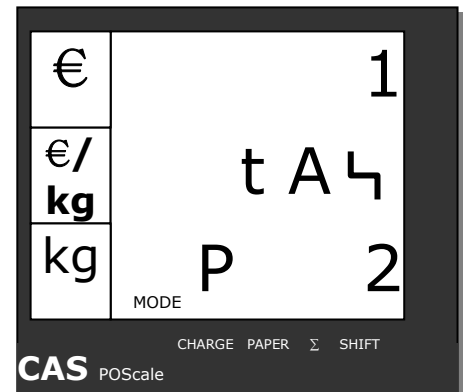
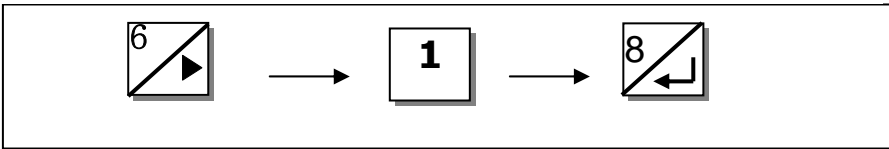
⑦ press to save the name input. If user wants to continue to input other PLU name he/she needs to exit to PLU mode by pressing and press appropriate numeric keys.





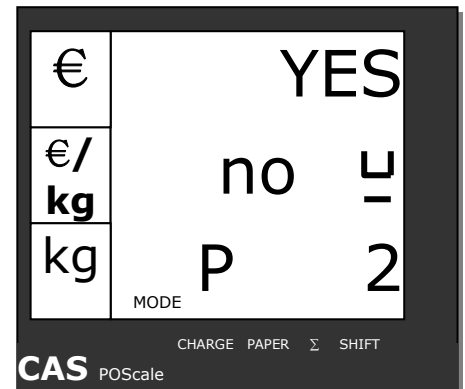
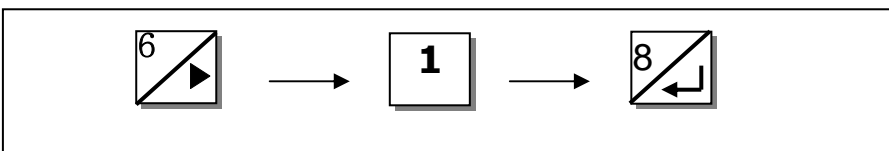
* Maximum number of PLU is up to 1,799.



b. Tax, Non-weighed, fixed PLU price & barcode printing

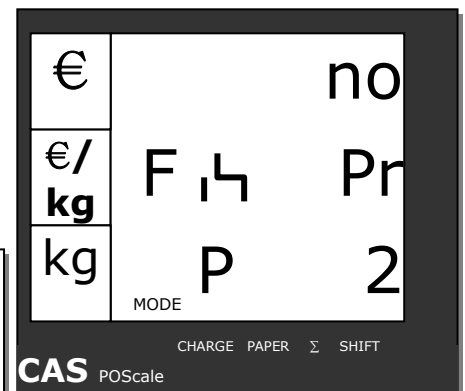
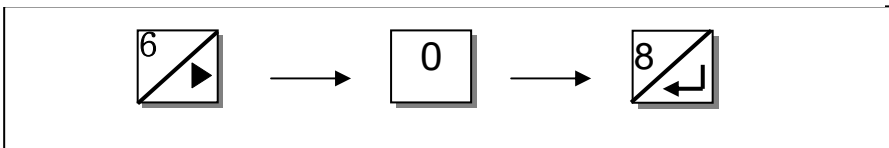
- ⑧ Press  to go to tax group setting mode, and you can input any one of tax rate groups, A~H, then press . For example, input tax group 1 for this PLU (please refer to tax rate setting on page 91).





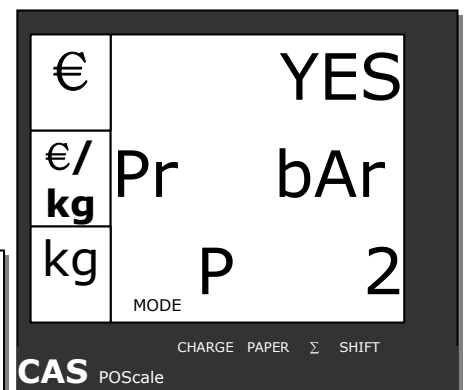
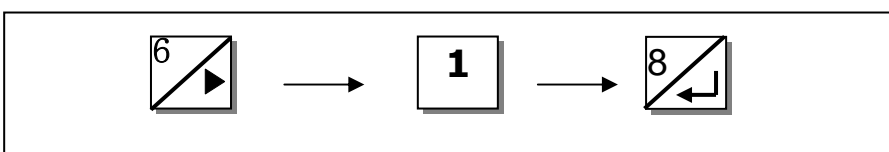
- ⑨ Press  to go to "non-weighed" setting mode. This setting is to select non-weighed or weighed commodity for current PLU selected. User can select YES or no by pressing "1" or "0" respectively. Then, press  to save it.



- ⑩ Press  to go to fixed PLU price setting mode. This setting is to select either fixed or non-fixed PLU price. If user selects fixed PLU price he/she can not change unit price when called up the PLU. User can select YES or no by pressing "1" or "0" respectively. Then, press  to save it.

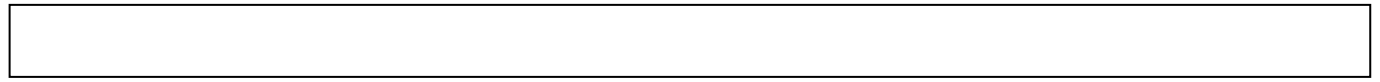


- ⑪ Press  to go to barcode printing mode. User can select YES or no by pressing "1" or "0" respectively. Then, press  to save it.



C. One touch PLU data Erasing

Please refer to [Chapter 10. SET 2. C.](#) for more detail.



Chapter 8.


Report

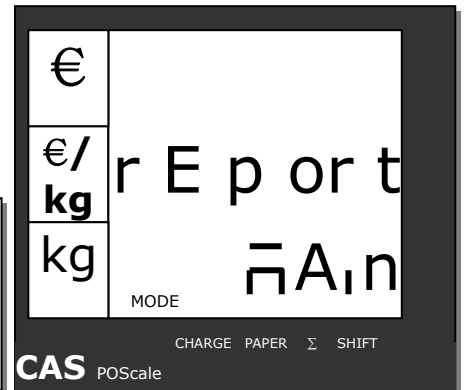
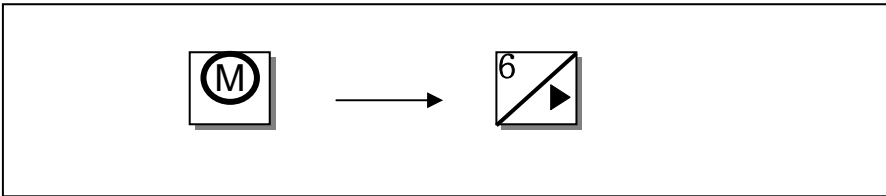
Chapter 8. Report



This chapter explains how to print out all kind of reports in POScale. POScale provides such reports as PLU data list, PLU, clerk, department, tax, hourly sales reports.

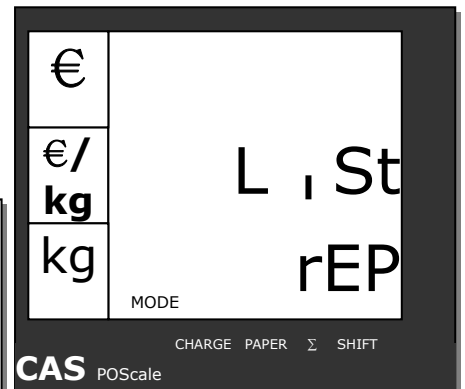
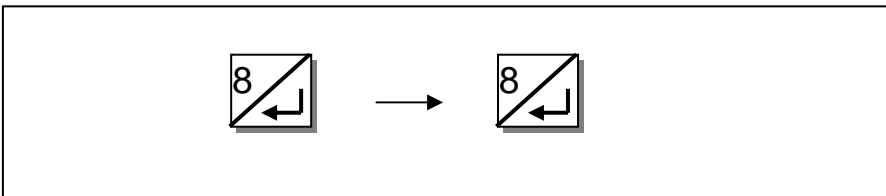
All of report always includes two special PLUs, PLU 0 and PLU 1,800 on top of report.

a. PLU data list

- ① press -M- key to go to PLU programming mode from main menu, and then press  key.



- ② To print out list of all PLU data press  twice. Press  to stop printing of list if user wants.



Sample Report

PLU LIST					
PLU	CODE	GR	TX	NFB	PRICE
0000	999999	00	0	NNY	0.00
FREE PRICE					
1000	999998	00	0	YNY	0.00
FREE PRICE NOWEIGHT					
0001	000001	01	0	NNY	1.99
APP E					
0008	000008	01	1	NNY	2.89
0014	000014	02	1	NNY	5.99
0015	000015	03	3	NNY	6.99




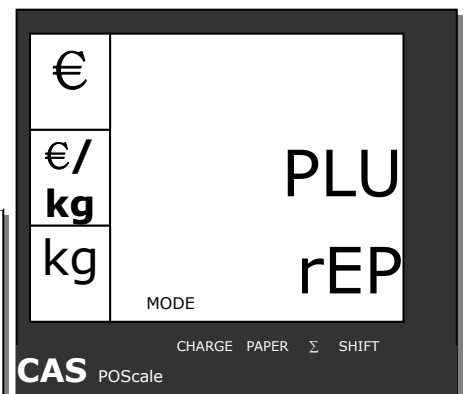
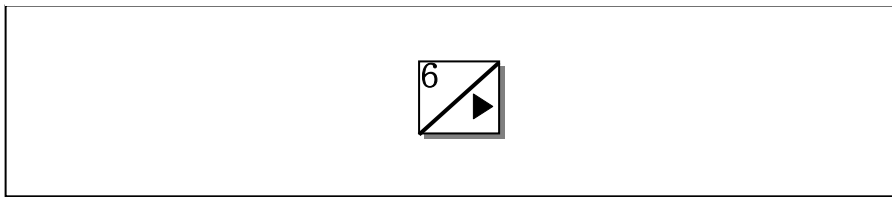
Table 6: "C" key operation while printing

Report	Does "C" (Cancel) key work while printing report?	
	YES	NO
PLU data list	O	
PLU	O	
Clerk		X
Department	O	
Tax		X
Hourly sales		X
Closing		X

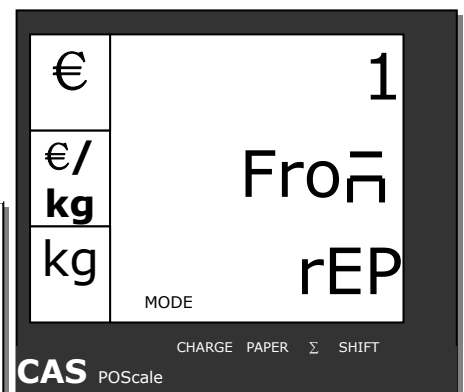
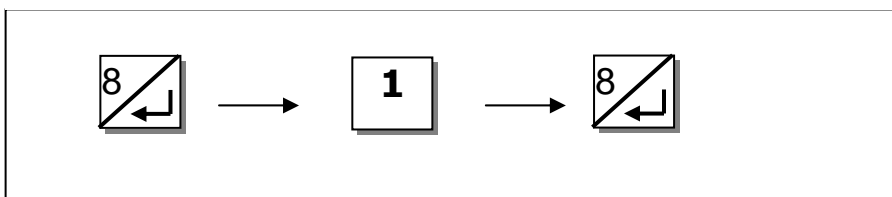
b. PLU report

- PLU report always includes two special PLUs, **PLU 0** and **PLU 1,800**.
- PLU 0 is the **sum of non-PLU transactions** and **weighed item sales**
- PLU 1800 is the **sum of non-PLU** and **non-weighed item sales**.

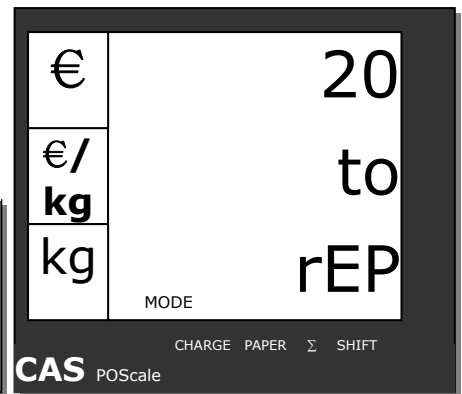
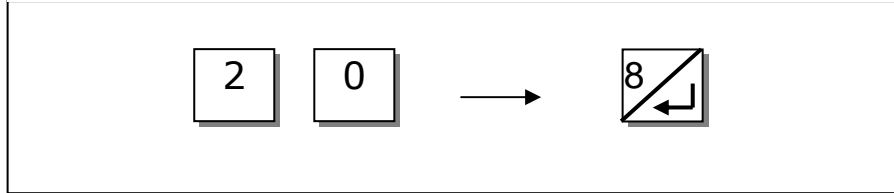
① Press  to go to PLU report mode. This mode shows only PLU items sold and two special PLU items sold on the report.



② Users can select any between PLU 1 and 1,799 for setting report range. For example, select 1~20 for PLU report.



③ Automatically print out the PLU report ranging from 1 to 20, and two special PLUs.



Sample Report

DALAVER COMERS		
OOD, LTD, GmbH		
Hr. Maksimov str. 11		
20/11/2003		13:35:34

OLD REPORT Z 05/11/2011 16:40:26		



PLU REPORT		

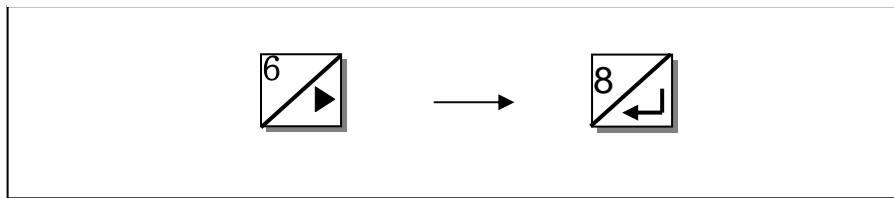
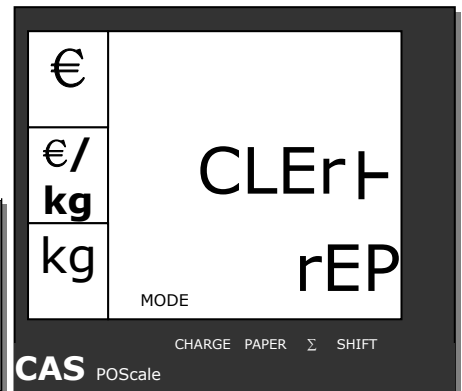
PLU	COUNT	QUANT
PART		TTL

0000	10	8.002
3%		14.76
FREE PRICE		
1000	36	75
87%		437.25
FREE PRICE NOWEIGHT		
0001	4	4.624
2%		9.20
APP E		
0008	1	2.458
1%		7.10
0014	1	2.458
3%		14.72
0015	2	3.032
4%		21.19

c. Clerk report

- This reports *all sales-related activities for four clerks*.
- This report includes such information as the *number of clients* (customers), *clerk's total sales amount, proportional percent of total sales amount, the amount and number of canceled transaction, the amount and number of discount*, and *the amount of sales in cash and credit* respectably.

① Press  to go to clerk report mode, and press  to print out the report.



