

Panasonic[®]



Digital Colour Imaging Systems Operating Instructions (For Function Parameters)

Model No. DP-C262/C322


Copying


Printing

Email 

Scanning


Facsimile

Internet Fax 

WORKIO[™]

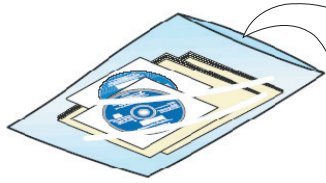
Before operating this machine, please read this manual completely and keep this manual for future reference.

(Illustration shows optional accessories that may not be installed on your machine.)

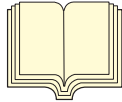
English

Operating Instructions

The following Operating Instruction manuals are included with this machine. Please refer to the appropriate manual and keep all manuals for future reference. If you lose the manual, contact the authorized Panasonic dealer.

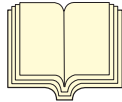


Accessories



Operating Instructions (For Setting Up)

This manual contains essential information for setting up the machine.



Operating Instructions (For Basic Operations)

This manual contains essential information for proper operation of the machine. It describes basic Copy, Print, Facsimile/Internet Fax, Scan/Email, and other functions. For a more detailed explanation of each function, please refer to the Operating Instruction manuals included on two CD-ROM as illustrated below.



Operating Instructions CD

Contains manuals with detailed information for Copy, Facsimile/Internet Fax, Scan/Email Functions and Function Parameters.



Document Management System CD

Contains the PDMS Application Software, and manuals with detailed information for the Print function, and PDMS Application software.

Operating Instructions CD



Copy Function

Describes how to make a Colour Copy with creative features.



Facsimile and Internet Fax Function

(When the optional G3 Fax Board/Internet Fax Module is installed.) Describes how to send/receive a Facsimile/Internet Fax, or describes the course of action to take when a trouble message appears, etc



Scan and Email Function

(When the optional Network Scanner/Email Module is installed.) Describes how to scan, send an Email.

Function Parameters

Describes how to change the default settings of each function using the Control Panel of the machine.

Document Management System CD



Print Function

Describes how to print with colour, change default printer settings, or describes the course of action to take when a problem message appears, etc.

Application Software



Describes how to use the application software.

Ex: Web Device Monitor, Panafax Desktop, Document Manager/Viewer, Client Device Monitor, Network Config/Add Editor, Network Setup Tool, Embedded Web Launcher

Conventions

Icons

The following icons are used in this manual.

Icon	Description
	Indicated important information that must be read in detail.
	Indicates reference Information.

Notation

The following notations are used in this manual.

Notation	Description
For Keys and Buttons	Hard buttons on the Control Panel are depicted as **** key, soft buttons on the Touch Panel display are shown as “ xxx ”. Ex: Press the Start key and select “ More Menus ”.

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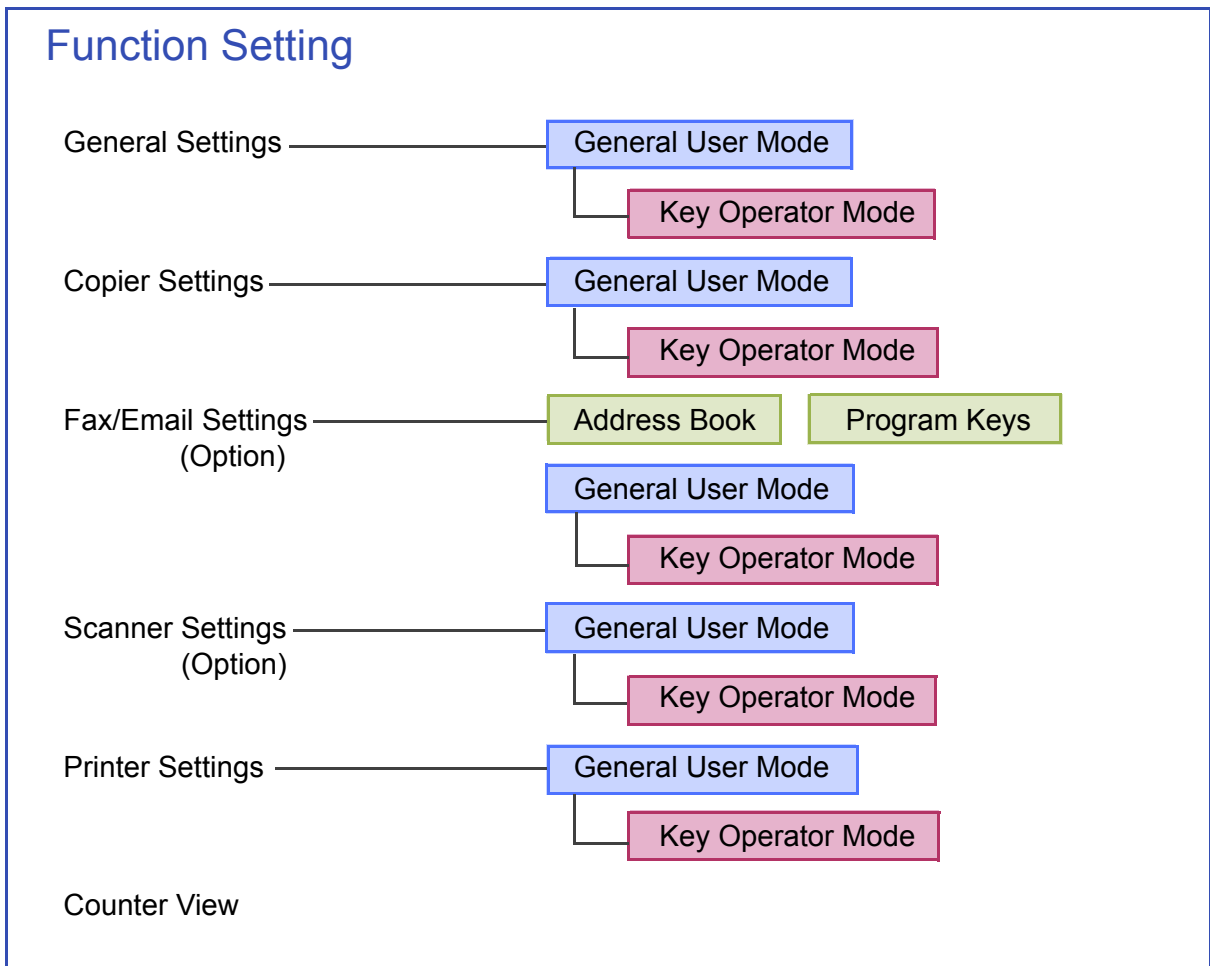
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Function Setup Outline

Use the function setting mode to change the Standard Settings of the machine. This section contains the menu and basic function setup operations.

Function Setup Menu Configuration

- The function setup operations are divided into General User Mode and Key Operator Mode. For Fax/Email Settings, the Address Book and Program Dial menus are also provided.
- The Key Operator Password is required before any changes can be made in the Key Operator Mode. For security, the Key Operator is advised to setup and manage the 4-digit identification code. To set the identification code, consult with the authorized Panasonic dealer. (Initial identification code : 0000)



Key Operator Mode Requires the Key Operator identification code (4-digit).

Using the Keyboard

■ Enter Letters in Uppercase / Lowercase

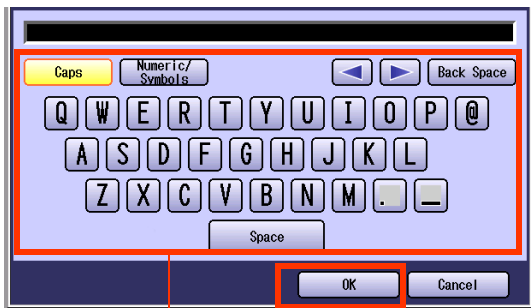
1 Select **"Caps"** to shift the characters between uppercase / lowercase.

Ex: When setting **"15 LDAP Server Name"** in Fax/Email Settings (see pages 30, 46 and 47).






- In the Standard Setting, lowercase is selected.

2 Enter the characters, and then select **"OK"**.



①

②

	To input a space between characters.
	To move the cursor to the left or right side.
	To erase the character before the cursor.

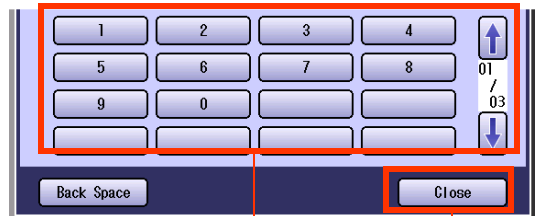
■ Enter Numeric Characters and Symbols

1 Select **"Numeric/Symbols"** to shift the characters between numbers / symbols.

Ex: When setting **"15 LDAP Server Name"** in Fax/Email Settings (see pages 30, 46 and 47)





2 Enter the numbers or symbols, and then select **"Close"**.



①

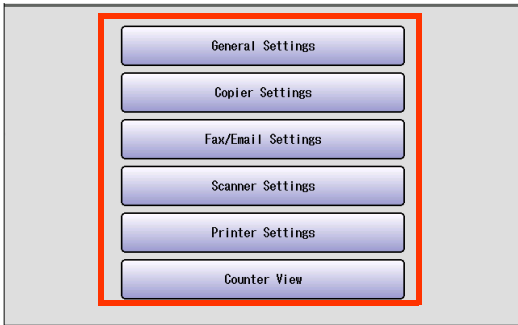
②

	To shift the entry screen between numbers / symbols.
	

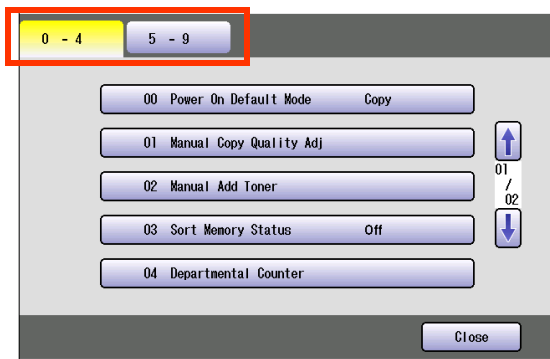
Basic Operations for Function Setup

The following procedure is an example of setting up the function(s). To set the desired function, refer to the list of Function Parameters described later.