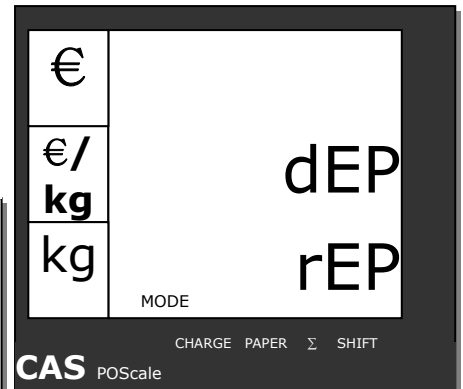
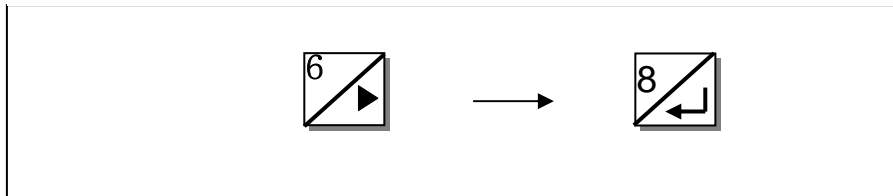
Sample Report

```

DALAVER COMERS
OOD, LTD, GmbH
Hr. Maksimov str. 11
20/11/2003 13:36:47
OLD REPORT 2 05/11/2011 16:40:26
-----
CLERKS REPORT
-----
CLERK 1
CLIENTS 53
TOTAL 2628.33
COUNT 68
TOTAL PERCENT 99%
TOTAL CANCEL 20.81
COUNT CANCEL 8
TOTAL DISCOUNT 18.13
COUNT DISCOUNT 11
TOTAL CASH 2578.33
TOTAL CREDIT 50.00
CLERK 2
CLIENTS 1
TOTAL 4.44
COUNT 1
TOTAL PERCENT 0%
TOTAL CANCEL 0.00
COUNT CANCEL 0
TOTAL DISCOUNT 0.00
COUNT DISCOUNT 0
TOTAL CASH 4.44
TOTAL CREDIT 0.00
CLERK 3
CLIENTS 1
TOTAL 13.32
COUNT 1
TOTAL PERCENT 1%
TOTAL CANCEL 0.00
COUNT CANCEL 0
TOTAL DISCOUNT 0.00
COUNT DISCOUNT 0
TOTAL CASH 13.32
TOTAL CREDIT 0.00
CLERK 4
CLIENTS 1
TOTAL 5.60
COUNT 1
TOTAL PERCENT 0%
TOTAL CANCEL 0.00
COUNT CANCEL 0
TOTAL DISCOUNT 0.00
COUNT DISCOUNT 0
TOTAL CASH 5.60
TOTAL CREDIT 0.00
    
```

d. Department report

② Go to *the department report mode*.



e. Tax report and hourly sales report

The same process as department report.

- Tax report: total tax amount and sales amount for each 8 tax groups.
- Hourly sales report: hourly sales total amount, count, and percent for a day.

Sample Report

DALAVER COMERS
 OOD, LTD, GmbH
 Hr. Maksimov str. 11
 20/11/2003 13:37:20

OLD REPORT Z 05/11/2011 16:40:26

TAXES REPORT

TAX GROUP	TAX	TTL
NO TAXABLE		2606.46
A= 0.00%	0.00	21.82
B= 0.00%	0.00	2.22
C= 0.00%	0.00	21.19
D= 0.00%	0.00	0.00
E= 0.00%	0.00	0.00
F= 0.00%	0.00	0.00
G= 0.00%	0.00	0.00
H= 0.00%	0.00	0.00

Sample Report

DALAVER COMERS
 OOD, LTD, GmbH
 Hr. Maksimov str. 11
 20/11/2003 13:37:29

OLD REPORT Z 05/11/2011 16:40:26

TIME REPORT

HOUR	COUNT	PERCENT	TTL
0	0	0%	0.00
1	0	0%	0.00
2	0	0%	0.00
3	0	0%	0.00
4	0	0%	0.00
5	0	0%	0.00
6	0	0%	0.00
7	0	0%	0.00
8	0	0%	0.00
9	1	0%	2.22
10	14	1%	30.85
11	0	0%	0.00
12	10	9%	251.75
13	28	8%	205.64
14	4	1%	18.99
15	7	6%	163.59
16	5	64%	1688.94
17	2	11%	289.71
18	0	0%	0.00
19	0	0%	0.00
20	0	0%	0.00
21	0	0%	0.00
22	0	0%	0.00
23	0	0%	0.00



f. Closing report

This will set all of accumulated sums zero and close all of daily sales activities by printing report.

- If user already sets "report all" function "YES" in OPTIONS setting of program mode the scale automatically print all of reports included such as PLU data list, PLU report, clerk report, department report, tax report, and hourly sales report by executing.

Chapter 9.

SET 1

(Discount, Barcode formatting & HW setting)

Chapter 9. SET 1 (Discount, Barcode formatting & HW setting)

This chapter explains how to set BAUD rate, auto power-off, LAN number, discount rate, barcode format for a single or total, and pulse length for opening cash drawer. In addition to these, it also describes how to set printing darkness and input currency symbol or name.

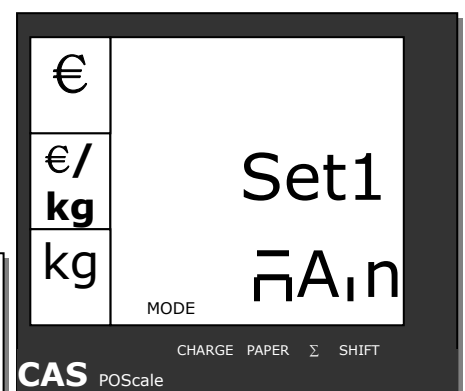
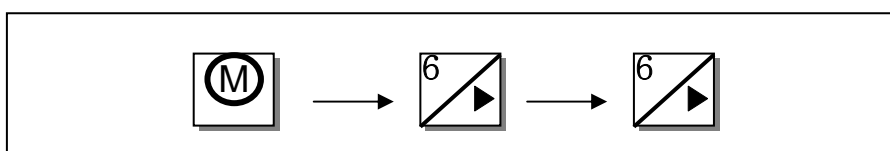
Table 7: SET 1


SET 1	Minimum	Maximum	Remark
BAUD Rate (bps; bit per sec.)	1200, 2400, 4800, 9600, 14400, 19200, 28800, 38400, 57600, 115200		
Auto Power-off timing setting (min.)	1	240	0:No Auto Power-off Auto power-off works only in battery usage.
LAN number (#)	※ This version of POScale does not support network function. It will be provided in the future.		
Discount Rate (%)	0	99	
Barcode Format			
Cash Drawer-Opening Pulse (ms.)	1	99	
Printing Darkness	1	5	Default: 3
Currency Symbol or Name (characters)	0	3	

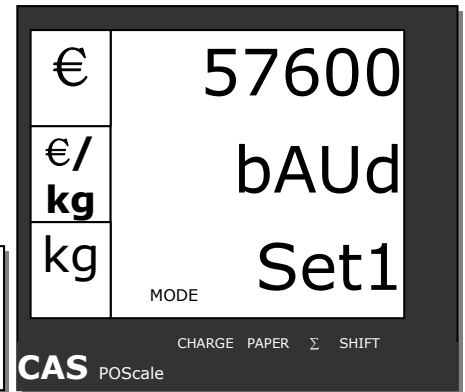
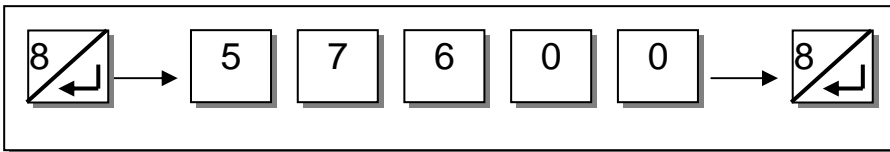
a. BAUD rate (bps)



BAUD rate is the data-downloading or uploading speed between the scale and PC. User may set appropriate one of 10 speed options depending on his/her usage environment.

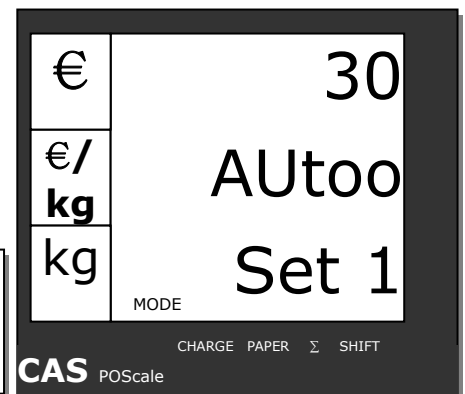
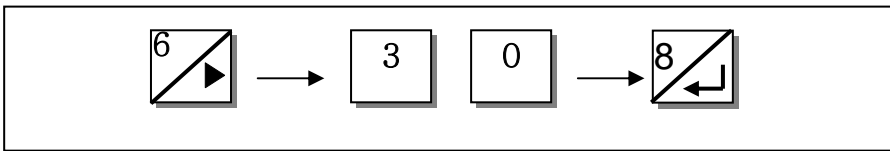
① Press  and  to go to **SET 1 mode**.




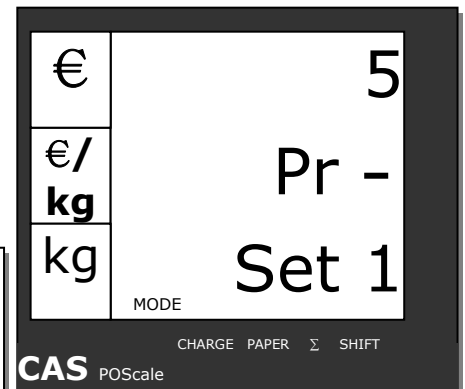
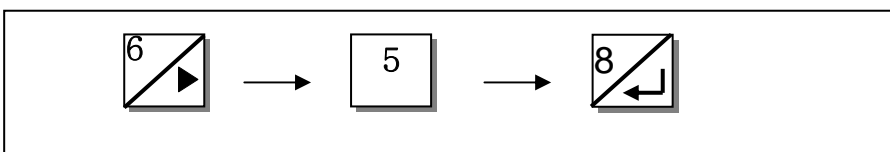
② Press  to go to **BAUD rate setting mode**. User may input any one of options 1200~115200 to meet best usage environment. Please refer to "Table 7: SET 1" on page 64 for speed options. For example, select 57600.




③ Press  to go to **Auto Power-Off setting mode**. User may input any minute 0~240 to set power-off, and then, press  to save it. Auto power-off works only in battery usage.

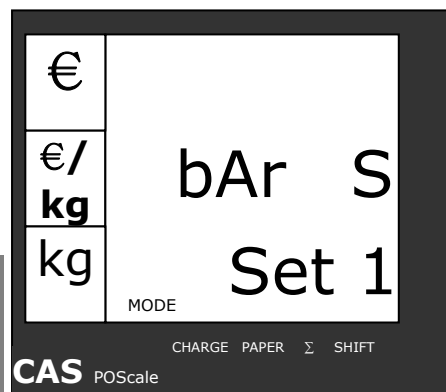
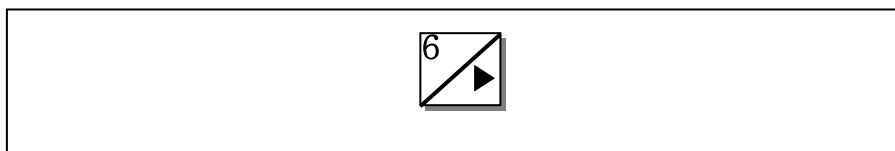



④ Press  to go to **Discount rate setting mode**. This is to set programmed discount rate between 0~99%. For example, let's set 5 % of programmed discount rate.

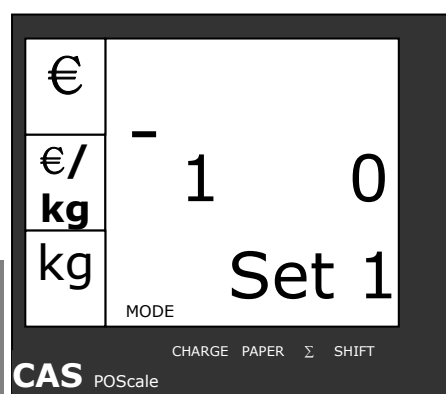
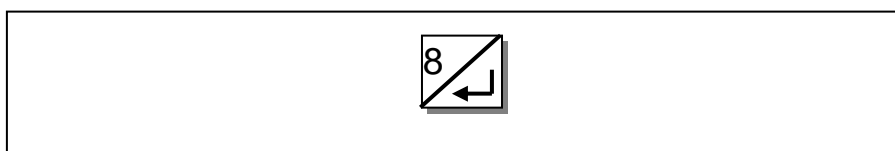


b. Barcode format setting for a single transactions

⑤ Press  to go to **Barcode format setting for a single transaction mode**.



⑥ Then, press  again to get into input barcode string, using code table on page 97. Now it's ready to input appropriate barcode string.



- POScale supports "**EAN 13**" type of barcode format, which has 12 digits input and constant 1 digit by itself.
- Barcode string: MXNXNMXN....XN
 - X: The following information can inserted at "X" location.
 - ♦ W: Weight (up to **5 digits** due to POScale display)
 - ♦ U: Unit price (up to **6 digits** due to POScale display)
 - ♦ P: Total sum (up to **7 digits** due to POScale display)
 - ♦ N: Code of PLU
 - ♦ B: Number of receipt
 - ♦ D: Department
 - ♦ C: Clerk (1~4)
 - ♦ V: Price control sum ("**V**" can be inserted only before "up to 5 digits for U (unit price)" or "up to 5 digits for P (total sum)" to make sure price-related information.
 - ♦ M: Number of sales transaction on receipt
 - N: Number of digit(s)
 - M: Constant digit(s)

- **Total number of digits** input in the barcode must be exactly **12!**
- The **parameter X** specifies what will be printed on receipt. User can choose any between following parameters and can set the number of digit printed on the receipt.
- Then **parameter N** right after parameter X is obligatory. It indicates the number of digits, which will be printed after the digits the parameter X specifies.
- The **constant digit(s), M** is not obligatory and can be inserted anywhere in the string between group XN. This digit(s) will be printed unconditionally.

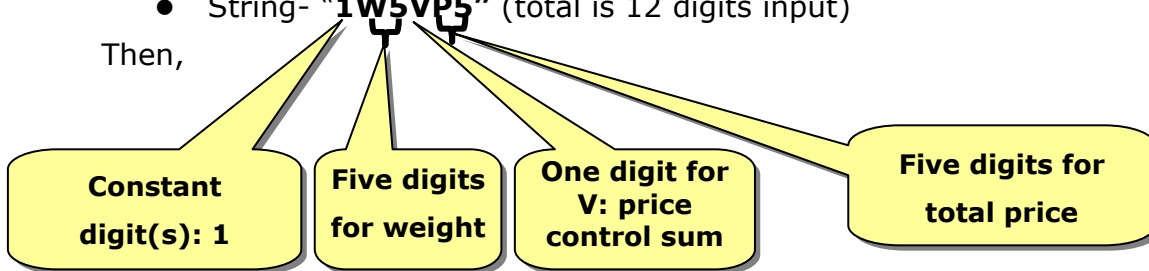
After setting barcode in accordance to basic principle, let's get into some practical cases.