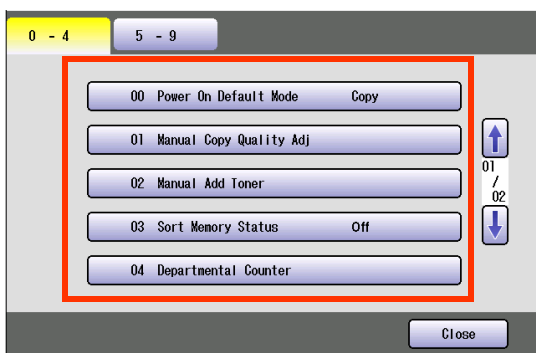
- 1 Press the **Function** key.
- 2 Select the desired setting.





- 3 Select the desired tab.



- 4 Select an item.

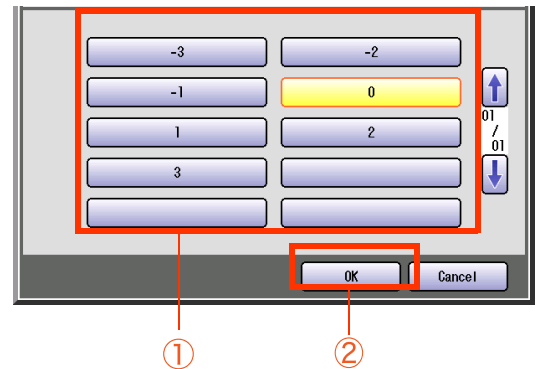


- If a single tab has six or more items, a block number is displayed as "01/02".
- Select  or  to scroll items up or down on the screen.
- When setting the Key Operator Mode, enter the identification code (4-digit), and then select "OK".

- 5 Change the settings by the following operations.

- Selecting an item

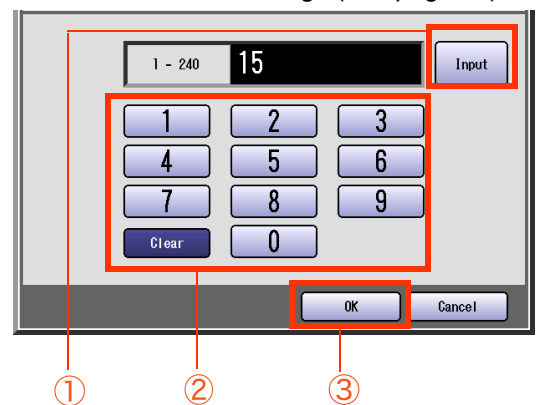
Select a desired item, and then select "OK".
Ex: When setting "01 Density(HOME)" in Fax/Email Settings (see page 32).





- Entering the number

Select "Input" and enter the number, and then select "OK".

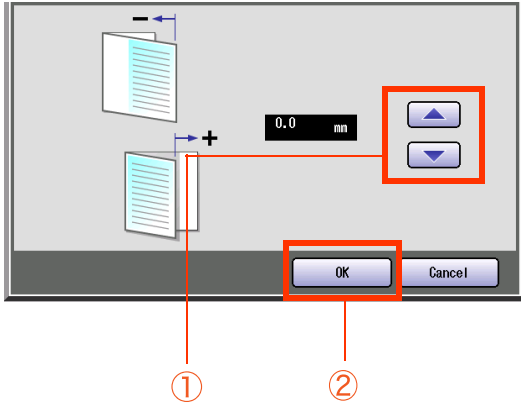
Ex: When setting "14 Power Save Mode Timer" in General Settings (see page 11).



- ❑ Entering a number by using  or 

Select  or , and then select “OK”.

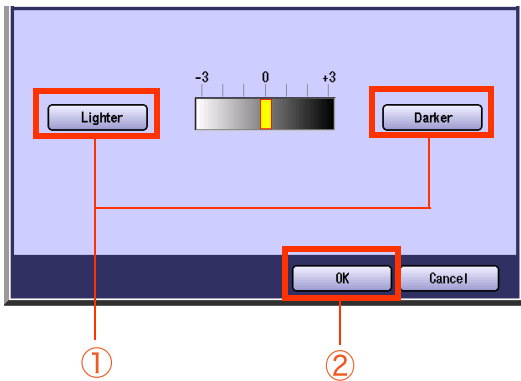
Ex: When setting “40 Fold Position(A3/LDR)” in General Settings (see page 14).



- ❑ Selecting a value by using “Lighter” or “Darker”

Select “Lighter” or “Darker”, and then select “OK”.

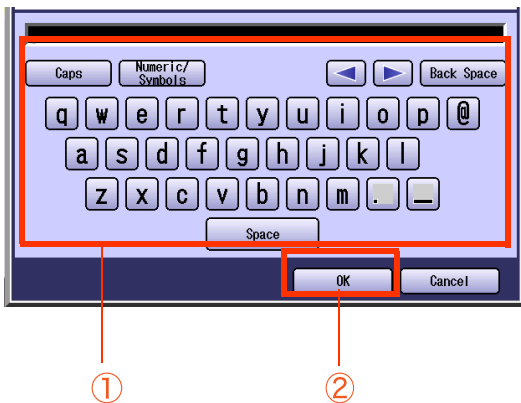
Ex: When setting “04 Text Density” in Copier Settings (see page 22).



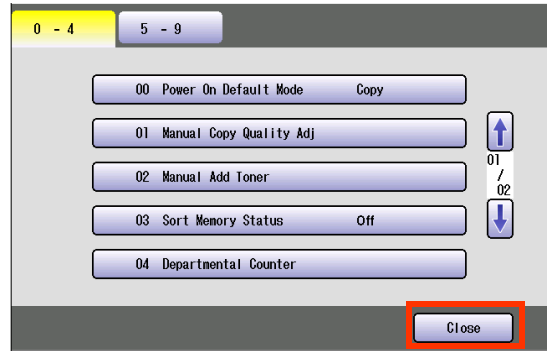
- ❑ Entering characters

Enter characters, and then select “OK”.

Ex: When setting “15 LDAP Server Name” in Fax/Email Settings (see pages 30, 46 and 47)



- 6 Select “Close”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

General Settings

In General User Mode, the following items can be changed.

General User

No.	Parameter	Comments	Selective Item	Standard Setting	
0-4	00	Power On Default Mode	Set the initial function screen when turning on the machine.	Copy, Fax, Print, Scan	Copy
	01	Manual Copy Quality Adj	Set whether to adjust the copy density manually.	Off, On	Off
	02	Manual Add Toner	Set whether to darken the printing manually by using more toner.	Off, On	Off
	03	Sort Memory Status	Set whether to display the percentage (%) of sorting memory used.	Off, On	Off
	04	Departmental Counter	Set whether to display departmental counters, limit counters, and total counters.	● Consult with the authorized Panasonic dealer on how to use this item.	
5-9	05	Manual STR Cleaning	Set whether to clean the transfer roller manually.	Off, On	Off
	09	Key Operator Mode	Enter the key operator identification code to display the Key Operator Mode . (See page 11)	_____	0000

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting	
0-19	00	Print General Settings	Print a list of General Settings.	Stop, Start	Start
	01	Paper Size	<p>Set the paper size and media type for Paper Trays 1-4. Select the Paper Tray and the paper size, and then select "Change Size/Media".</p> <ul style="list-style-type: none"> ● Only A4, B5, 8.5x11 is selectable for Tray 1. ● For changing the preset paper size used in the Paper Tray, consult with the authorized Panasonic dealer. 	<p>"Change Size" A3, B4, A4, A4, B5, B5, A5, 11x17, Legal, 8.5x11, 8.5x11, 5.5x8.5, 8x13, 8.5x13</p>	_____
		Select the paper type.	<p>"Change Type" Plain, Glossy, Recycled</p>		
	02	A4R/A5 Size Selection	Set the smallest paper size that will be fed from the Sheet Bypass.	A4R, A5	A4R
	04	Special Paper Tray 1	Set the paper tray which is not used as the automatic document feeder tray. (Ex:)	None, Tray 1, Tray 2, Tray 3, Tray 4, Bypass	None
	05	Special Paper Tray 2	When you load colour paper in Paper Tray 1, select "Tray 1" not to use the colour paper for automatic paper feed.		None
	06	Special Paper Tray 3	● Up to 4 paper trays can be selected for exclusion from automatic selection.		None
	07	Special Paper Tray 4			None
	09	Auto Paper Out Rotate	Set whether to rotate the image and print when the selected paper tray is empty. (Ex:) Printing on A4R paper when there is no A4-size paper	Off, On	Off
	10	Copy Output Tray	Set an output tray for the copier function. ● Outer is available when the optional Paper Transport Unit is installed.	Inner, Outer	Inner
	11	Printer Output Tray	Set an output tray for the printer function. ● Outer is available when the optional Paper Transport Unit is installed.	Inner, Outer	Inner
	12	Fax/Email Output Tray	Set an output tray for the Fax/Email function. ● Outer is available when the optional Paper Transport Unit is installed.	Inner, Outer	Inner
	13	Auto Reset Time	If you do not select any key within a given time period, the touch panel goes back to the initial screen of the current active function automatically.	None, 30 sec., 1 min., 2 min., 3 min., 4 min.	1 min.
	14	Power Save Mode Timer	If you do not select any key within a given time period, the machine is switched to power save mode automatically.	1 to 240 (min.)	15 (min.)