➤ **Case 1:**

Assumption:

- Weight - 1.234
- Total price - 4.83
- String- "1W5VP5" (total is 12 digits input)

Then,



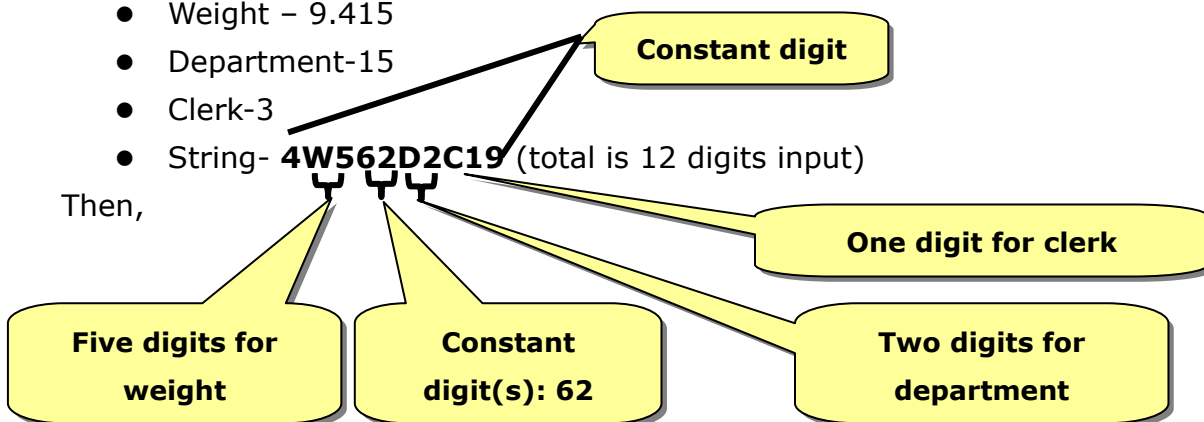
Barcode -> 101234500483 (total is 12 digits input)

➤ **Case 2:**

Assumption:

- Weight - 9.415
- Department-15
- Clerk-3
- String- "4W562D2C19" (total is 12 digits input)

Then,

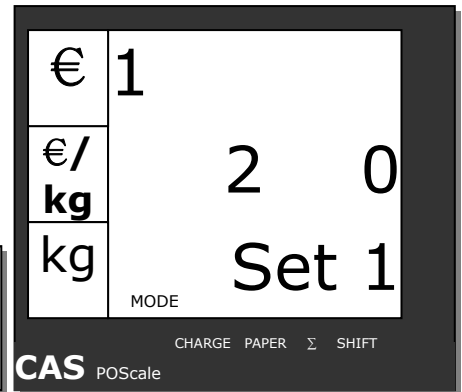


Barcode -> 409415621539 (total is 12 digits)

Let's try to set barcode for above case 1. User should input codes- 49, 87,53, 86, 80, 53- for barcode string, **1W5VP5**.

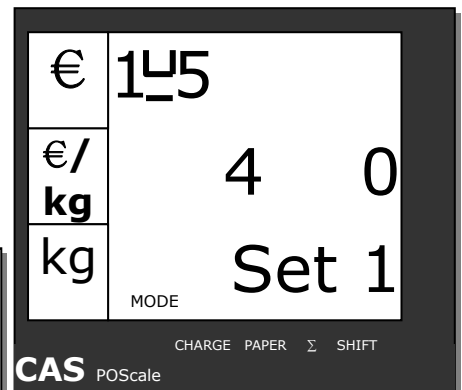
⑦ Press and to input "1", the first digit of string in *barcode for a single sale setting mode*.

→



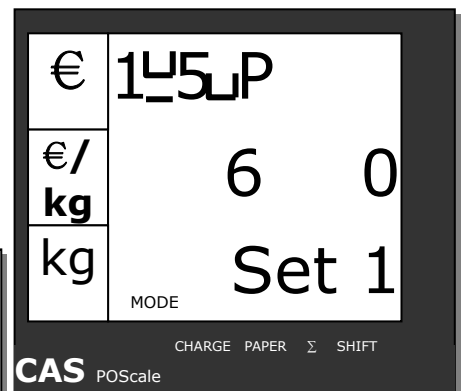
⑧ Press the following keys to continue to input barcode string.

→



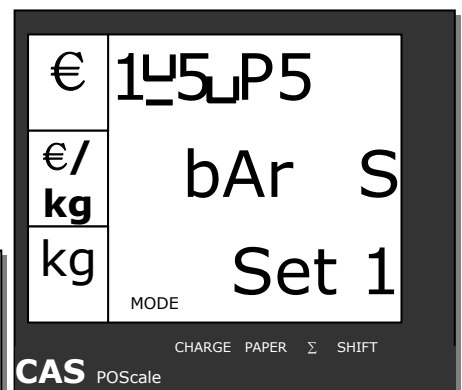
⑨ Press the following keys to continue to input barcode string.

→



⑩ Press the following keys to continue to input barcode string.

→



c. Barcode format setting for total

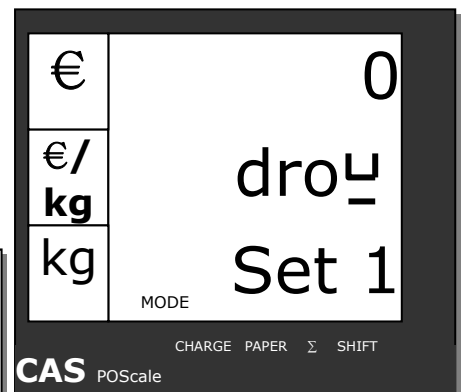
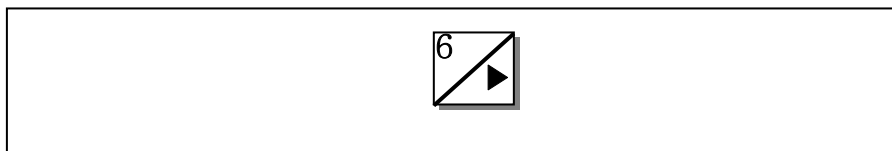
- Same method as "b. barcode format setting for a single transaction".



d. Setting pulse length to open cash drawer

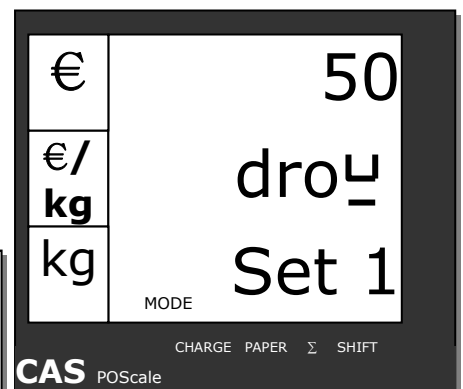
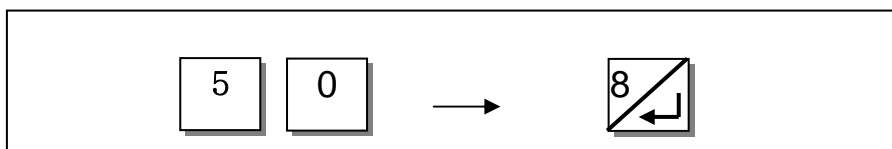
- CAS Poscale may be used with cash drawer (6 voltage) at user needs.
- Default for pulse length of cash drawer is 50 m/s (50/100 second). However, user can select any of 1~99 ms, which is best fit for user's own cash drawer.

① Pulse length setting mode.



② Press appropriate numeric key to set pulse length of 1~99

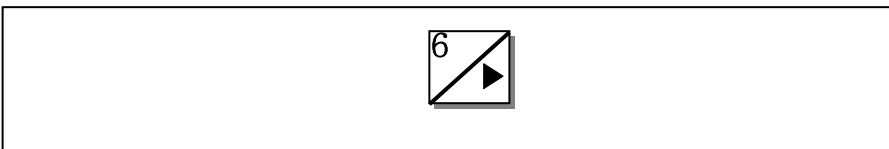
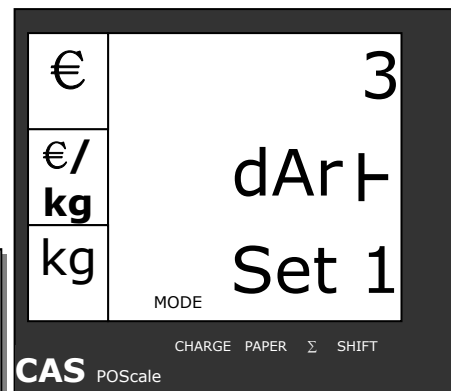
(ms) and to save it. For example, set 50 ms.




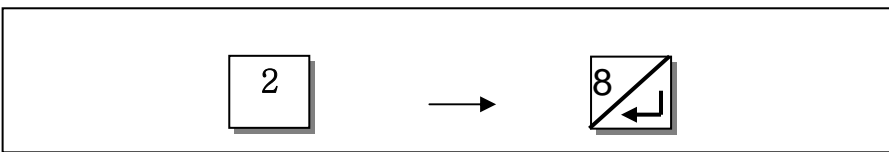
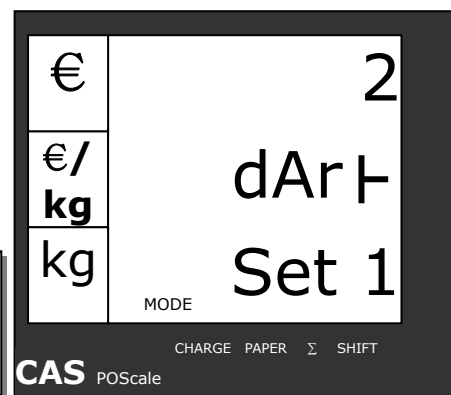


e. Printing darkness setting

① Printing darkness setting mode. User may set the darkness 1~5 and the default setting is 3.

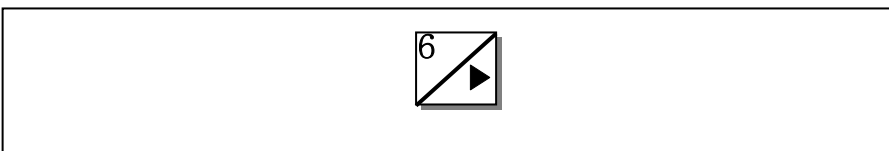
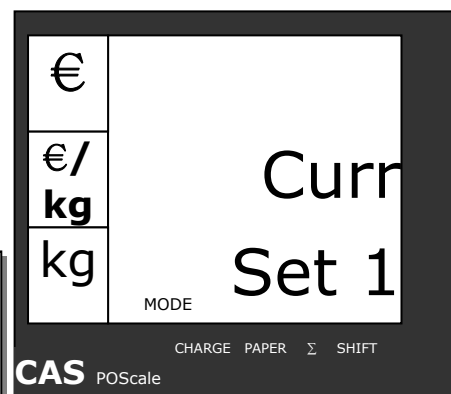


② Press appropriate numeric key to set printing darkness of 1~5 and  to save it. For example, set 2.

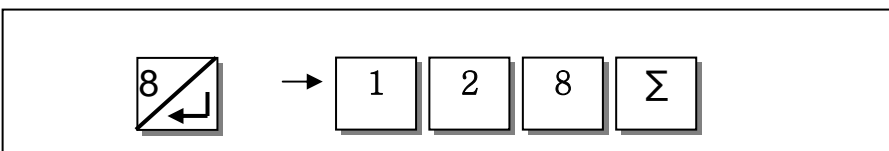
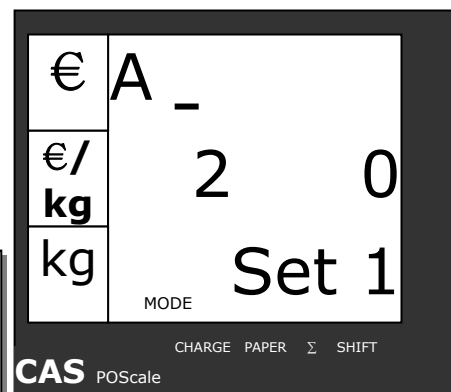


f. Currency symbol or name


① Currency symbol or name setting mode. User can input appropriate characters for currency, using code. Maximum number of character is 3. Let's try to input "€" for Euro.

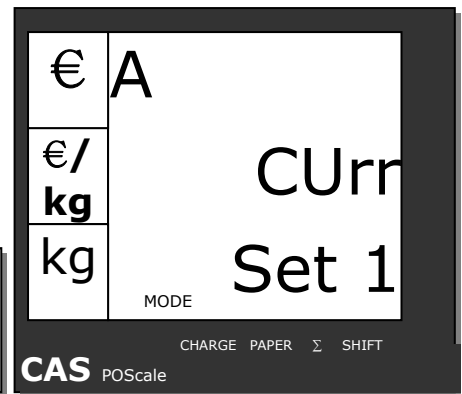


② Input "128" for € symbol.



③ Press  to save it.





Chapter 10.

SET 2

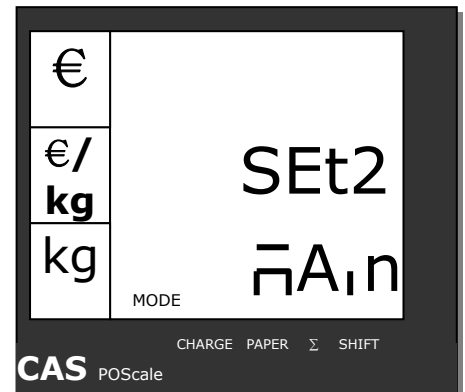
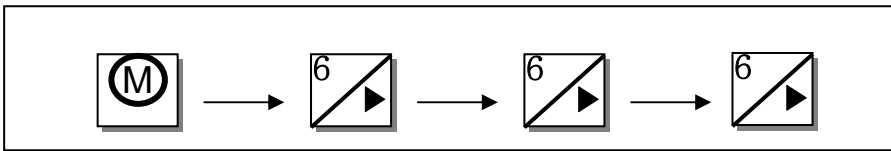
(Date, Time & Default setting)


Chapter 10. SET 2 (Date, Time & Default setting)

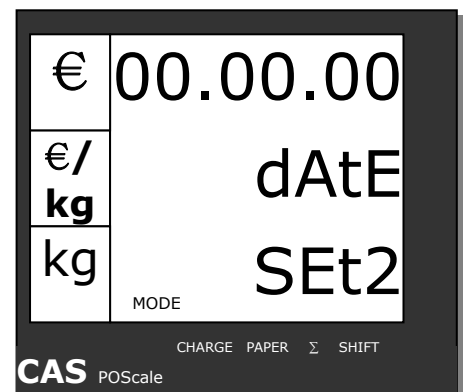
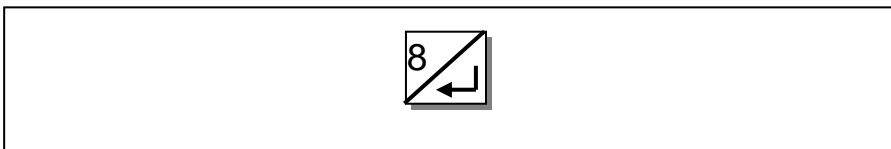
This chapter explains how to set date and time, erase all of PLU data. In addition to these functions it also shows how to do one-touch default setting.


a. Date & time

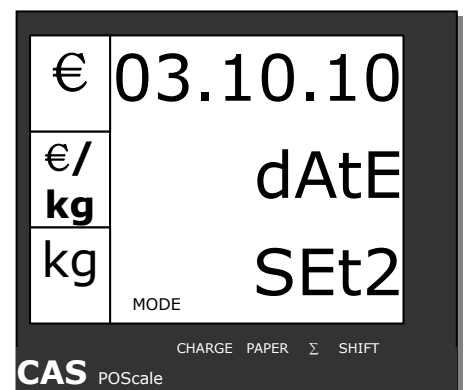
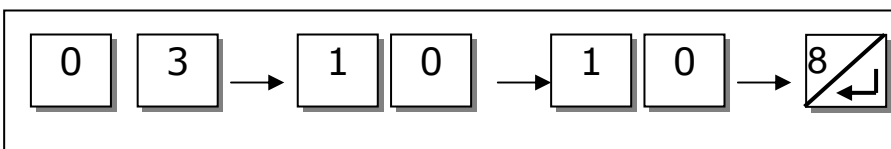
① Press  and  to go to **SET 2 mode**.