Key Operator

No.		Parameter	Comments	Selective Item	Standard Setting
0-19	15	Sleep Timer	If you do not select any key within a given time period, the machine is switched to sleep mode automatically.	None, 1 to 240	22
	17	Language Default	Set the display language. If the language is changed, the system automatically returns to the initial function setup screen. ● Standard Setting differs by country.		
	18	Panel Beep Sound	Set the volume of Beep Sound when the panel is selected.	Off, Soft, Loud	Soft
	19	Original Set Beep Sound	Set whether to sound a confirmation tone when the original is placed on the Platen Glass. ● The volume level is the same as for Panel Beep Sound. ● When “ 18 Panel Beep Sound ” is set to “ Off ”, the machine makes no sound.	No, Yes	No
20-39	20	Orig. Set In ADF Sound	Set whether to sound a confirmation tone when the original is placed on the ADF. ● The volume level is the same as for Panel Beep Sound. ● When “ 18 Panel Beep Sound ” is set to “ Off ”, the machine makes no sound.	No, Yes	Yes
	21	Dept. Counter Mode	Set whether to display departmental counters, limit counters, and total counters.	● Consult with the authorized Panasonic dealer on how to use this item.	
	22	Date Time Setting	Set the date and the time.	Month, Day, Year, Time	
	23	Weekly Timer	Set the weekly On/Off timer using the Keypad of the machine. At the selected time, the machine will be changed to/from sleep mode.	Each day of the week.	Off
	24	Daylight Time	Set Daylight Time. ● This setting is only for Germany.	No, Yes	Yes
	25	DHCP Default	Select “ Yes ” when your network environment is based on DHCP Server. * When using this machine as a network shared printer, select “ No ” and set “ 26 TCP/IP Address ”, “ 27 TCP/IP Subnet Mask ”, and “ 28 TCP/IP Default Gateway ”.	No, Yes	Yes
	26	TCP/IP Address	Set the IP address.	3-digit x 4	0. 0. 0. 0

* No. 25 and 26

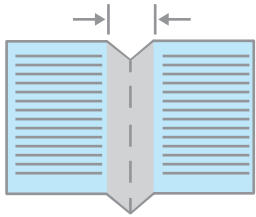
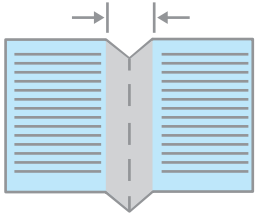
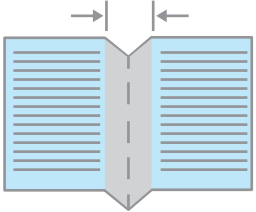
After setting, turn the machine's power switch Off, and then On again.

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting	
20-39	27	TCP/IP Subnet Mask	Set the subnet mask. *	3-digit x 4	0. 0. 0. 0
	28	TCP/IP Default Gateway	Set the default gateway. *	3-digit x 4	0. 0. 0. 0
	29	DNS Server Address	Select "Yes", and set the DNS server address (when using the optional Internet Fax/Email function). *	No, Yes	Yes
	30	MAC Address	Display the MAC address (Ethernet address). ● The MAC address is displayed only, but cannot be set.		
	31	Routing Menu Function	Set whether to use the Routing function. ● When the optional software (Document Distribution System) is installed.	No, Yes	No
	32	Doc. Dist. Server Name	When "29 DNS Server Address" is set to "Yes", and "31 Routing Menu Function" is set to "Yes", enter the name of the distribution system routing Server. ● When the optional software (Document Distribution System) is installed.	Up to 60 characters	
	33	Doc. Dist. Server IP	When "29 DNS Server Address" is set to "No" and "31 Routing Menu Function" is set to "Yes", enter the IP address of the distribution system routing Server. ● When the optional software (Document Distribution System) is installed. ● When the optional Hard Disk is installed.	3 digits x 4	0. 0. 0. 0.
	34	Hard Disk Initialize	When selecting "Deletion", set the deletion security level of hard disk data. During the deletion time, the machine cannot be used. • Stop Deletion is not executed. • Medium Deletion is completed within 2 hours. • High Deletion is completed within 3 hours. ● When the optional Hard Disk is installed.	Format : Stop, Start Deletion : Stop, Medium, High	Format (Stop)
	35	Hard Disk Error Check	Set the hard disk error check. ● Not required in copying mode, but needed when installing options with advanced functions. ● When the optional Hard Disk is installed.	Stop, Start	Start
36	Address Book Group ID	Set the Address Book Group ID.	0-99	0	

* No. 27 to 29
After setting, turn the machine's power switch Off, and then On again.

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting	
20-39	37	Auto Reset Information	Set whether to display the auto reset guide.	No, Yes	Yes
	38	Pap. Tray Priority (B/W)	Set the priority of paper tray for Black and White. S: Optional paper feed unit C: Paper tray of the main unit B: Sheet bypass	S>C>B, C>S>B	C>S>B
	39	Pap. Tray Priority (Col)	Set the priority of paper tray for colour. S: Optional paper feed unit C: Paper tray of the main unit B: Sheet bypass	S>C>B, C>S>B	C>S>B
40-59	40	Fold Position (A3/LDR)	Set the binding margin for booklet copy. (A3/Ledger). A3 / Ledger(11"x17") 	-4.0 to +4.0 mm	0.0
	41	Fold Position (B4)	Set the binding margin for booklet copy. (B4). B4 	-4.0 to +4.0 mm	0.0
	42	Fold Position (A4/LTR-R)	Set the binding margin for booklet copy. (A4/Letter-R). A4 / Letter-R(8.5"x11") 	-4.0 to +4.0 mm	0.0

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting
40-59	44	Data Deletion of HD Set the deletion security level of hard disk data in every copy/print job. ● When the optional hard disk unit is installed, every copy/print job data is automatically deleted after each job is completed. For higher security select Medium and High, however, the deletion time increases with the increase in security level, and may take longer to erase the data.	Basic, Medium, High	Basic
	45	WINS Server 1 IP Set the IP address of WINS Server 1. *	3 digits x 4	0. 0. 0. 0.
	46	WINS Server 2 IP Set the IP address of WINS Server 2. *	3 digits x 4	0. 0. 0. 0.
	47	Scope ID Set the Net Bios Scope ID. *	Up to 223 characters	_____
	48	IP Filter Set the IP filter to provide security to network function such as printer or scanner. *	Off, On	Off
	49	IP Filter Mode By setting “ 50 IP Filter Address ”, allow or deny the network function of registered IP filter address. *	Allow, Deny	Allow
	50	IP Filter Address Set the IP filter address. Up to 4 addresses can be set. * ● When setting only one IP filter address, input the same IP address for both “Start Address” and “End Address”.	3 digits x 4	0. 0. 0. 0.
	51	Community Name (1) Set the SNMP community name (1). *	Up to 15 characters	public
	52	Community Name (2) Set the SNMP community name (2). *	Up to 15 characters	public
	54	SysContact Set the system management name. *	Up to 31 characters	_____
	55	SysName Set the system name. *	Up to 31 characters	Panasonic DP-C262/322
	56	SysLocation Set the system installation place. *	Up to 31 characters	_____
59	SMB Set “ On ” when using the machine for Microsoft Network (SMB). *	Off, On	Off	
60-79	60	SMB Master Browse Set “ On ” when using SMB Master Browse. *	Off, On	Off
	61	SMB Device Name Set the device name for Microsoft Network (SMB). *	Up to 15 characters	_____
	62	SMB Workgroup Name Set the working group name for Microsoft Network (SMB). *	Up to 15 characters	_____
	63	SMB Comment Set comments about the machine used for Microsoft Network (SMB). *	Up to 48 characters	_____

* No. 45 to 60

After setting, turn the machine's power switch Off, and then On again.

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting
60-79	64	Rendezvous Set the Rendezvous. * ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed.	Off, On	Off
	65	Rendezvous Name Set the name of Rendezvous. * ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed.	Up to 31 characters	_____
	66	IPv6 Set "On" when using the machine for IPv6. * ● For details about setting IPv6, refer to Embedded Web Server in the Document Management System (For Embedded Web Launcher and Web Server) on the provided CD-ROM.	Off, On	Off
	70	Auto Tone Adjust If the coloured image tone has deviated, set the automatic tone adjustment. <Procedure> 1. Execute this mode to print the calibration sheet. 2. Place the calibration sheet on the platen and execute this mode again.	Stop, Start	Stop
	71	Tone Adjust Reset If "70 Auto Tone Adjust" has made the original tone unidentifiable, execute this mode to reset the machine to the original tone at shipping.	Stop, Start	Stop
	73	Administrator Name When "75 User Authentication" is set to "On" and selecting Local Machine as domain, set administrator's name and password for authentication.	Up to 40 characters	_____
	74	Authentication Method When "75 User Authentication" is set to "On", authentication method.	NTLM, Clr Text	NTLM
	75	User Authentication Set the User Authentication, and then select "Off" or "On" for selected function.	Copy, Fax, Print, Scan (Off, On)	_____
	76	ID Timeout When "75 User Authentication" is set to "On", set when the machine requires the authentication.	Auto Rst, EveryJob	Auto Rst
	77	Log-on Attempts When "75 User Authentication" is set to "On", set the number of logon attempts. (Set "0" for unlimited attempts.)	0 to 9	0
	78	User Auth. Domain When "75 User Authentication" is set to "On", set domain for authentication.	No.00 to 09	_____
	79	Lockout Time When "75 User Authentication" is set to "On", set the lockout time. If you failed to log on specified times, you cannot log on again during the lockout time.	1 to 60 (min.)	5 (min.)

* No.61 to 66

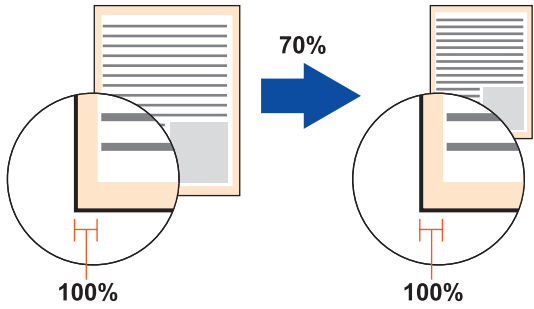
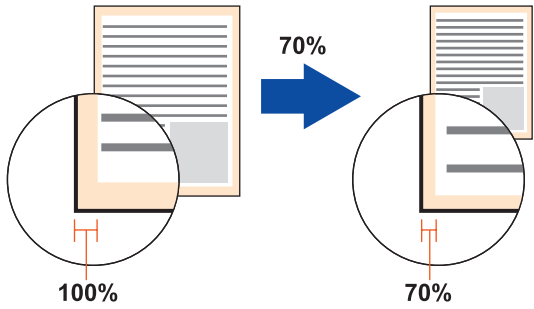
After setting, turn the machine's power switch Off, and then On again.

Memo


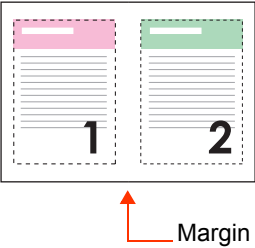

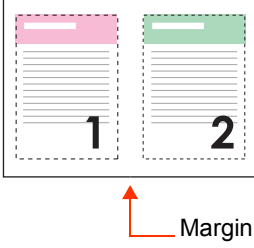
Copier Settings

In Copier User Mode, the following items can be changed.

Copier User

No.	Parameter	Comments	Selective Item	Standard Setting	
0-4	00	Margin Value Default	Set the default margin.	5 mm, 10 mm, 15 mm, 20 mm	10 mm
	01	Edge Value Default	Set the default edge.	5 mm, 10 mm, 15 mm, 20 mm	5 mm
	02	Book Value Default	Set the default book.	15 mm, 20 mm, 25 mm, 30 mm	20 mm
	03	Margin Reduction Def.	For reduced copying, set whether to reduce the margin with the copy image. <ul style="list-style-type: none"> No The margin is not reduced. If the zoom ratio is 50% or less, the margin is reduced with the copy image.  <ul style="list-style-type: none"> Yes The margin is reduced with the copy image. 	No, Yes	No
04	2-Sided Mode Default	Set the default 2-sided Mode.	No, 1 to 2, B to 2	No	
5-9	05	N in 1 Default Mode	Set the default N in 1 Mode.	2 in 1, 4 in 1, 8 in 1	2 in 1

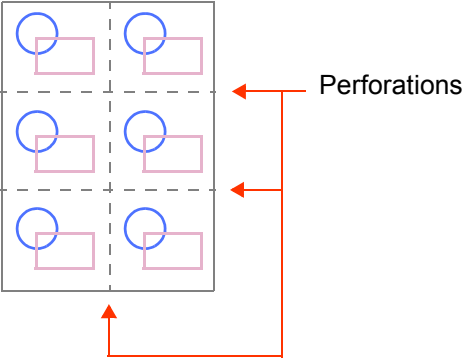
Copier User

No.	Parameter	Comments	Selective Item	Standard Setting
5-9	06	<p>Reduce N in 1 for Space</p> <p>For N in 1 Copy, set whether to leave a margin between copy images.</p> <ul style="list-style-type: none"> • No No margin is inserted.  <ul style="list-style-type: none"> • Yes A margin is inserted. 	No, Yes	No
	07	<p>Booklet Default Mag.</p> <p>For Booklet Copy, set whether to reduce the copy image and add a center margin.</p> <ul style="list-style-type: none"> • 100% A4 sized originals are copied onto A3 sized paper without reduction.  <ul style="list-style-type: none"> • Reduce A4 sized originals are reduced to A5 in size and copied onto A4 sized paper with center margin added. 	100%, Reduce	Reduce

Copier User

No.	Parameter	Comments	Selective Item	Standard Setting
5-9	08	Digital Skyshot Mode Enable or disable Digital Skyshot Mode. <ul style="list-style-type: none"> • No Digital Skyshot Mode is disabled. • Normal Skyshots are used with standard quality. • Quality Skyshots are used with better quality than in "Normal". <p style="text-align: center;">NOTE</p> <ul style="list-style-type: none"> • Refer to Example : Digital Skyshot Mode. (See page 26) 	No, Normal, Quality	Normal
	09	Manual Skyshot Mode Enable or disable Manual Skyshot Mode. <ul style="list-style-type: none"> • Off Manual Skyshot Mode is disabled. • M1,On The image is copied in pre-registered M1 size. (Standard setting : 70x160mm) • M2,On The image is copied in pre-registered M2 size. (Standard setting : 95x220mm) • M1,M2,On Copied in pre-registered M1 or M2 size. <p style="text-align: center;">NOTE</p> <ul style="list-style-type: none"> • Refer to Example : Manual Skyshot Mode. (See page 27) 	Off, M1,On, M2,On, M1,M2,On	Off
10-14	10	G-Cl. Detect Mode Set the ground colour detection mode.	Tip, Area	Tip
	11	Sort Priority ADF Selects the sort priority when using the ADF.	None, Sort, Shift, Staple, Group	Sort
	12	Sort Priority Glass Selects the sort priority when using the Platen.	None, Sort, Shift, Staple, Group	None
	13	Stamping Default Mode Set the default Stamping Mode.	Page, Date, Issue, Text	Page
	14	Page Numbering Style Set the page numbering style.	-n-, n/m	-n-

Copier User

No.	Parameter	Comments	Selective Item	Standard Setting	
15-19	15	Img. Repeat Dotted Line Set whether to print perforations between copy images in image repeat copying. • None Perforations are not printed. • Print Perforations are printed.	None, Print	Print	
					
	16	Staple Position Setting	Set the default stapling position.	Top L, Top R, Centre L, T Centre, Centre R (R: Right, L: Left, T: Top)	Top L
	17	Hole Punch Default	Set the default punch.	Off, On	Off
18	Double Exposure	Set the default double exposure.	Off, On	On	
20-24	20	Add User Colour	Set the ratio of cyan, magenta, and yellow and register the mixed colour. (0 to 100 %)	01 to 06	_____
	21	Modify User Colour	When registering “ 20 Add User Colour ”, modify a registered colour.	_____	_____
	22	Delete User Colour	When registering “ 20 Add User Colour ”, delete a registered colour.	_____	_____
	24	Key Operator Mode	Enter the Key Operator identification code to display the Key Operator Mode (see page 22).	_____	0000

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting	
0-9	00	Print Copier Settings	Print a Copier Settings list.	Stop, Start	Start
	01	Paper Size Priority	Set the paper size priority.	A3☐, B4☐, A4☐, A4☐, B5☐, B5☐, A5☐, 11x17☐, Legal☐, 8.5x11☐, 8.5x11☐, 5.5x8.5☐, 8x13☐, 8.5x13☐	A4☐
	02	Original Mode Default	Set the default Original Type of the quality adjustment. <ul style="list-style-type: none"> Text : Text1 (Printed), Text2 (Pencil) Text/Photo : T/P1 (Commercial), T/P2 (Photo Paper), T/P3 (Laser Printed) Photo : Photo1 (Commercial), Photo2 (Photo Paper), Photo3 (Laser Printed) Other Types: Other1 (Map), Other2 (Tracing Paper), Other3 (News Paper) 	Text1, Text2, T/P1, T/P2, T/P3, Photo1, Photo2, Photo3, Other1, Other2, Other3	T/P1
	03	Colour Mode Default	Set the default Colour Mode.	Auto, Black, Colour, 2Colour, 1Colour	Auto
	04	Text Density	When Original Mode is “Text” , set the default density.	-3 to +3	0
	05	T/P Density	When Original Mode is “Text/Photo” , set the default density.	-3 to +3	0
	06	Photo Density	When Original Mode is “Photo” , set the default density.	-3 to +3	0
	07	Density (Other Type)	When Original Mode is “Other Types” , set the default density.	-3 to +3	0
	08	Overlay Density	Set the default density for overlay copying.	-3 to +3	0
10-19	09	Background Removal	Set the default Background Removal.	Off, Level:1 to Level:6	Level:3
	10	Bleed-Through Prevention	Set the default bleed-through prevention.	Off, Level:1 to Level:6	Off
	11	Contrast	Set the default contrast.	-3 to +3	0
	12	Sharpness	Set the default sharpness.	-3 to +3	0
	13	Saturation	Set the default colour saturation.	-3 to +3	0
	14	Tint	Set the default tint.	-3 to +3	0

Key Operator

No.		Parameter	Comments	Selective Item	Standard Setting
10-19	15	Colour Balance	Set the default colour balance for Cyan, Magenta, Yellow and Black. (Darker, Medium and Lighter Areas)	-3 to +3	0
20-29	21	Page Insertion Default	Set the default page insertion.	Blank, Copy	Blank
	22	Cover Mode Default	Set the default Cover Mode.	F, Blank, F, Copy, FB, Blank, FB, Copy (F: Front cover, FB: Front & Back cover)	F, Blank
	23	Job Build and SADF Mode	Enable or disable SADF Mode.	No, Yes	Yes
	24	Maximum Copy Setting	Set the limit copy count.	0 to 99 (0: No limit)	0
	25	M1, Size	Change the skyshot size registered on the M1 key.	X: 5 to 432mm Y: 5 to 297mm	70,160
	26	M2, Size	Change the skyshot size registered on the M2 key.	X: 5 to 432mm Y: 5 to 297mm	95, 220
	27	Memory Overflow Warning	Set sort copying when the memory is full. <ul style="list-style-type: none"> • Print The read original is copied. • Cancel The read original is deleted. 	Print, Cancel	Print
	28	Colour Spec (1Colour)	Set the default one colour. <ul style="list-style-type: none"> ● “Preset 1 to 6” can be selected when you set “20 Add User Colour” in Copier Settings. 	Red, Yellow, Green, Magenta, Blue, Cyan, Preset1, Preset2, Preset3, Preset4, Preset5, Preset6	Red
	29	Colour Spec (2Colour)	Set the default two colours. <ul style="list-style-type: none"> ● “Preset 1 to 6” can be selected when you set “20 Add User Colour” in Copier Settings. 	Red, Yellow, Green, Magenta, Blue, Cyan, Preset1, Preset2, Preset3, Preset4, Preset5, Preset6	Red
30-39	30	Colour Spec (Overlay)	Set the default overlay colour. <ul style="list-style-type: none"> ● “Preset 1 to 6” can be selected when you set “20 Add User Colour” in Copier Settings. 	Full, Red, Magenta, Green, Cyan, Blue, Black, Yellow, White Preset1, Preset2, Preset3, Preset4, Preset5, Preset6	Full

Key Operator

No.		Parameter	Comments	Selective Item	Standard Setting
30-39	31	Mono Colour Judge Level	Set the auto detection level for colour original. 1: Making original easier to detect as monochrome. 7: Making an original easier to detect as coloured.	1 to 7	4
	32	Colour Toner Save (T)	In colour mode, set the level of * toner saving when the Original Type is "Text".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	33	Colour Toner Save (T/P)	In colour mode, set the level of * toner saving when the Original Type is "Text/Photo".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	34	Colour Toner Save (P)	In colour mode, set the level of * toner saving when the Original Type is "Photo".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	35	Colour Toner Save (Other)	In colour mode, set the level of * toner saving when the Original Type is "Other Types".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	36	Mono Toner Save (T)	In monochrome mode, set the * level of toner saving when the Original Type is "Text".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	37	Mono Toner Save (T/P)	In monochrome mode, set the * level of toner saving when the Original Type is "Text/Photo".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	38	Mono Toner Save (P)	In monochrome mode, set the * level of toner saving when the Original Type is "Photo".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
	39	Mono Toner Save (Other)	In monochrome mode, set the * level of toner saving when the Original Type is "Other Types".	None, Level 1, Level 2, Level 3, Level 4, Level 5	None
40-44	40	Copy Customize	Set whether to indicate the More Menus functions individually.	<hr/>	

* No. 32 to 39

As the level value is greater, the more toner is saved.