② Press  to go to **date setting mode**.

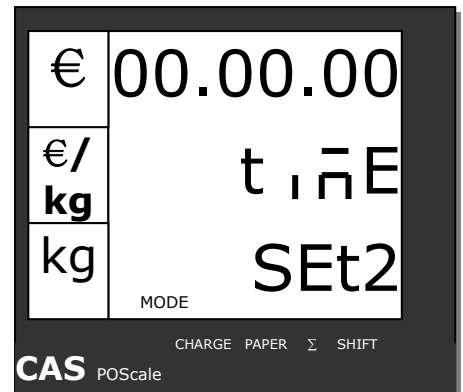
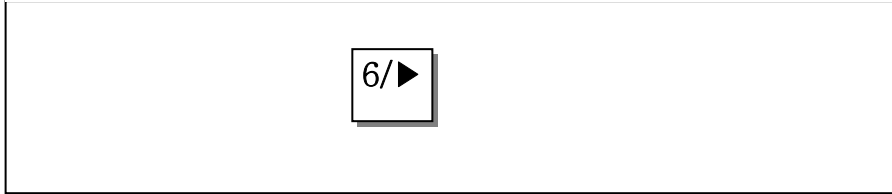



③ Press any numerical keys you wish to input. For example, let's input "2003/10/10" as date, and press  to save date.

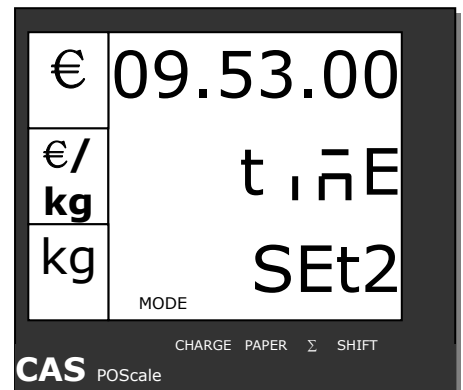
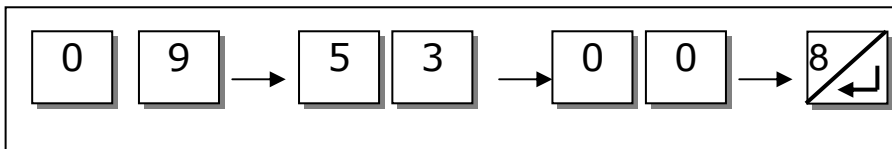









④ Press  to go to *Time Setting mode*.

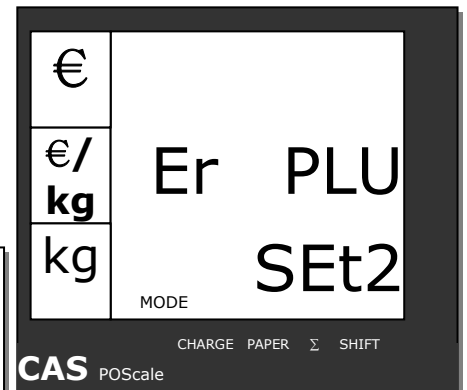
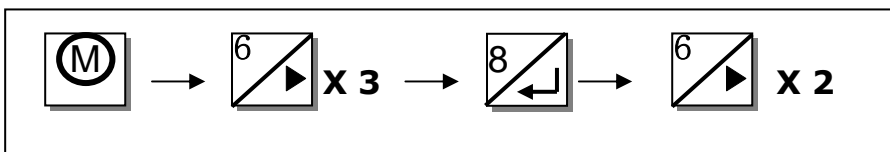



⑤ Press any numeric keys you wish to input. For example, let's input "09:53:00" as time, and press  to save time.

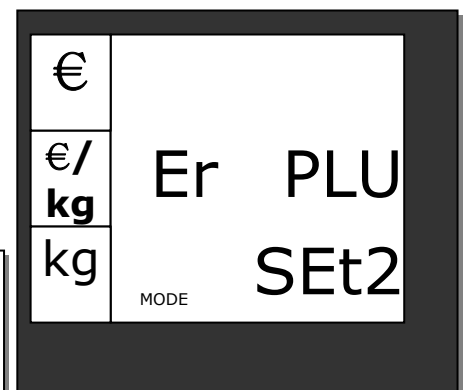
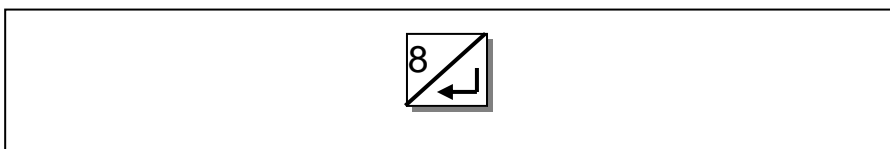


b. One touch PLU data Erasing & default setting




① Using  and  go to *SET 2 mode*. Then, press 
  to get *PLU Erasing mode*.

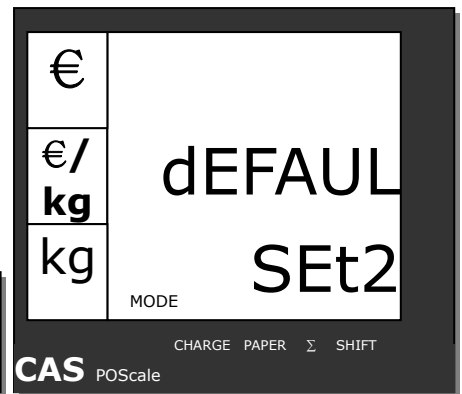
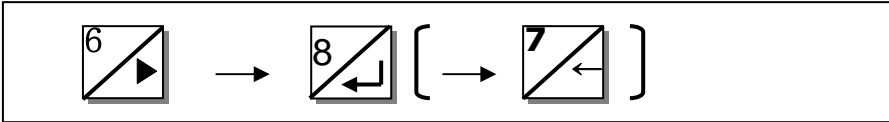


② Press  to erase all of PLUs data if you wish to.





③ Press  to go to **default setting mode**. Then, press  to set default if you wish to (user may exit to normal weighing mode using ).





Chapter 11.



OPTION

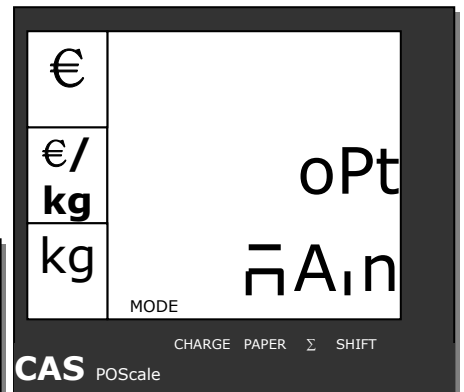
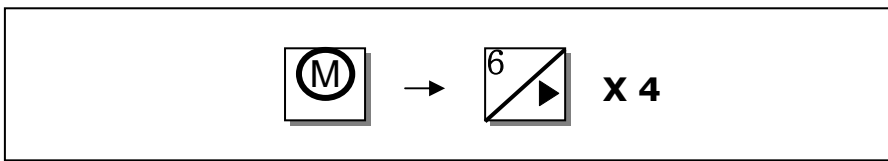
Chapter 11. OPTIONS (Receipt Formatting)


This chapter explains how to enable/disable printing function, duplicate receipt, printing barcode for a single transaction or total. It also explains how to enable/disable printing graphic logo on receipt, code of PLU and all of reports in the closing report. Furthermore, this chapter guides you to set obligatory payment function and discount function.

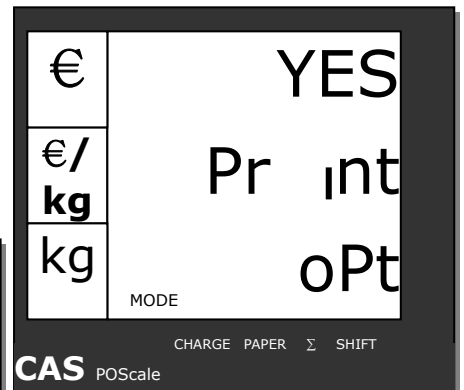
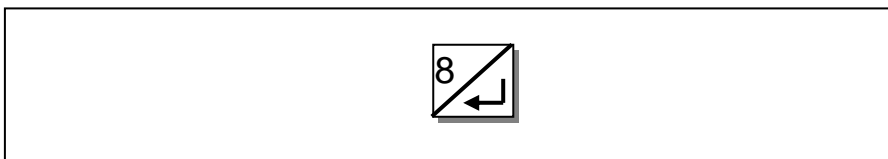
The option setting is *receipt-formatting functions* except obligatory payment and discount functions.

a. Printing ticket (receipt)





- ① Using  key and  to get into *option setting mode* from main menu.

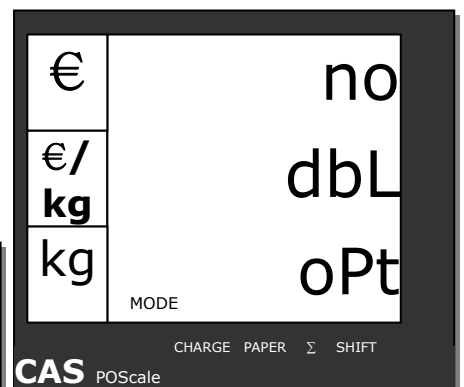
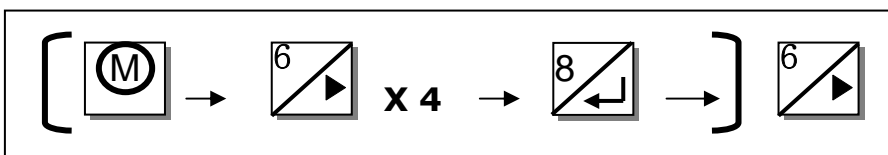




- ② Press  to get into *printing option mode*, the first step of *option setting mode*. User may select YES or no by pressing "1" or "0" respectively.

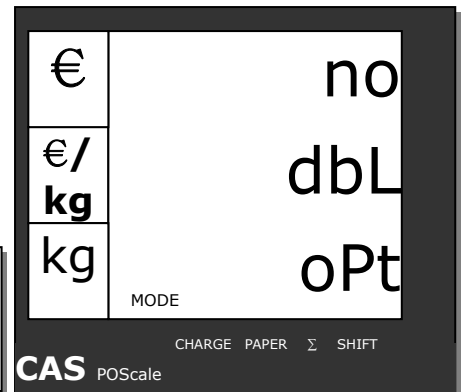
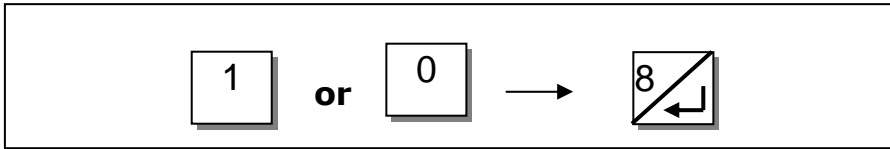


b. Duplicate receipt




- ③ Using  key and  go to *option setting mode* from main menu. And then press   to get into *duplicate ticket printing setting mode*.

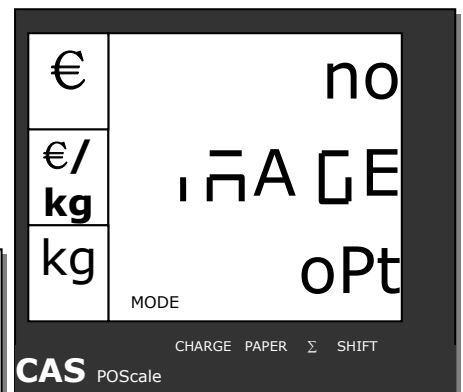
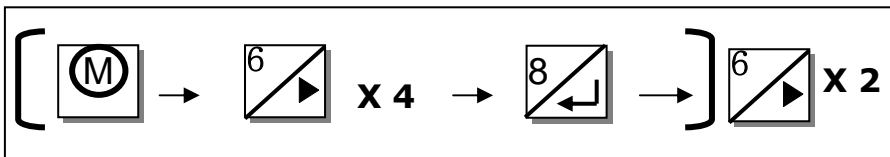




④ User may select YES or no by pressing "1" or "0" respectively, and press  to save it. Use "C" key to change "1" or "0" input before saving by pressing .

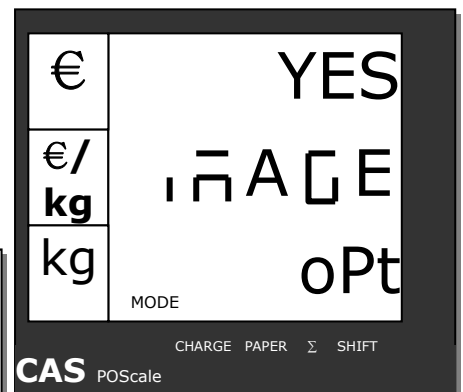
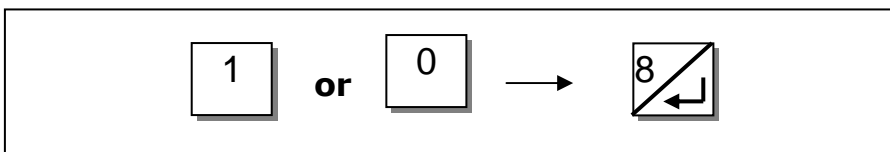


c. Image (graphic logo)




⑤ (Using -M- key and  go to *option setting mode* from main menu. And then press )  to get into *image setting mode*.

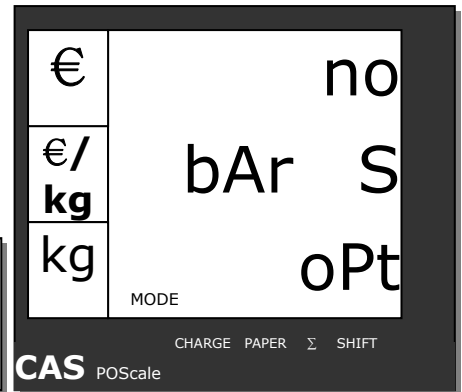
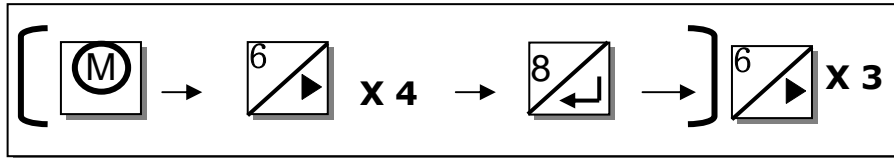




⑥ User may select YES or no by pressing "1" or "0" respectively, and press  to save it. Use "C" key to change "1" or "0" input before saving by pressing .

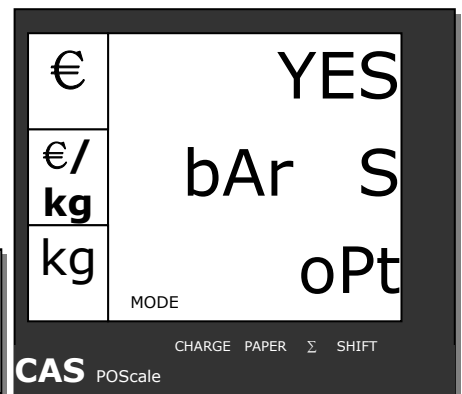
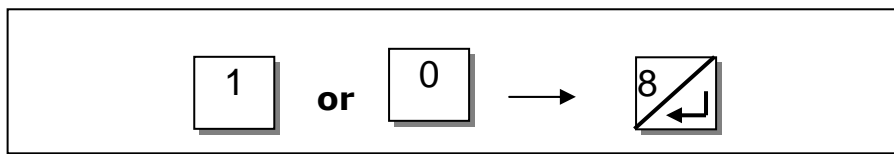


d. Printing barcode for a single of transaction




⑦ (Using -M- key and  go to **option setting mode** from main menu. And then press ,  to get into **barcode printing for a single of transaction setting mode**.

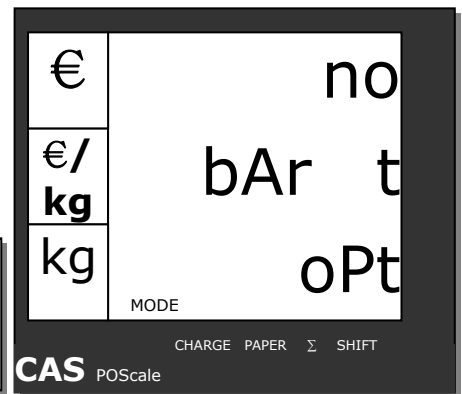
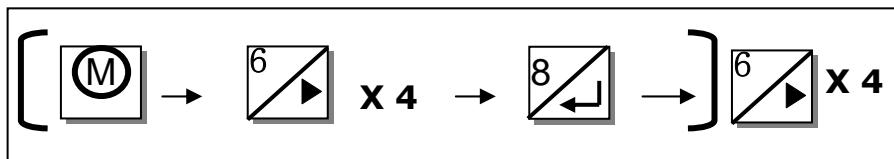




⑧ User may select YES or no by pressing "1" or "0" respectively, and press  to save it. Use "C" key to change "1" or "0" input before saving by pressing .

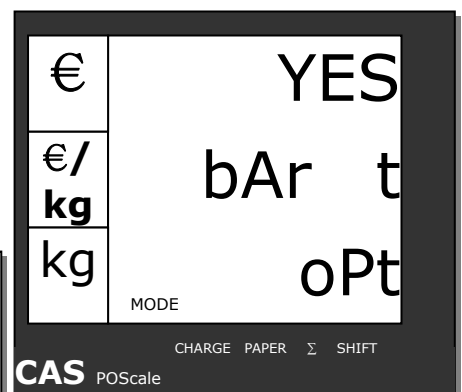
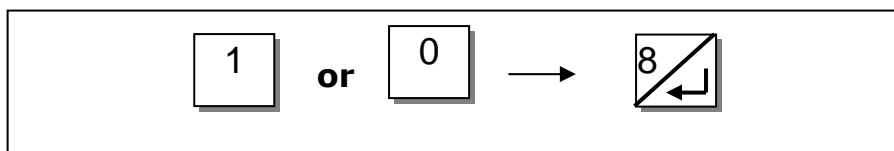


e. Printing barcode for total transaction

⑨ (Using -M- key and  go to **option setting mode** from main menu. And then press ,  to get into **barcode printing for total transaction setting mode**.



⑩ User may select YES or no by pressing "1" or "0" respectively, and press  to save it. Use "C" key to change "1" or "0" input before saving by pressing .



Barcode Printing Sample Receipts

Both of Single & Total Barcode

CAS		
CLERK 1	JOHN KIM	€
Kg	€/Kg	
FREE PRICE		
2.456kg	1.99	4.89



1 024562 001991

FREE PRICE		
2.456kg	2.99	7.34



1 024561 002999

TOTAL € 12.23

CASH	12.23
TAX GROUP TAX TTL	12.23
NO TAXABLE	12.23
NUMBER OF SALES	2
21/11/2003 17:40:34	000087



1 049127 012236

Single Barcode Only

CAS		
CLERK 1	JOHN KIM	€
Kg	€/Kg	
FREE PRICE		
2.458kg	1.99	4.89



1 024582 001995

FREE PRICE		
2.458kg	2.99	7.35



1 024581 002993

FREE PRICE NOWEIGHT		
1x	3.99	3.99



1 000010 003991

TOTAL € 16.23

CASH	16.23
TAX GROUP TAX TTL	16.23
NO TAXABLE	16.23
NUMBER OF SALES	3
21/11/2003 17:39:37	000086

Total Barcode Only

CAS		
CLERK 1	JOHN KIM	€
Kg	€/Kg	
FREE PRICE		
2.458kg	1.99	4.89
FREE PRICE		
2.456kg	2.99	7.34

TOTAL € 12.23

CASH	12.23
TAX GROUP TAX TTL	12.23
NO TAXABLE	12.23
NUMBER OF SALES	2
21/11/2003 17:42:52	000088



1 049147 012230





NO Barcode Printing

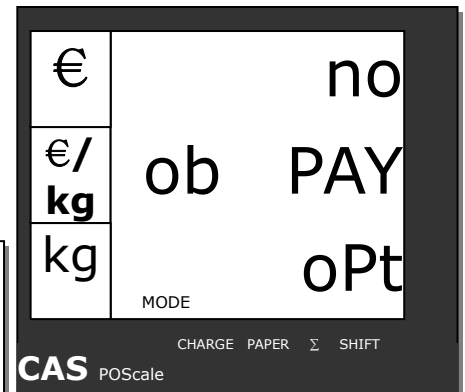
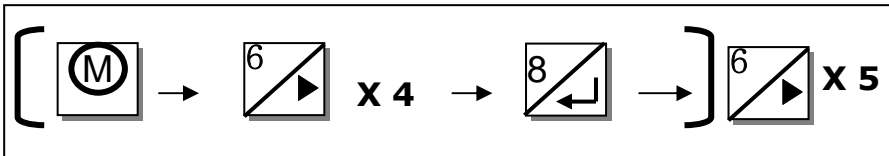
CAS		
CLERK 1	JOHN KIM	€
Kg	€/Kg	
FREE PRICE		
2.458kg	1.99	4.89
FREE PRICE		
2.458kg	2.99	7.35
FREE PRICE		
2.458kg	3.99	9.81


TOTAL € 22.05

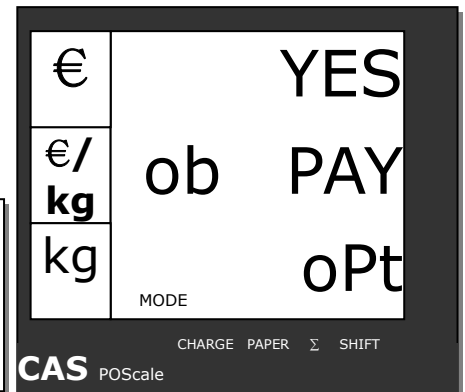
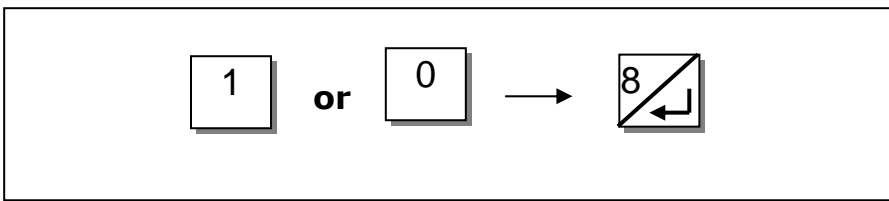
CASH	22.05
TAX GROUP TAX TTL	22.05
NO TAXABLE	22.05
NUMBER OF SALES	3
21/11/2003 17:43:39	000089

f. Obligatory payment





- ⑪ (Using  key and  go to *option setting mode* from main menu. And then press )  to get into *Obligatory payment option mode*.

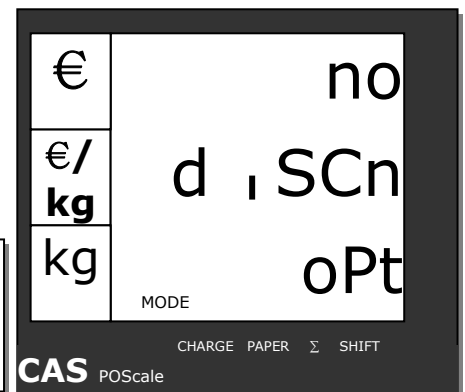
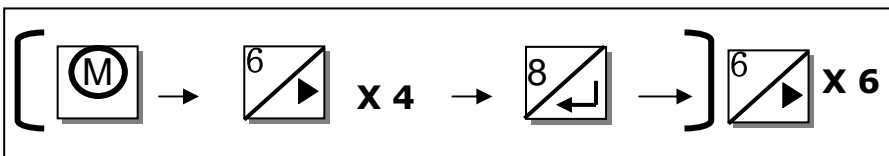



- ⑫ User may select YES or no by pressing "1" or "0" respectively, and press  to save it.

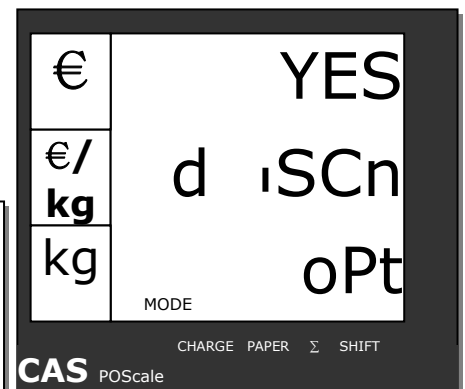
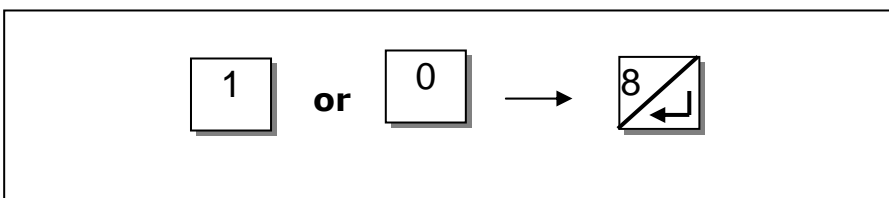


g. Discount





- ⑬ (Using  key and  go to *option setting mode* from main menu. And then press )  to get into *discount option mode*.

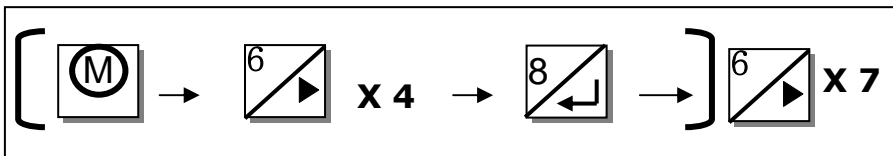



- ⑭ User may select YES or no by pressing "1" or "0" respectively, and press  to save it.

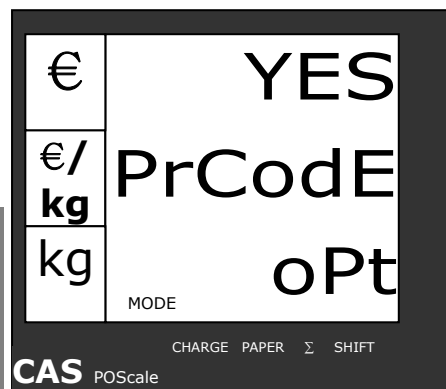
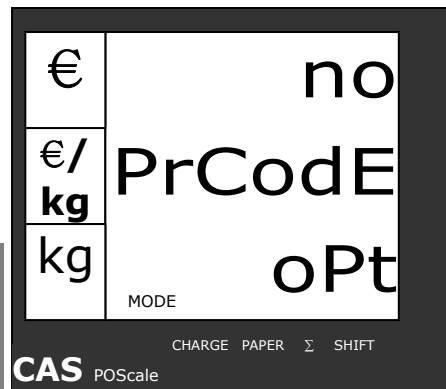
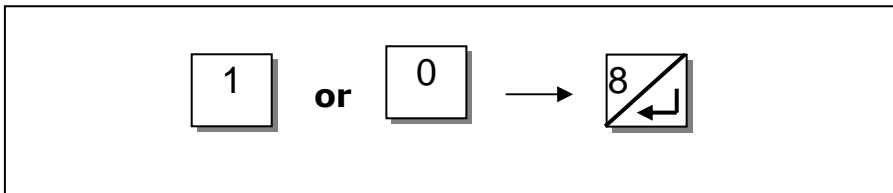


g. PLU code printing

⑮ (Using  key and  go to **option setting mode** from main menu. And then press ,  to get into **PLU code printing mode**.







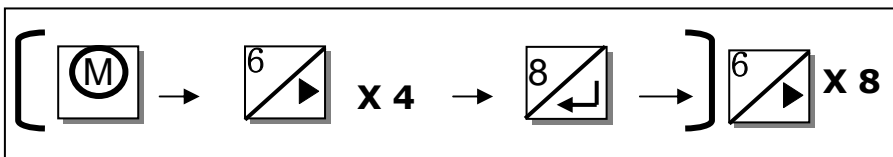
16. User may select YES or no by pressing "1" or "0" respectively, and press  to save it.




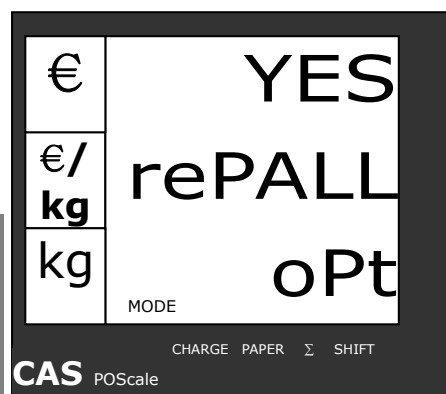
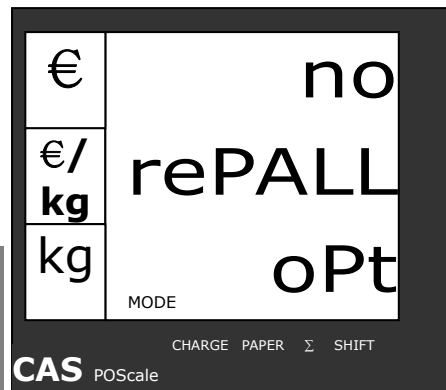
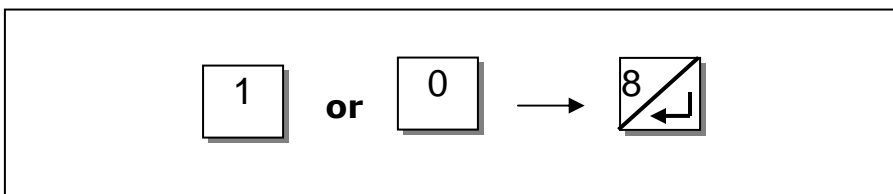
i. Printing all reports

- This is to select "YES" for all kind of reports printed or "No" for only closing without other reports when executing "close".

17. (Using  key and  go to **option setting mode** from main menu. And then press ,  to get into **all report printing mode**.



18. User may select YES or no by pressing "1" or "0" respectively, and press  to save it.



Chapter 12.

CLERK

Chapter 12. CLERK



This chapter explains what kind of clerk modes there are and how different they are. In addition to this, it shows how to input name of clerk 1~4.