Memo

Example : Digital Skyshot Mode

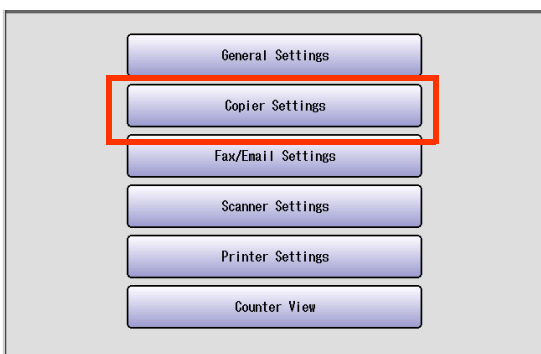
Digital Skyshot Mode allows copying an original without generating dark borders even if the platen cover is opened.

NOTE

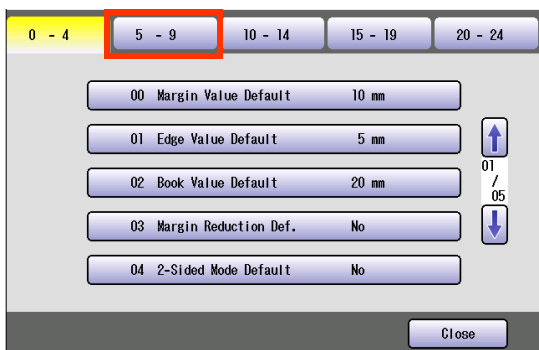
- When copying in “Quality” mode combined with “N in 1” or “2 Page”, the Quality mode will be changed to “Normal” mode automatically.

1 Press the **Function** key.

2 Select “**Copier Settings**”.



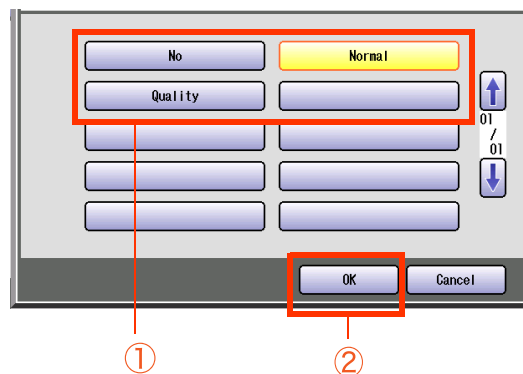
3 Select “**5-9**”.



4 Select “**08 Digital Skyshot Mode**”.



5 Select the desired item, and then select “**OK**”.



No	Digital Skyshot Mode is OFF.
Normal	For standard quality.
Quality	For better quality than “Normal”.

6 Select “**Close**”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Example : Manual Skyshot Mode

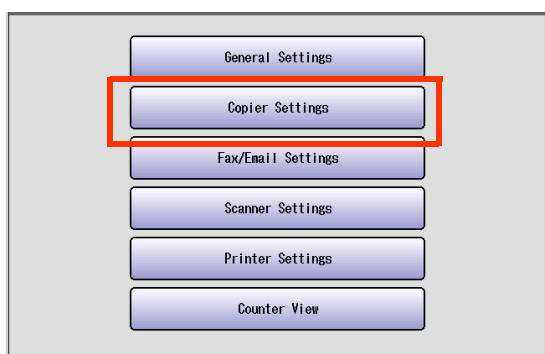
In Manual Skyshot Mode, the scanning area (size) is pre-registered into memory (M1 and M2) in advance. This mode also allows copying an original without generating dark borders even if the platen cover is opened.

NOTE

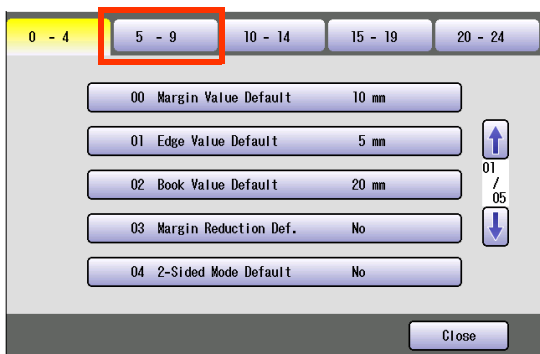
- An incorrect exposure may occur when there is a black line at the edge of the original.
- Sort function (Sort, Shift-Sort, Rotate-Sort, Staple-Sort) is not available in Manual Skyshot Mode.

1 Press the **Function** key.

2 Select **“Copier Settings”**.



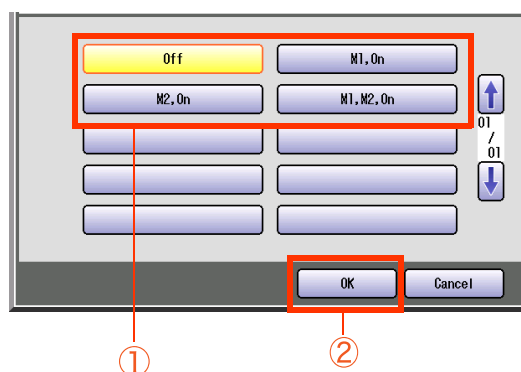
3 Select **“5-9”**.



4 Select **“09 Manual Skyshot Mode”**.



5 Select the desired item, and then select **“OK”**.



“Off”	Manual Skyshot Mode is OFF.
“M1, On”	Copied in M1 size.
“M2, On”	Copied in M2 size.
“M1, M2, On”	Copied in pre-registered size (M1 or M2).

- For changing M1/M2 size, refer to **“M1, Size”** or **“M2, Size”**. (See page 23)

6 Select **“Close”**.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Fax/Email Settings

In Fax/Email Settings Mode, the following items can be changed.

NOTE

For registration of the Address Book or Program Keys, refer to **Program Destinations/Program Keys** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

Fax/Email Settings

No.	Parameter	Comments	
0-4	00	Address Book	To open the Address Book setting screen.
	01	Program Keys	To open the Program Keys setting screen.
	04	Key Operator Mode	To open the User Parameter or Fax Parameter mode. ● Enter the Key Operator identification code to display the Key Operator Mode .

Address Book

No.	Parameter	Comments	
0-4	00	Print Address Book List	Refer to Address Book in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.
	01	Add Telephone Number	
	02	Add Email Address	
	03	Modify Station	
	04	Delete Station	

Program Keys

No.	Parameter	Comments	
0-4	00	Print Program List	Refer to Program Keys in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.
	01	Group Dial	
	02	Program Dial	
	03	Modify Group Dial	
	04	Delete Program/GRP	
5-9	05	Manual POP RCV	

Key Operator Mode

No.	Parameter	Comments	
0-4	00	User Parameters	Refer to User Parameters . (See page 29)
	01	Fax Parameters	Refer to Fax Parameters . (See page 32)

NOTE

- For the settings of user parameters, refer to **Facsimile Settings (Option)** in the Operating Instructions (For Setting Up) of provided another booklet.
- Network Configuration should be setup by the System Administrator.

User Parameters

No.	Parameter	Comments	Selective Item	Standard Setting	
0-9	00	Print UserParameterList	Print a user parameter list.	Stop, Start	Start
	01	Logo	Set the logo. (Ex:) Panasonic	Up to 25 characters	_____
	02	Character ID	Set the character ID. (Ex:) HEAD OFFICE	Up to 16 characters	_____
	03	ID No.	Set the numeric ID. (Ex:) 555 1212	Up to 20 digits	_____
	04	Time Zone	Move the cursor by selecting “◀” or “▶”, and then enter the time difference (from GMT). Press the TONE key to shift the signs between minus (-) and plus (+).	_____	GMT +00:00
	05	Email Address	Set the Email Address of the machine.	Up to 60 characters	_____
	06	SMTP Server Name	When “ 29 DNS Server Address ” in General Settings is set to “ Yes ”, set the SMTP Server Name.	Up to 60 characters	_____
	07	SMTP Server IP	When “ 29 DNS Server Address ” in General Settings is set to “ No ”, set the SMTP IP Address.	3 digits x 4	_____
	08	SMTP AUTH Name	When “ 170 SMTP Authentication ” in Fax Parameters is set to “ Valid ”, set the name of SMTP authentication.	Up to 40 characters	_____
09	SMTP AUTH Password	When “ 170 SMTP Authentication ” in Fax Parameters is set to “ Valid ”, set the password for SMTP authentication.	Up to 10 characters	_____	
10-19	10	POP Server Name	When “ 29 DNS Server Address ” in General Settings is set to “ Yes ”, set the POP Server Name.	Up to 60 characters	_____
	11	POP Server IP	When “ 29 DNS Server Address ” in General Settings is set to “ No ”, set the POP Server IP Address.	3 digits x 4	_____
	12	POP User Name	Set the POP User Name.	Up to 40 characters	_____
	13	POP Password	Set the POP Password.	Up to 10 characters	_____

User Parameters

No.		Parameter	Comments	Selective Item	Standard Setting
10-19	15	LDAP Server Name	When “ 29 DNS Server Address ” in General Settings is set to “ Yes ”, set the LDAP Server Name. ● Refer to Example : LDAP Server . (See page 46)	Up to 60 characters	_____
	16	LDAP Server IP	When “ 29 DNS Server Address ” in General Settings is set to “ No ”, set the LDAP Server IP Address. ● Refer to Example : LDAP Server . (See page 46)	3 digits x 4	_____
	17	LDAP User Name	Set the LDAP User Name. ● Refer to Example : LDAP Server . (See page 46)	Up to 40 characters	_____
	18	LDAP Password	Set the LDAP Password. ● Refer to Example : LDAP Server . (See page 46)	Up to 10 characters	_____
	19	LDAP Search Base	Set the LDAP database to search. ● Refer to Example : LDAP Server . (See page 46)	Up to 60 characters	_____
20-29	21	Default Subject	Set the information added to the Subject Line for all outgoing Emails.	Up to 40 characters	_____
	22	Default Domain	Set the Domain Name added to frequently used or incomplete outgoing Email Addresses. (Ex:) panasonic.com	Up to 50 characters	_____
	25	Selectable Domain (01)	Set Domain Names to display on the domain list. Up to 10 domain names can be set. After entering the part of the Email Address preceding at mark “@”, select the desired domain name.	Up to 30 characters	_____
	26	Selectable Domain (02)			
	27	Selectable Domain (03)			
	28	Selectable Domain (04)			
29	Selectable Domain (05)				
30-39	30	Selectable Domain (06)			
	31	Selectable Domain (07)			
	32	Selectable Domain (08)			
	33	Selectable Domain (09)			
	34	Selectable Domain (10)			
	35	Remote Password			