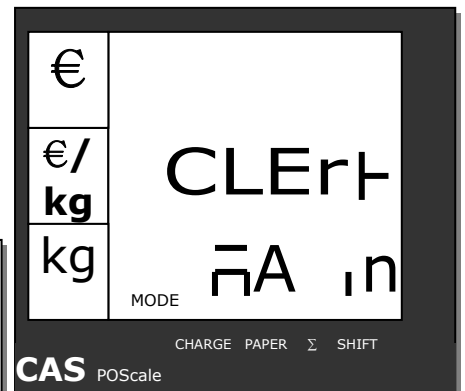
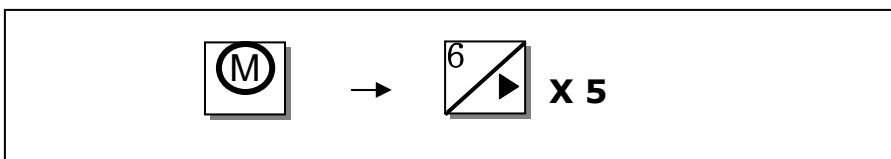
a. Clerk mode

There are three different type of clerk modes.


Table 3: Clerk Mode

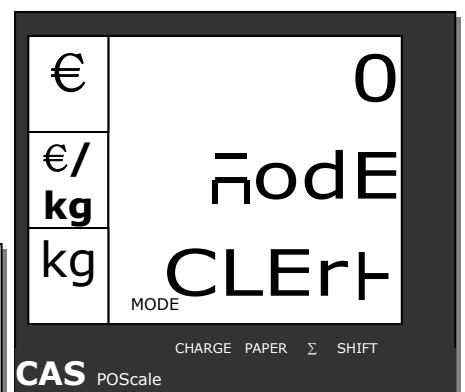
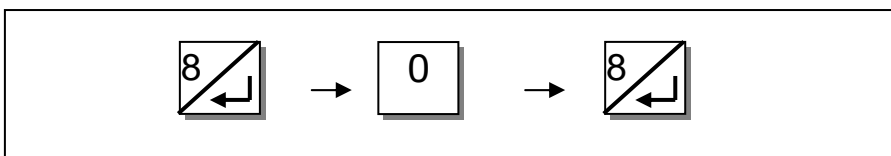
Modes	Description	Receipt Printing
0	<i>All clerks</i> can use the scale for a series of sales activity.	It prints ticket (receipt) including each item and total information.
1	<i>Only one clerk</i> can use the scale for a series of sales activity. However, other clerk can use the scale for other series of sales activities in this mode.	It prints only part of ticket (receipt), which a transaction is made, and prints total amount after a series of transactions are completed.
2 (Supermarket mode)	<i>Only one transaction per clerk</i> at a moment.	It prints ticket (receipt) only for one transaction per clerk.

① Using  key and  go to *clerk setting mode* from main menu.





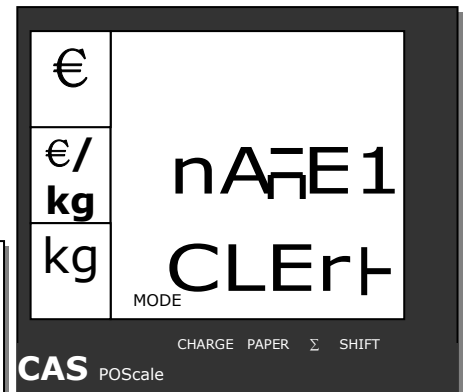
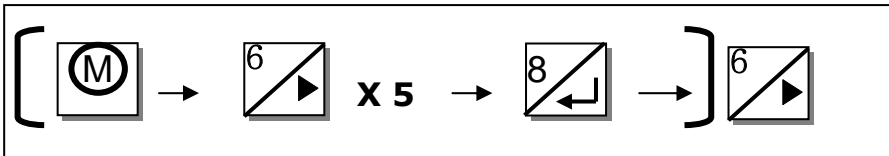
② User may select one of three clerk modes, "0", "1", or "2" by inputting appropriate numeric key. For example, "0" here.


Then, save it by pressing .

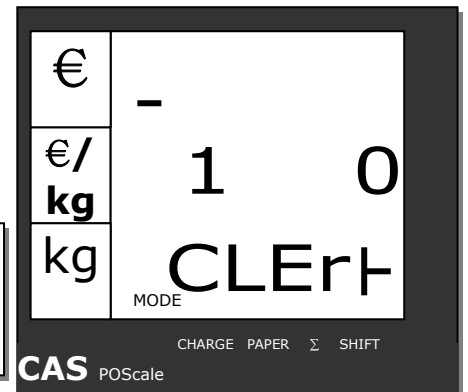
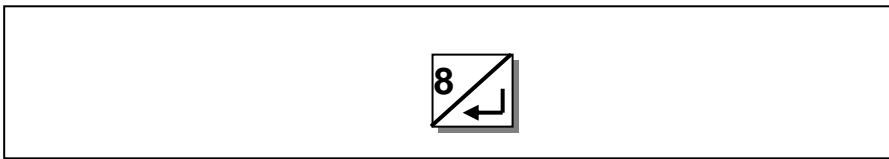


b. Clerk name input: 1~4

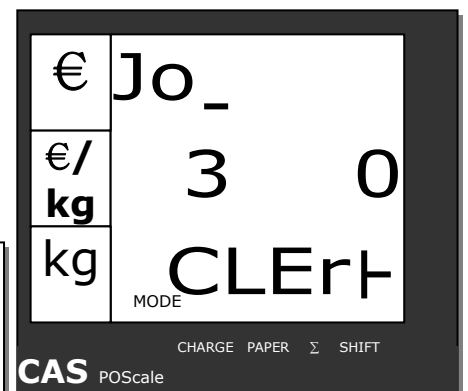
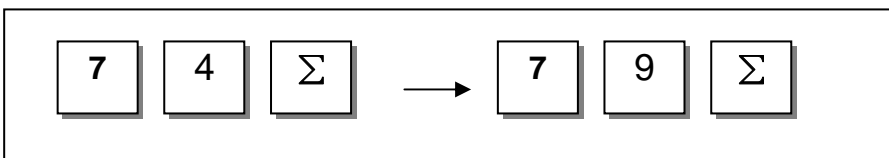
- ① Using -M- key and ,  go to *clerk name setting mode* from main menu.



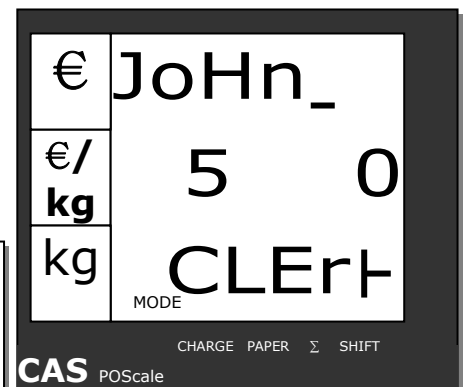
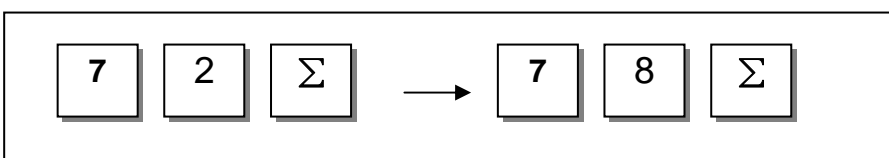
- ② Press  to get into *clerk name 1 setting mode*. User may input up to 16 characters in accordance to "code table" on page 97. For example, let's input "John Kim" as clerk name 1.



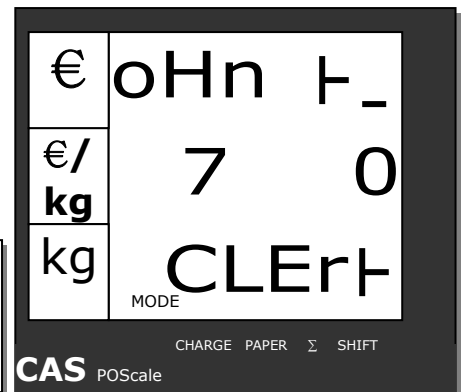
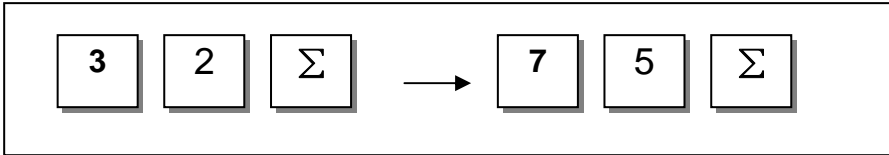
- ③ Input clerk' name using appropriate numeric keys in accordance to "code table" on page 97.



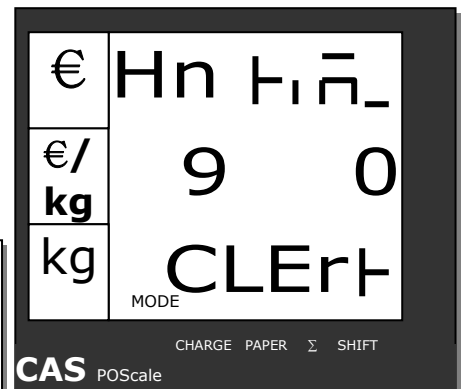
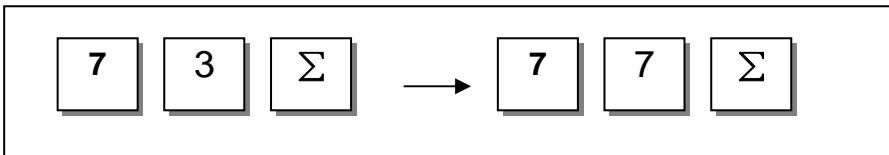
- ④ Input clerk' name using appropriate numeric keys in accordance to "code table" on page 97.




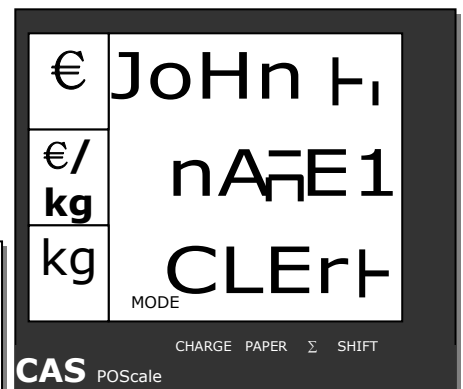
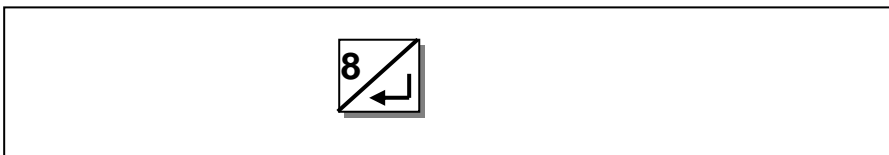
⑤ Input clerk' name using appropriate numeric keys in accordance to "code table" on page 97.




⑥ Input clerk' name using appropriate numeric keys in accordance to "code table" on page 97.

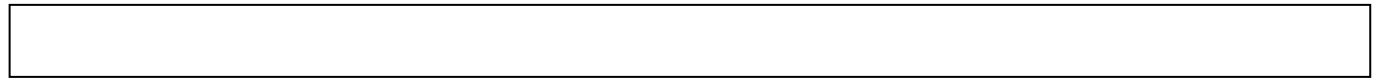


⑦ After finishing clerk name input save it by pressing .



* Whenever user wants to go back to main menu use .

* User may input other clerk names as above process and up to name 4.






Chapter 13.

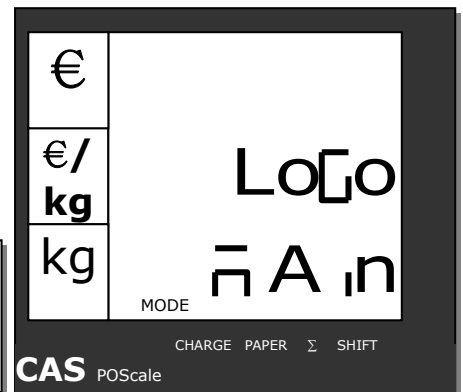
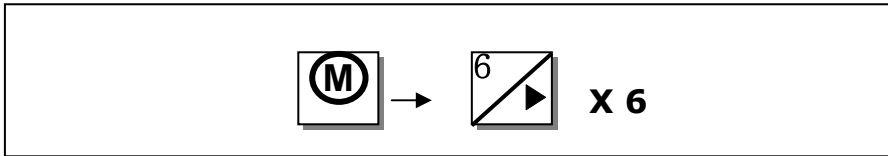
LOGO


Chapter 13. LOGO

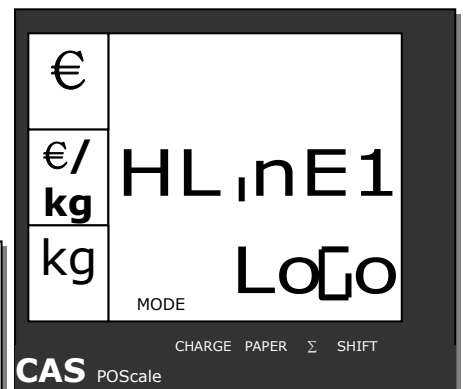
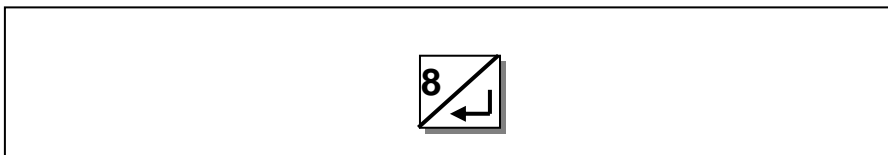
This chapter explains how to input header and footer on the ticket (receipt). Users may input up to **6 header** and **2 footer lines**, which each line may have **up to 32 characters**, using "code table" on 97 page.


a. Header & footer setting

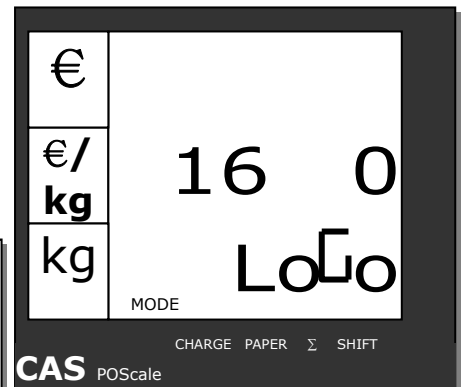
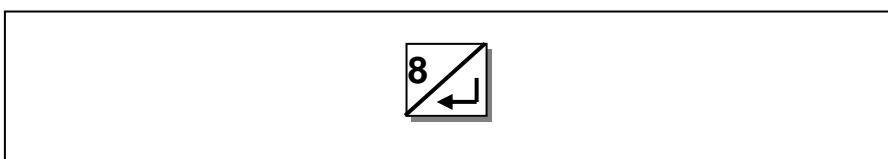
- ① Using  key and ,  go to *Logo setting mode* from main menu.



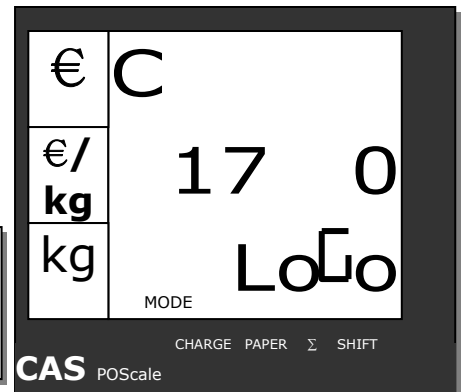
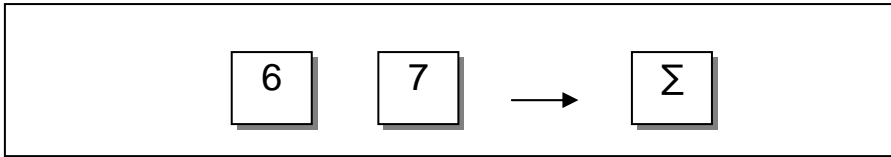
- ② Press  to get into Headline 1 setting mode.