User Parameters

No.		Parameter	Comments	Selective Item	Standard Setting
30-39	36	Relay XMT Password	Set the LAN relay password to provide network security to your Relay Station. ● Refer to Example : Initial Sending Station (LAN Relay) . (See page 56)	Up to 10 characters	_____
	37	Manager's Email Addr	Set the Department Manager's Email Address for notification of all Internet relayed transmissions for supervision and cost control purposes. ● Refer to Example : Initial Sending Station (LAN Relay) . (See page 56)	Up to 60 characters	_____
40-49	40	Relay Domain (01)	When " 142 Relay XMT " in Fax Parameters is set to " Valid ", set the Domain Names that are authorized to access your Internet Fax for Relayed Transmission Request. Up to 10 Domain Names can be set. ● Refer to Example : Relay Station (LAN Relay) . (See page 60)	Up to 30 characters	_____
	41	Relay Domain (02)			
	42	Relay Domain (03)			
	43	Relay Domain (04)			
	44	Relay Domain (05)			
	45	Relay Domain (06)			
	46	Relay Domain (07)			
	47	Relay Domain (08)			
	48	Relay Domain (09)			
	49	Relay Domain (10)			

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting	
0-39	00	Print FaxParameterList	Print a fax parameter list.	Stop, Start	Start
	01	Density (HOME)	Set the default density according to the most-used original.	-3, -2, -1, 0, 1, 2, 3	0
	02	Resolution (HOME)	Set the default resolution according to the most-used original. ● When installing the optional Email / Fax, the standard setting can be changed.	STD, Fine, S-Fine	Fine
	03	Original (HOME)	Set the default of original type according to the most-used original.	Text, Txt/Pht (Text/Photo), Photo	Text
	04	Stamp (HOME)	When set to "On", all successfully transmitted originals are stamped (Memory or Direct transmission). In order Not to stamp the Memory transmitted originals, set "28 Stamp At Memory XMT" to "Invalid".	Off, On	Off
	05	Memory (HOME)	Set the default for memory transmission. When set to "Off", originals are transmitted directly without storing into memory first.	Off, On	On
	06	Dialling Method	Select a dialling method according to your telephone line.	Tone, Pulse	Tone
	07	Header Print	Select the printing position of sender's information (Header) on the received original. ● Inside Sender's information is printed on the image. ● Outside Sender's information is printed outside of the image without overlap. ● No Print Sender's information is not printed.	Inside, Outside, No Print	Inside
08	Header Format	Select what contents to use for the sender's information. ● Standard Setting differs by country.	Logo, ID From To	From To	

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting	
0-39	09	RCV'D Time Print	Select whether the machine prints the received date & time. When set to " Valid ", the reception time is printed.	Invalid, Valid	Invalid
	12	Comm. Journal (HOME)	Select the printing attributes for the communication journal. <ul style="list-style-type: none"> • Off Communication journal is not printed. • Always Prints whether communication has succeeded or failed. • Inc Only Prints only when communication has failed. 	Off, Always, Inc Only	Inc Only
	13	Auto Print JRNL	<ul style="list-style-type: none"> • Invalid Communication journal is not automatically printed. If required, view the communication journal on the touch panel display, or print it manually. • Valid The machine prints the journal automatically after every 200 transactions. ● Refer to Transaction Journal in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Valid
	14	File Accept Report	Set whether to print an acceptance report when memory transmission is accepted. The report states the number of accepted originals and the destination.	Invalid, Valid	Invalid
	17	Receive Mode	Select a fax reception method. <ul style="list-style-type: none"> • Manual Select manual reception. • Auto Select automatic reception. For the fax reception methods, refer to Receiving Documents in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.	Manual, Auto	Auto

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting
0-39	22	Substitute RCV Enable or disable substitute memory reception. This function allows storing the received originals into memory if printing is not possible due to no recording paper, ran out of toner, or paper jam occurred.	Invalid, Valid	Valid
	24	Print Reduction Set the reduction method for received original. <ul style="list-style-type: none"> • Fixed Reduce received original according to the setting of "25 Reduction Ratio". • Auto Reduce received original according to their length. <ul style="list-style-type: none"> • For the reduction methods, refer to Print Reduction in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Fixed, Auto	Auto
	25	Reduction Ratio Set the received original reduction ratio when " 24 Print Reduction " is " Fixed ". <ul style="list-style-type: none"> • For the reduction ratio setting method, refer to Print Reduction in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	70 to 100	100
	26	Polling Password Set the 4-digit password for polling.	<hr/>	
	27	Polled File Save Set whether to delete an original from memory after the polling transmission. <ul style="list-style-type: none"> • Invalid After polling transmission, the original is deleted from memory. • Valid Even after polling transmission, the original is kept in memory. 	Invalid, Valid	Invalid

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
0-39	28	Stamp at Memory XMT	<p>Set whether to stamp the originals when storing them into memory.</p> <ul style="list-style-type: none"> • Invalid Originals are not stamped. • Valid Originals are stamped. (depending on the Stamp setting on the Control Panel) 	Invalid, Valid	Valid
	31	Incomplete File Save	<p>Set whether the machine retains the document in memory if the document is not successfully transmitted.</p> <ul style="list-style-type: none"> • Invalid A failed file is not saved. • Valid A failed file is saved and retransmitted as required. • For details about retransmission, refer to Resending an Incomplete Document in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Invalid
	33	XMT Reduction	<p>Enable or disable reduced transmission.</p> <ul style="list-style-type: none"> • Invalid No original is reduced for transmission. • Valid When the transmitting original is wider than the recording paper used at the receiving machine, the machine performs reduction. 	Invalid, Valid	Valid
	37	Receive to Memory	<p>Set the 4-digit password for printing a memory-received original.</p> <ul style="list-style-type: none"> • If "Receive to Memory" in "More Menus" is "On", this setting can not be selected. • Refer to Example : Receive to Memory. (See page 50) 		

Fax Parameters

NOTE


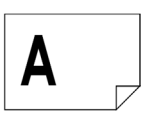
- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
0-39	39	PIN Code Access	<p>When the machine is connected to PBX and Personal Identification Number (PIN) Code is required, select the access method (Prefix or Suffix) to dial a number with PIN Code.</p> <ul style="list-style-type: none"> • None No PIN code is added. • Suffix A PIN code is added as a suffix code. • Prefix A PIN code is added as a prefix code. <ul style="list-style-type: none"> • Refer to Getting an Outside Line Using PIN Code Access in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	None, Suffix, Prefix	None
40-79	42	Conf. File Save	<p>Set whether to save an original in memory after the confidential transmission.</p> <ul style="list-style-type: none"> • Invalid After confidential transmission, the original is deleted from memory. • Valid Even after confidential transmission, the original is kept in memory. 	Invalid, Valid	Invalid
	43	Password-Transmit	<p>Register the 4-digit password first.</p> <p>Set whether the machine performs and checks the Password of the receiving station when transmitting.</p> <ul style="list-style-type: none"> • Refer to Example : Password-Transmit / Password-Receive. (See page 52) 	Off, On	Off
	44	Password-Receive	<p>Register the 4-digit password first.</p> <p>Set whether the machine performs and checks the password of the transmitting station when receiving.</p> <ul style="list-style-type: none"> • Refer to Example : Password-Transmit / Password-Receive. (See page 52) 	Off, On	Off

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting
40-79	46	Select Receive	Invalid, Valid	Invalid
	48	Telephone Line	PSTN, PBX	PBX
	49	PSTN Access Code	Up to 4-digit	_____
	52	Diagnostic Password	Set the diagnostic password.	● Consult with the authorized Panasonic dealer on how to use this item.
	53	Sub-Address Password	Set the sub-address password.	Up to 20 characters _____
	54	Fax Forward	Set whether the machine performs Fax Forwarding to the specified destination.	Invalid, Valid Invalid
	56	Cover Sheet (HOME)	Set the default cover sheet.	Off, On Off
	57	Destination Code	Selecting the destination code when installing your machine.	_____
	68	Dial Tone Check	Set whether to detect dial tone before dialling the telephone number.	Off, On On
	77	Department Code	Enable or disable the department management function.	Invalid, Valid Invalid
	78	Rotation XMT	Enable or disable the transmission rotation function.	Invalid, Valid Valid
<p>• Invalid An A4/Letter sized portrait original is transmitted as it is. The received original will be reduced or printed on A3 sized paper. The original is set as (←□), the image is rotated by 90° and then transmitted as (←□).</p> <p>Letter or A4 Original ←  →  Receiving Station Letter or A4 Paper</p> <p>Sends with 70% Reduction</p> <p>• Valid A4/Letter sized portrait original is rotated and transmitted as an A4-size landscape original.</p> <p>● For details about rotational transmission, refer to Rotated Transmission in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.</p>				

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
80-119	82	Quick Memory XMT	<p>Enable or disable the quick memory transmission function.</p> <ul style="list-style-type: none"> ● Invalid Transmission starts after all originals are scanned. ● Valid Transmission starts when the first page has been scanned from the ADF into memory. If there is more than one destination, however, quick memory transmission will not work. ● For details about quick memory transmission, refer to Transmitting a Document Stored in Memory in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Valid
	86	Ringer Volume	<p>Set the ringer volume. Setting it to "Off" puts the ringer on mute</p>	Off, Soft, Medium, Loud	Soft
	89	List Output Tray	<p>Select an output tray for a printed list.</p> <ul style="list-style-type: none"> ● Outer is available when the optional Paper Transport Unit is installed. 	Inner, Outer	Inner
	95	Duplex Print	<p>Enable or disable the duplex printing of a received original.</p> <ul style="list-style-type: none"> ● For details about the duplex printing of a received original, refer to Print Reduction in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Invalid
	97	Special Tray	<p>Select the tray that will not be used for printing received faxes. Ex: Exclude Tray 1 if colour paper is loaded on Tray 1.</p>	NO. 1, NO. 2, NO. 3, NO. 4	_____
	99	Memory Size	<p>Check the status of optional memory card. (Base Memory + Optional Memory)</p>	_____	_____

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
80-119	118	Fax Function Detect	Enable the machine to switch automatically to Fax Mode by detecting fax number input on the copy screen. Set the number of digits to interpret it as a fax number.	Invalid, 4-Digits, 5-Digits, 6-Digits, 7-Digits, 8-Digits	6-Digits
	131	Job Tracking	Set the Job Tracking under the following conditions. <ul style="list-style-type: none"> ● When the optional Internet Fax and Network Scanner are installed. ● When "75 User Authentication" in General Settings is set to "Fax(On)" or "Scan(On)", and "54 Fax Forward" in Fax Parameters is set to "Invalid". 	None, Tx(Send), Rx(Receive), Tx&Rx(Send & Receive)	None
120-159	140	LAN RLY XMT Request	Enable or disable the LAN relay transmission request function. <ul style="list-style-type: none"> ● Refer to Example : Initial Sending Station (LAN Relay). (See page 56) 	Invalid, Valid	Invalid
	141	LAN XMT Reduce	Enable or disable reduced transmission when transmitting a large sized original via Internet Fax. When set to "Valid", a A3/ Ledger/B4 sized original is reduced and transmitted as A4/ Letter sized paper. <ul style="list-style-type: none"> ● Refer to Emailing an A3-Sized Document in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Invalid
	142	Relay XMT	Enable or disable the LAN relayed transmission function. <ul style="list-style-type: none"> ● Refer to Example : Relay Station (LAN Relay). (See page 60) 	Invalid, Valid	Valid

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
120-159	143	Relay XMT Report	<p>Select the printing attributes for a LAN relayed transmission report.</p> <ul style="list-style-type: none"> • Off Don't send. • Always Always send. • Inc Only Send only if communication has failed. <ul style="list-style-type: none"> ● Refer to Example : Relay Station (LAN Relay). (See page 60) 	Off, Always, Inc Only	Always
	144	Email Character Set	Set the language when sending / receiving Email.	Japanese, English	English
	145	Sender Selection	<p>Set whether to select a pre-programmed sender's name and Email address before each transmission.</p> <ul style="list-style-type: none"> • Invalid Sender's information can not be selected. The Email address of the machine is used as sender's address. • Valid Up to 25 user's names (up to 25 characters) and addresses (up to 60 digits) can be selected. <ul style="list-style-type: none"> ● For details about the From field, refer to Using Cc, Bcc and From in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Invalid
	146	POP Timer	<p>Set the time interval for the machine to check Email on the POP Server.</p> <ul style="list-style-type: none"> ● For details about POP reception, refer to Receiving an Email in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	0 - 60 (min.)	3 (min.)

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
120-159	147	Auto POP Receive	<p>Set whether to retrieve Email automatically from the POP Server.</p> <ul style="list-style-type: none"> ● For details about POP reception, refer to Receiving an Email in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Valid
	148	Del POP Receive Mail	<p>Set whether the Email will be deleted automatically after retrieval from the POP Server.</p> <ul style="list-style-type: none"> ● Invalid Even after reception from the POP Server, the Email is kept in the POP Server. ● Valid After reception from the POP Server, the Email is deleted from the POP Server. ● For details about POP reception, refer to Receiving an Email in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Valid
	149	Del POP Error Mail	<p>Select whether to delete the Email that includes an incompatible file attachment from the POP Server.</p> <ul style="list-style-type: none"> ● Invalid Non-receivable Email is saved in POP Server. ● Valid Non-receivable Email is deleted from the POP Server. ● For details about POP reception, refer to Receiving an Email in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM. 	Invalid, Valid	Invalid
	150	IFax Return Receipt	<p>Set whether to send a return receipt when receiving from another Internet Fax.</p> <ul style="list-style-type: none"> ● Standard Setting differs by country. 	Invalid, Valid	—————

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
120-159	151	Email Header FMT	<p>Set the header information to print when an Email is received. (Normally used for Troubleshooting. It shows the path of the Email transmission before arriving at your machine.)</p> <ul style="list-style-type: none"> • All All the header contents are printed. • S/F/T Only Subject, From, and To are printed. • Off The header contents are not printed. 	All, S/F/T, Off	S/F/T
	152	Sub-Addr Routing	<p>Set whether to automatically route a received fax or Email using sub-address. Set "Valid" for routing.</p>	Invalid, Valid	Invalid
	153	TSI Routing	<p>Set whether to route a received fax to a telephone number or an Email address pre-programmed in the Address Book using the originating fax's Numeric ID.</p>	Invalid, Valid	Invalid
	154	Route Header FMT	<p>Set the contents of the "From" field when transferring Email to a computer or internet fax on the network by routing.</p> <ul style="list-style-type: none"> • Origi Sender information is printed. • Rly Stn Relay station information is printed. 	Origi, Rly Stn	Origi
	155	Print Routed Doc	<p>Set whether to print a received original to be routed.</p> <ul style="list-style-type: none"> • Inc Only An original is printed only when the routing operation has failed. • Always An original is printed whether the routing operation has succeeded or failed. 	Inc Only, Always	Inc Only

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.		Parameter	Comments	Selective Item	Standard Setting
120-159	156	Print Forward Doc	<p>Set whether to print a memory received original designated for forwarding.</p> <ul style="list-style-type: none"> ● Inc Only An original is printed only when its memory transfer has failed. ● Always An original is printed whether its memory transfer has succeeded or failed. 	Inc Only, Always	Inc Only
	157	Transaction JRNL	Set whether to transfer a communication journal to a registered destination.	Invalid, Valid	Invalid
	158	PC Remote Update	<p>Set whether to accept commands from an Email application, to:</p> <p>(a) Program the Internet Parameters (b) Program the Auto Dialer (c) Allow retrieval of the Journal</p> <ul style="list-style-type: none"> ● Consult with the authorized Panasonic dealer on how to use this item. 	Invalid, Valid	Invalid
160-184	160	Default Domain	<p>Set whether the machine accepts to insert the default domain when entering the part of Email address preceding at mark(@).</p> <p>Set "Valid" to add a domain name automatically to an Email address whose domain name was omitted.</p>	Invalid, Valid	Valid
	162	TIFF Viewer URL	<p>Set a language for a URL address included in the Email message.</p> <p>Set "None" to insert no URL address.</p>	None, English, Eng+Jpn	English
	163	Routing Header	<p>Set whether to add the header information of the routing station.</p> <p>Set "Valid" to add the header information of the routing station.</p>	Invalid, Valid	Invalid

Fax Parameters

NOTE

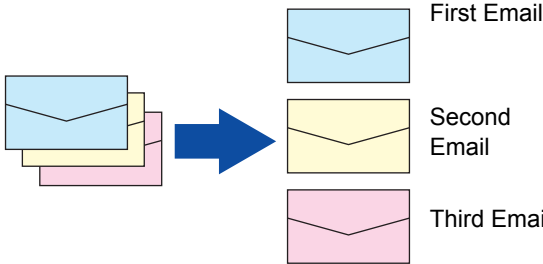
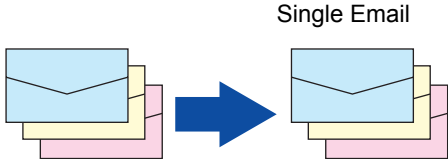
- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting
160-184	164	IFax XMT Header Set whether to include the header when sending an original to an address in the same Domain as specified in the Default Domain parameter. (This is useful when using the machine to scan originals back to your PC) ● When sending to a Domain other than as specified in the Default Domain parameter, the header will be included regardless of the selection. Set " Included " to use Cc or Bcc.	Included, Not Inc.	Included
	170	SMTP Authentication If you transmit to the SMTP Server, User Name and Password are used for authentication. Select " Valid " to set up the User Name and Password.	Invalid, Valid	Invalid
	171	POP before SMTP If you transmit to the SMTP Server, POP User Name and POP Password are used for authentication. (For details, consult with the network manager.)	Invalid, Valid	Invalid
	172	Direct IFax XMT Set whether to be prompted during Phone Book registration if the station you are programming is to receive Internet Fax directly without going through a Mail Server.	Invalid, Valid	Invalid
	173	Delivery Notice Set whether to request a Message Disposition Notification (MDN) for a delivery processing confirmation indicating that the transmitted original (Email/ Internet Fax) was read. This notice can be set at every transmission. When this notice is returned from the recipient, the communication result is recorded in the communication journal.	Off, On	On
	174	APOP Authentication Set whether to encrypt the protocol for the POP Password security when connecting with the POP Server. (This setting depends on the server. Consult with the network manager.)	Invalid, Valid	Invalid

Fax Parameters

NOTE

- The contents of Fax Parameter may differ depending on the each country's regulation or specification.

No.	Parameter	Comments	Selective Item	Standard Setting
160-184	177	XMT File Type	TIFF, PDF	TIFF
	183	Colour Attachment	Single, Multi	Single
		<p>Set the file format for the scanned original attached to Email.</p> <ul style="list-style-type: none"> ● When the optional Network Scanner is installed. ● This setting can be ignored when sending to multi-stations or attaching oversized file in multi-page setting. 		
		<p>• Single</p> <p>Single-page files are attached. (Ex.) Scanning 3 pages: Three files are attached to separate Email.</p> 		
		<p>• Multi</p> <p>A multi-page file is attached. (Ex.) Scanning 3 pages: Only one file is attached to single Email.</p> 		

Example : LDAP Server

To search an Email Address or a Fax Number on LDAP Server, the following user parameter settings are required.

LDAP Server Name	User parameter 15: LDAP Server Name
LDAP Server IP	User parameter 16: LDAP Server IP
LDAP User Name	User parameter 17: LDAP User Name
LDAP Password	User parameter 18: LDAP Password
LDAP Search Base	User parameter 19: LDAP Search Base

Set the above items according to the descriptions below.

NOTE

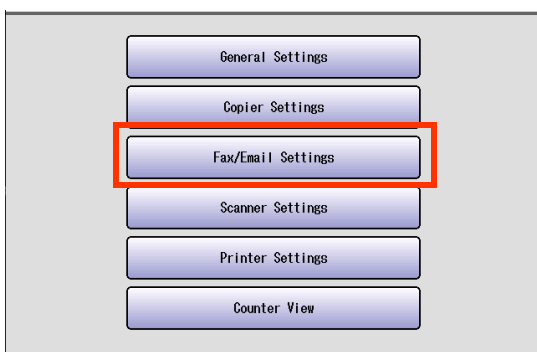
- For details about LDAP search, refer to **Searching for a Destination** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.
- This feature is available in certain countries only.