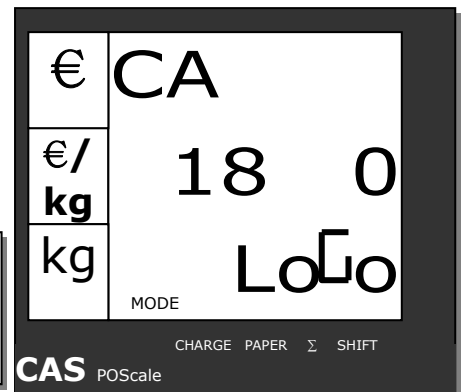
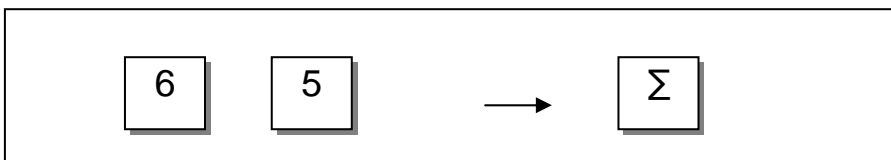
- ③ Press  and input appropriate numeric keys to input codes in the headline 1 (refer to page 97). For example, let's input "CAS" at 16th space in the first headline.



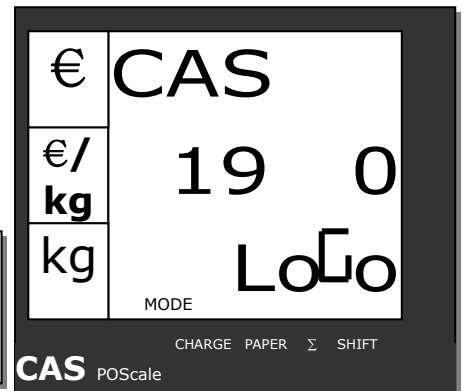
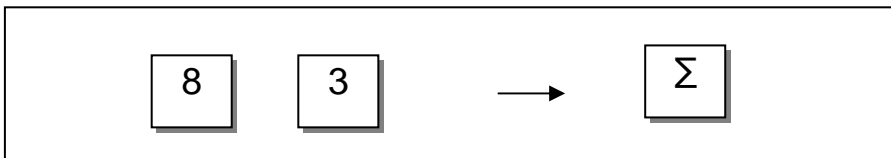
④ Press appropriate numeric keys.






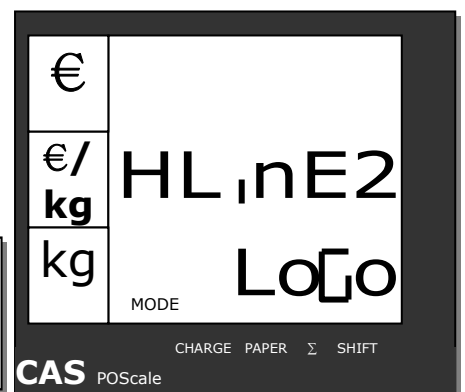
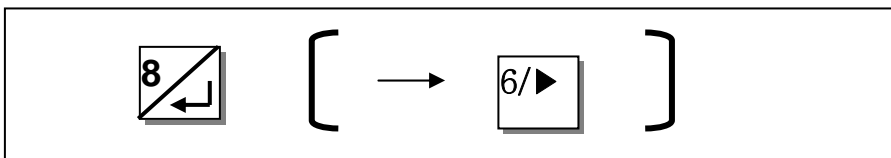
⑤ Press appropriate numeric keys.



⑥ Press appropriate numeric keys.



⑦ Press  to save the first headline. And user may press  to go to input next headline (*storable up to 6 header & 2 footer lines*), and exit using .






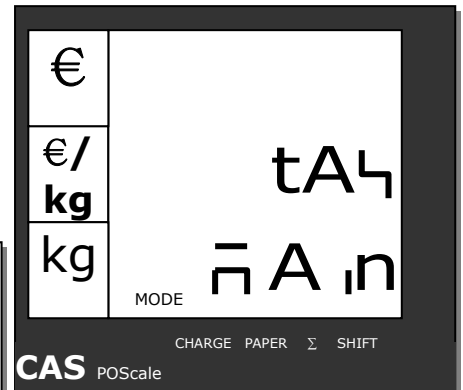
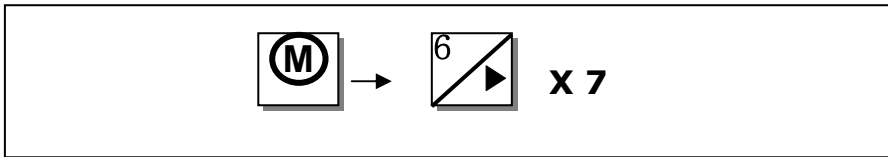
Chapter 14.


TAX RATE GROUP

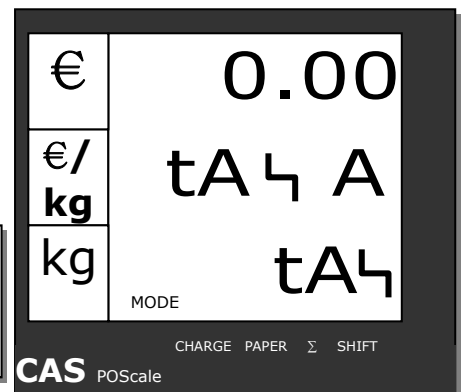
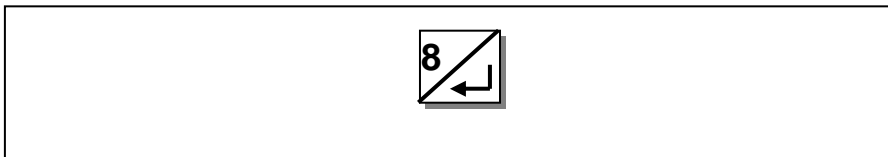
Chapter 14. TAX RATE GROUP




This chapter explains how to set tax rate group. User may set up to **8 different tax rate groups: A, B, C, D, E, F, G, H**, and then store a specific tax group when he/she input PLU data or whenever he/she needs to use.

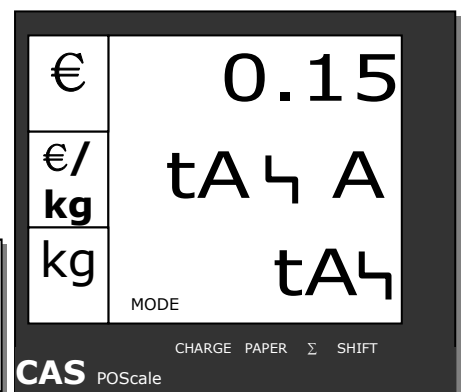
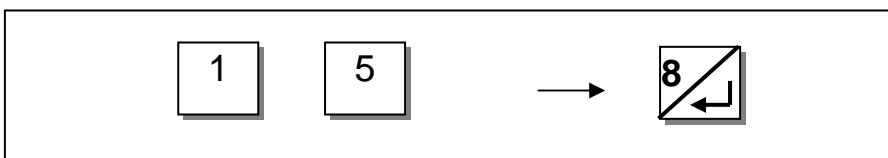
- ① Using  key and ,  go to **tax rate group setting mode** from main menu.





- ② Press  to get into **tax rate group A setting mode**.

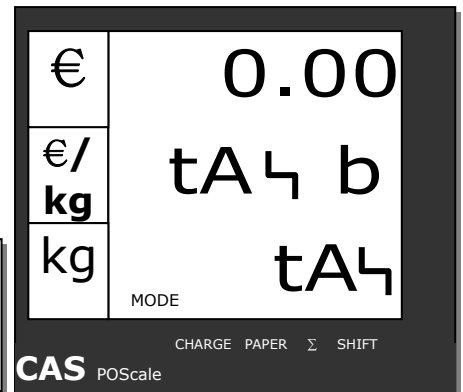
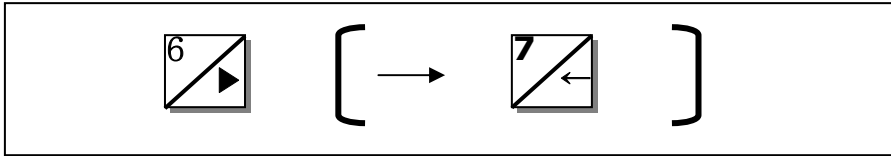


- ③ Press appropriate numeric keys (0.00~99.99%) to input tax rate for group A. For example, press   input "0.15%" for tax rate group A, and  to save it.





④ User may press  to go to input next tax rate group, B.
Press  if users want to exit.






Chapter 15.

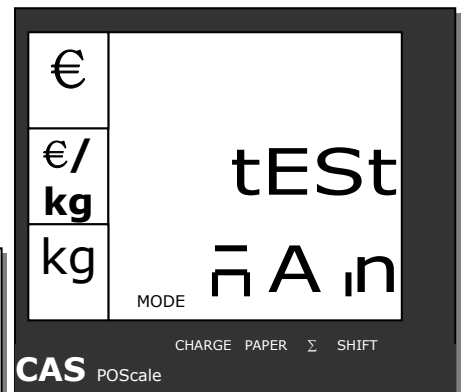
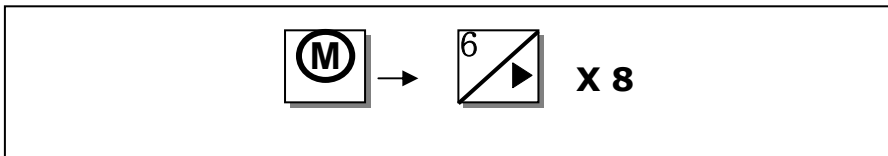
TEST



Chapter 15. TEST

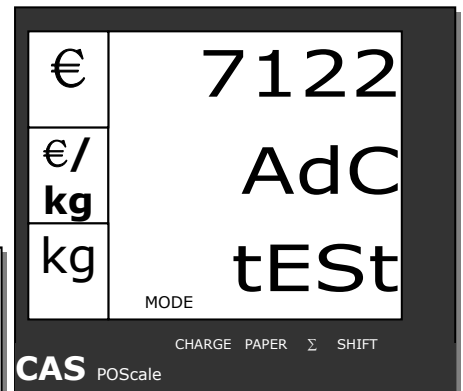
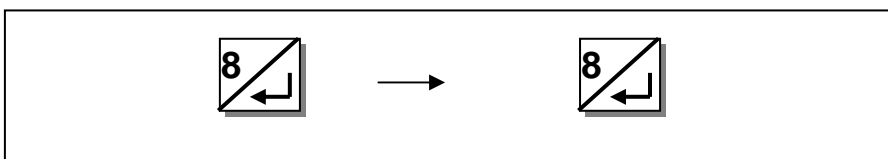
This chapter explains how to test hardware in the following aspects.




- ADC (Analog Digital Converter): the digital value converted from analog value.
- SPAN
- Display: self-test for a while
- Keyboard
- RAM
- Printer: printing out by itself
- Battery Voltage: tested only in *plugged-out condition*, showing voltage value.

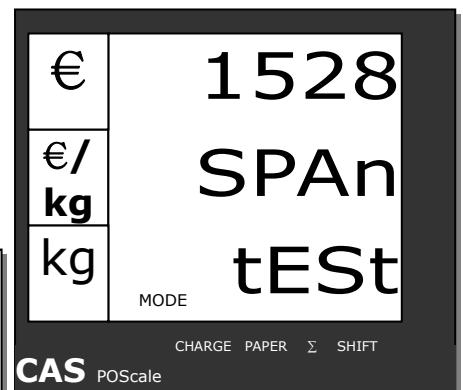
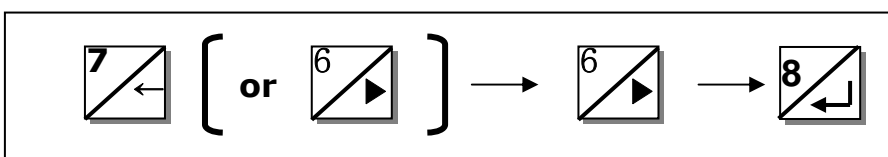
① Using  key and ,  go to *test setting mode* from main menu.







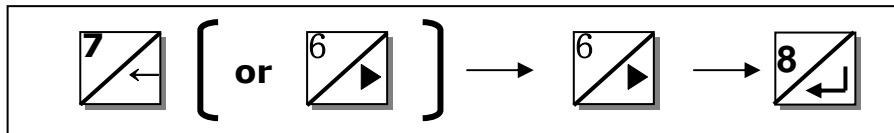
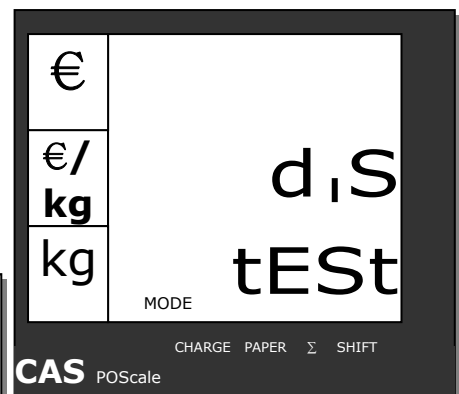
② Press  to get into *ADC test mode*. Then press  again to show current ADC value.







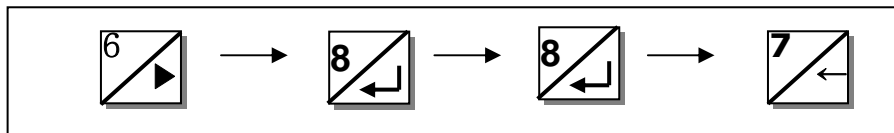
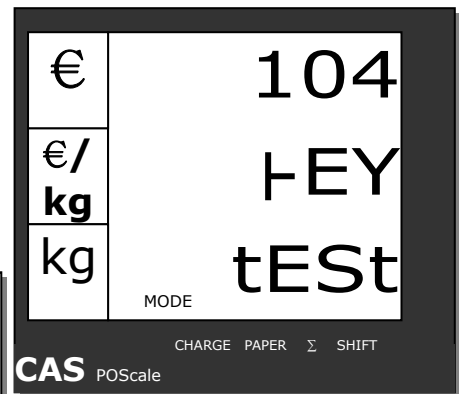
③ After making sure the ADC value press  (or ) to get back to *ADC test mode*. Then press  again to go to next test mode, *SPAN test mode*.





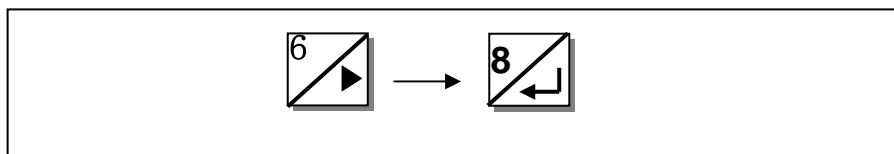
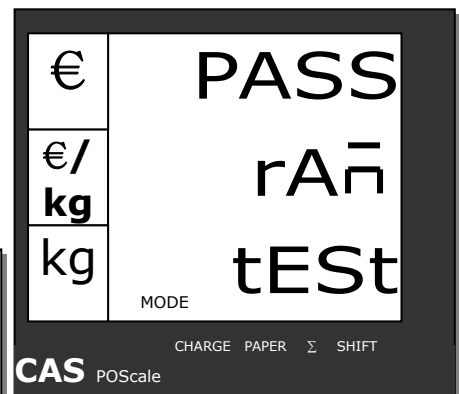
④ After making sure the SPAN value press  (or ) to get back to **SPAN test mode** and press  again to go to next **Display test mode**. Then test display automatically by pressing .





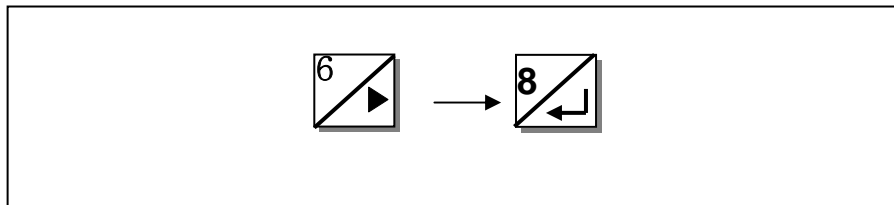
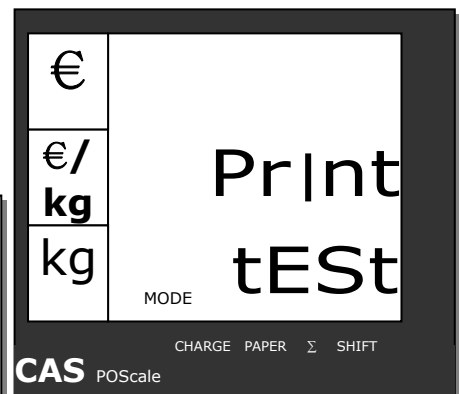
⑤ Press  go to next **Keyboard test mode**. In this mode user may press any key and a specific number (ex. 104 ) comes up on total price display (first line of display) except  because  is used for exit out of current mode.



⑥ Press  to go to **RAM test mode**. Then press  to test it and display will show either "PASS" or "Error" in a few second. Please refer to "Table 9: Error Message" on page 98 when "Error" comes up.





⑦ Press  to go to **Printer self-test mode**. Then, press  to test the printer and it will show current voltage on the display.



Sample Test Report

```

model: POSCAL E V2.00
-----
05/11/2011          16:01:23
-----
          CHAR GENERATOR
!"#$%&'()*+,-./0123456789:;<=>?
@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_
`abcdefghijklmnopqrstuvwxyz{|}~
€ ,f...t#%$<(0+*#&'""-~5)@ 5
iÇ£#¥!$%&'«-@±²³´µ¶· ¸¹º»¼½¿
ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞ
àáâãäåæçèéêëìíîïðóôõö÷øùúûüýþÿ
-----
Power Fail Time:      41ms
Head Temp.:          25
RS Baud Rate:        57600bps
Net Number:          0
Auto OFF time:       0min
Discount:            00%
Drawer Open Time:    5ms
Clerk Mode:          All Clerks
Print:               YES
Print Duplicate:     NO
Print Graphical Logo: YES
Print Single Bar:    YES
Print Total Bar:     YES
Obligatory Pay:      NO
Discount Enable:     YES
Print PLU's code:    YES
Single Bar:          WGVU5
Total Bar:           WGVPS
  
```

⑧ Press  to go to **Battery voltage mode**. Then, press  to see current voltage. Please keep in mind that the scale must be **plugged-out** to show current voltage.

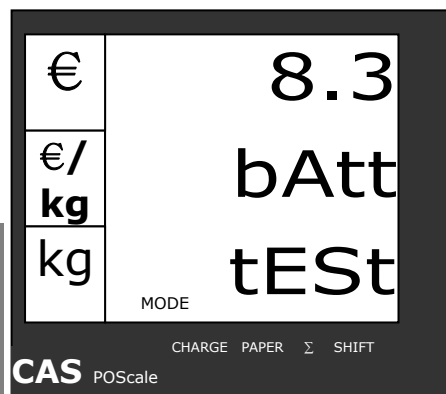
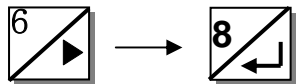


Table 8: Code (MS 1252 Windows Latin-1)

*** User must input decimal value of codepoint!!**

33	!	55	7	77	M	99	c	121	y	143	♥	165	¥	187	»	209	Ñ	231	ç	253	ý
34	"	56	8	78	N	100	d	122	z	144	♠	166	¡	188	‡	210	Ò	232	è	254	þ
35	#	57	9	79	O	101	e	123	{	145	‘	167	§	189	¼	211	Ó	233	é	255	ÿ
36	\$	58	:	80	P	102	f	124	|	146	’	168	¨	190	½	212	Ô	234	ê		
37	%	59	;	81	Q	103	g	125	}	147	“	169	©	191	¾	213	Õ	235	ë		
38	&	60	<	82	R	104	h	126	~	148	”	170	ª	192	À	214	Ö	236	ì		
39	'	61	=	83	S	105	i	127		149	•	171	«	193	Á	215	×	237	í		
40	(	62	>	84	T	106	j	128	€	150	-	172	¬	194	Â	216	Ø	238	î		
41	)	63	?	85	U	107	k	129		151	-	173	-	195	Ã	217	Ù	239	ï		
42	*	64	@	86	V	108	l	130	,	152	~	174	®	196	Ä	218	Ú	240	ð		
43	+	65	A	87	W	109	m	131	f	153	™	175	™	197	Å	219	Û	241	ñ		
44	,	66	B	88	X	110	n	132	„	154	š	176	°	198	Æ	220	Ü	242	ò		
45	-	67	C	89	Y	111	o	133	…	155	›	177	±	199	Ç	221	Ý	243	ó		
46	.	68	D	90	Z	112	p	134	†	156	€	178	²	200	È	222	Þ	244	ô		
47	/	69	E	91	[	113	q	135	‡	157		179	³	201	É	223	ß	245	õ		
48	0	70	F	92	\	114	r	136	ˆ	158		180	´	202	Ê	224	à	246	ö		
49	1	71	G	93	]	115	s	137	‰	159	ÿ	181	µ	203	Ë	225	á	247	÷		
50	2	72	H	94	^	116	t	138	Š	160		182	¶	204	Ì	226	â	248	ø		
51	3	73	I	95	_	117	u	139	◀	161	ı	183	·	205	Í	227	ã	249	ù		
52	4	74	J	96	`	118	v	140	Œ	162	¢	184	¸	206	Î	228	ä	250	ú		
53	5	75	K	87	a	119	w	141	◆	163	£	185	˘	207	Ï	229	å	251	û		
54	6	76	L	98	b	120	x	142	♣	164	¤	186	º	208	Ð	230	æ	252	ü		

Table 9: Error Message

Error Message on Display	Description	Solution
TOO HOT	Printer is overheated.	Please take time to cool off the printer.
BATTERY LOW ERROR	Battery voltage is too low.	Please plug in and recharge battery
PAPER	Problem with ticket paper roll	Please check with paper
-----	Overloaded	Please remove the item from the platter and put on appropriately weighed item(s) on the platter.
OVER	When total price exceeds 9999.99 this message is displayed with beep	Please input appropriate number within maximum capacity on the display.
CAL ERROR	When turning on the scale this message may be displayed with continuous beep and it is automatically turned off.	Please call your CAS dealer.
INIT ERROR		Please remove the item from the platter. and put on appropriately weighed item(s) on the platter.
Error Message on Receipt	Description	Solution
CLOCK IS NOT SET	This error may happen in case of low backup battery or some hardware error!	Please call your CAS dealer if the error still exists after replacing the backup battery!
ERROR ~~~~~ POSSIBLE RAM DATA ARE CORRUPTED! RESETTING ALL RAM DATA... PLEASE RESTART THE SCALE	This message is printed when the control sums of RAM is not correct. In such case the processor clears the RAM automatically. And all of sums, settings and PLU are deleted!	Please call your CAS dealer

What beep sound means.....

- **Short beep**: key is pressed.
- **Middle length beep**: some information event (for example, power on)
- **Long beep**: successive event (for example, adding sale to clerk)
- **Five times fast short beeps**: error! (Wrong key, wrong data input...)

Table 10: SPECIFICATION

Model		POScale		
CAPACITY		6kg	15kg	30kg
Division, e=		2g	5g	10g
Minimum weight ※		40g	100g	200g
DISPLAY		LCD, 6/6/5 (Total price / Unit Price / Weight)		
EMBEDED PRINTER INFO.		<ul style="list-style-type: none"> ■ Thermal printer ■ 32 Characters per line ■ Printing Speed- 50mm/sec ■ Recommended size for thermal paper; <ul style="list-style-type: none"> • 58mm (Width) / 65μm(Thickness) / 60mm (Maximum Diameter) 		
PRINTER RELIABILITY	HEAD PULSE-RESISTANCE	100,000,000 pulses or more		
	HEAD WEAR-RESISTANCE	50 km or more		
PLU MEMORY CAPACITY		8 Direct PLUs, 1,799 Indirect PLUs		
POWER		AC 230V, 50 ~ 60Hz		
OPERATING TEMPERATURE		-10`C ~+40`C		
EXTERNAL UTILITIES		PC, Cash Drawer (12 voltage)		
POWER CONSUMPTION		Maximum 35W		
BATTERY LIFE		<ul style="list-style-type: none"> ■ Rechargeable Battery (inside): 7.4V 2Ah(Li-ion) ■ Battery life (continuous usage) <ul style="list-style-type: none"> • Weighing Mode only: 73mA, 28 hrs • With backlight: 170mA, 12 hrs • With printer: 1300mA, 1.5 hrs 		
PRODUCT SIZE (mm)		375(W) X 397(D) X 128(H)		
PRODUCT WEIGHT		6.8Kg		

※ **Minimum weight to make a sale transaction**

► Notice: specifications are subject to change for improvement without notice.



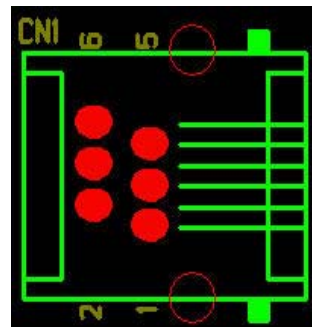
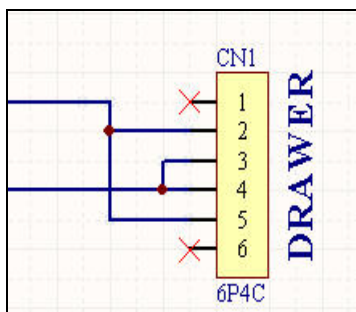
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Cash Drawer Interface Drawing

- POScale may interface only with 12V of cash drawer.



RS232C Interface Drawing

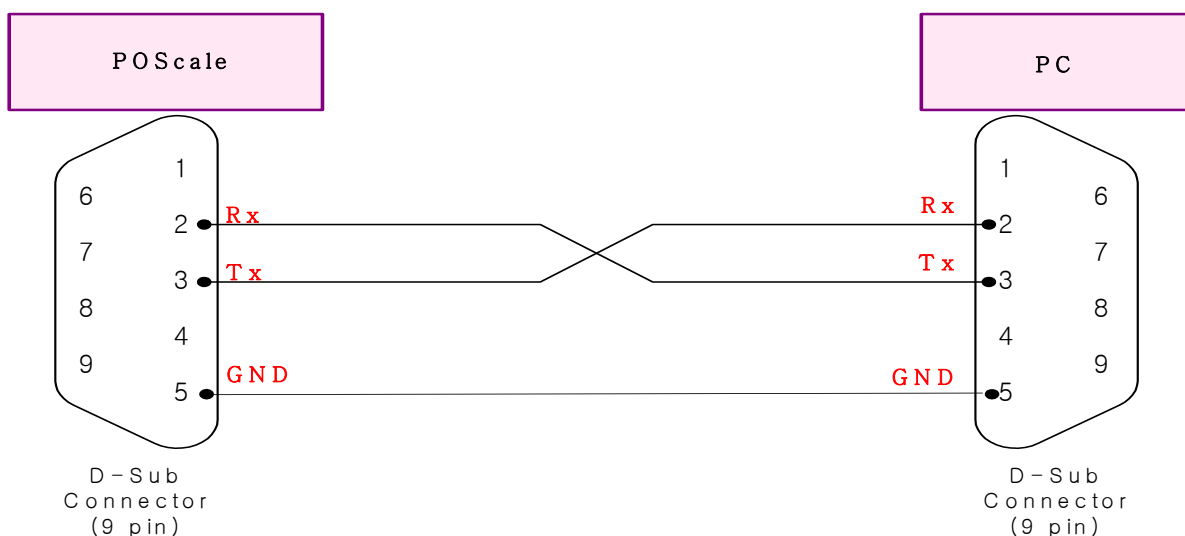


Table 11: PROGRAM MENU MAP

Mode	Sub-Mode	Menu	On Display	Page
Mode	PLU (CHAPTER 7)	Price	PriCE	53
		Code	CodE	53
		Department	dEP	54
		Name	nAME	54
		Tax rate group A~H	tAX	55
		Weighed or non-weighted?	no W	55
		Fixed or non-fixed unit price?	FiX Pr	55
		Barcode printing?	Pr bAr	55
	Report (CHAPTER 8)	PLU data list	LiSt	57
		PLU report	PLU	58
		Clerk report	CLERK	60
		Department report	dEP	61
		Tax report	TAX	61
		Hourly sales report	HoUr	61
		Closing report	CloSE	62
	SET 1 (CHAPTER 9)	BAUD rate	bAUd	64
		Auto power-off	AUtoo	64
		Discount percentage ("Pr-" on display)	Pr-	64
		Barcode format for a single transaction	bAr S	65
		Barcode format for subtotal	bAr t	69
		Pulse length of opening cash drawer	droY	69
		(Printing) Darkness (default setting: 3)	dArK	70
		Currency symbol or name	CUrr	70
	SET 2 (CHAPTER 10)	Date	dAtE	73
		Time	tiME	74
		One touch PLU data Erasing	Er PLU	74
		Default setting	dEFAUL	75

Continued on next page



Mode	Options (CHAPTER 11)	Printing?	Print	77
		Duplicate receipt?	dbL	77
		Image (Graphic Logo)	iMAGE	78
		Printing barcode for a single transaction on receipt?	bAr S	79
		Printing barcode for total on receipt?	bAr t	79
		Obligatory payment?	ob PAY	81
		Discount?	diSCn	81
		Printing PLU code?	Pr CodE	82
		Printing all reports?	rEPALL	82
Mode	Clerk (CHAPTER 12)	Clerk Mode 0, 1, 2?	ModE	84
		Name 1	nAME 1	85
		Name 2	nAME 2	85
		Name 3	nAME 3	85
		Name 4	nAME 4	85
	Logo (CHAPTER 13)	Header line 1	HLinE 1	88
		Header line 2	HLinE 2	88
		Header line 3	HLinE 3	88
		Header line 4	HLinE 4	88
		Header line 5	HLinE 5	88
		Header line 6	HLinE 6	88
		Footer line 1	FlinE 1	88
		Footer line 2	FlinE 2	88
	Tax Rate Group (CHAPTER 14)	Group A	tAX A	91
		Group B	tAX b	91
		Group C	tAX C	91
		Group D	tAX d	91
		Group E	tAX E	91
		Group F	tAX F	91
		Group G	tAX G	91
		Group H	tAX H	91
	TEST (CHAPTER 15)	ADC	AdC	94
		SAPN	SPAn	94
		Display	diS	95
		Keyboard	KEY	95
		RAM	rAM	95
		Printer	Print	95
		Battery voltage	bAtt	96

MEMO

MEMO