LDAP Server Name (User parameter 15)

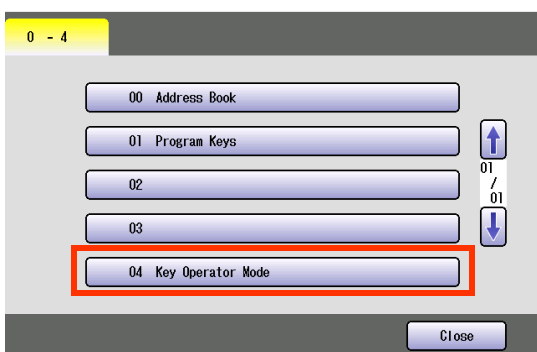
This setting is required only when “**29 DNS Server Address**” in General Settings is set to “**Yes**”.

When the setting is “**No**”, set “**16 LDAP Server IP**”. (See page 48)

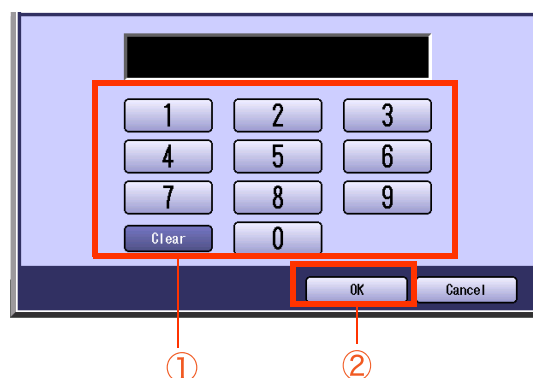
- 1 Press the **Function** key.
- 2 Select “**Fax/Email Settings**”.



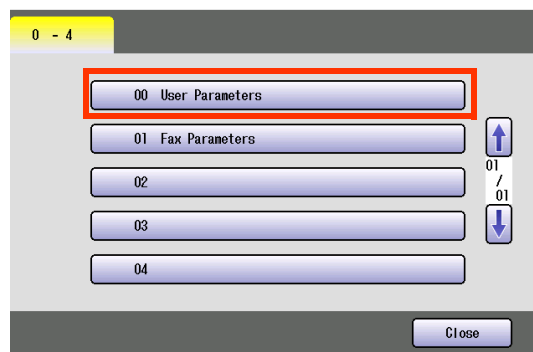
- 3 Select “**04 Key Operator Mode**”.



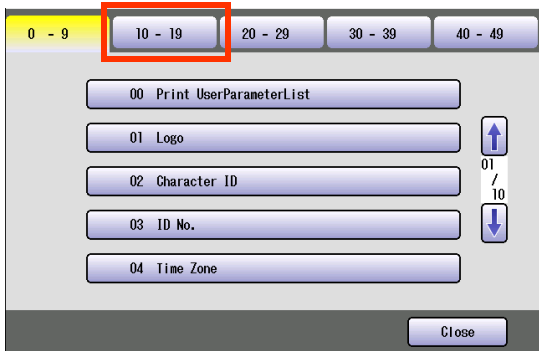
- 4 Enter the Identification Code (4-digit), and then select “**OK**”.



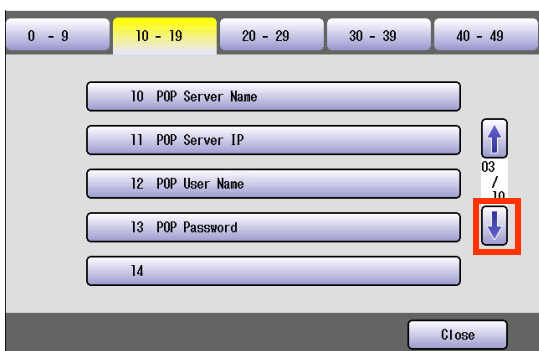
- 5 Select “**00 User Parameters**”.



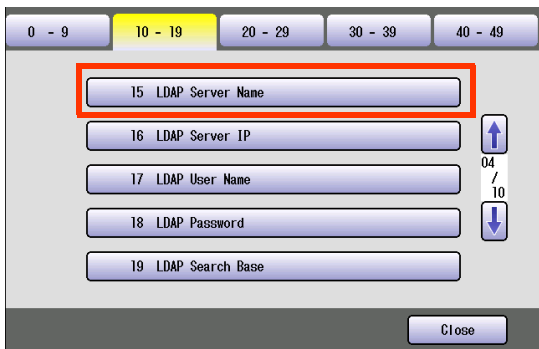
6 Select "10-19".



7 Select ↓.



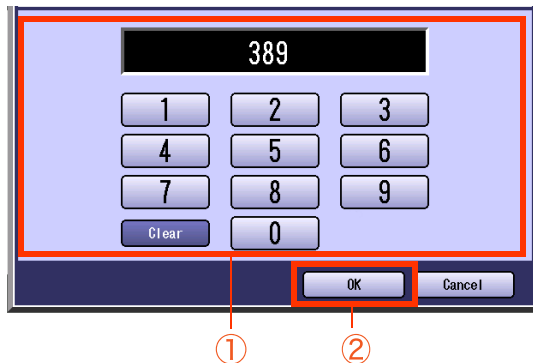
8 Select "15 LDAP Server Name".



9 Enter the LDAP Server Name (up to 60 characters), and then select "OK".



10 Enter the Port Number (up to 5 digits), and then select "OK".



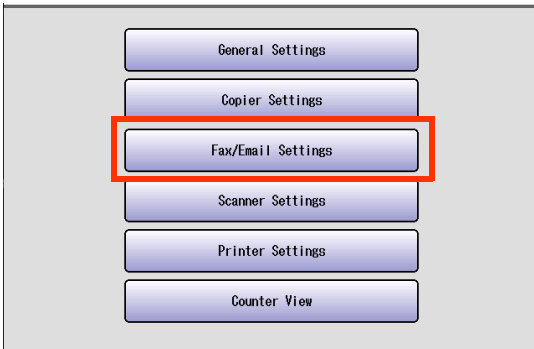
- Advance to 17 LDAP User Name, 18 LDAP Password, 19 LDAP Search Base. (See page 49)

LDAP Server IP (User parameter 16)

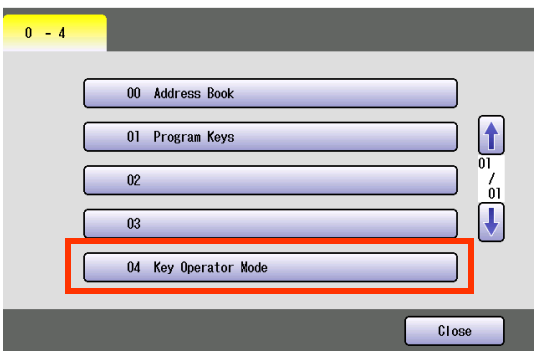
This setting is required only when “29 DNS Server Address” in General Settings is set to “No”.

When the setting is “Yes” set “15 LDAP Server Name”. (See page 46)

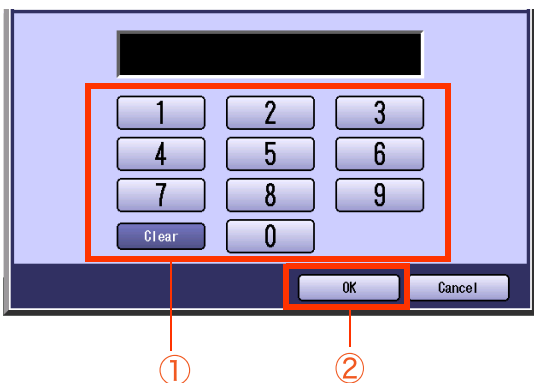
- 1 Press the **Function** key.
- 2 Select “**Fax/Email Settings**”.



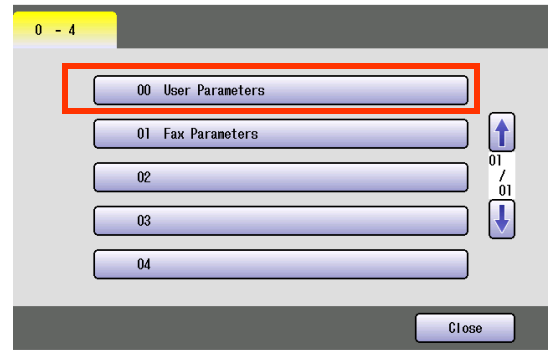
- 3 Select “**04 Key Operator Mode**”.



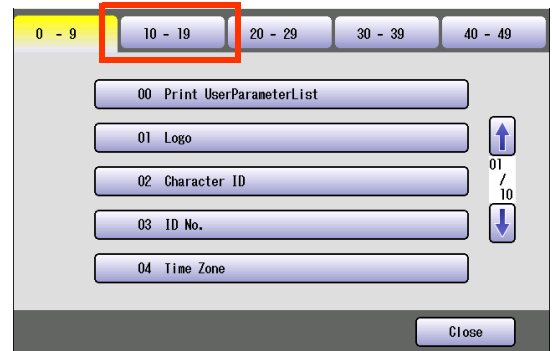
- 4 Enter the Identification Code (4-digit), and then select “**OK**”.



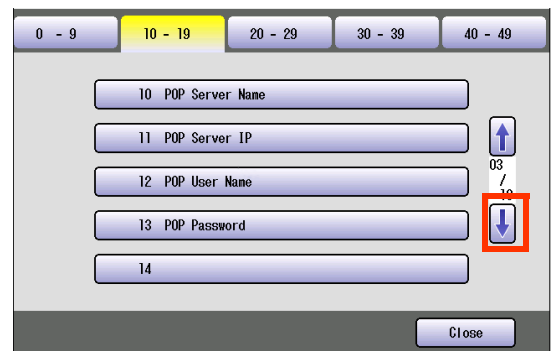
- 5 Select “**00 User Parameters**”.



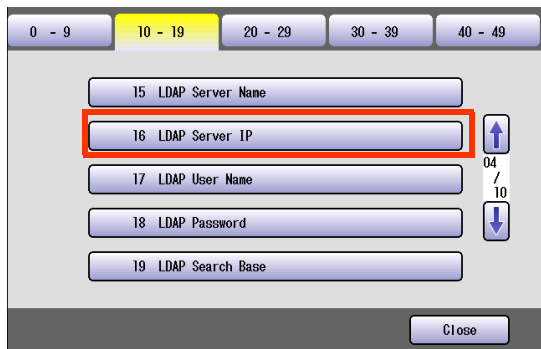
- 6 Select “**10-19**”.



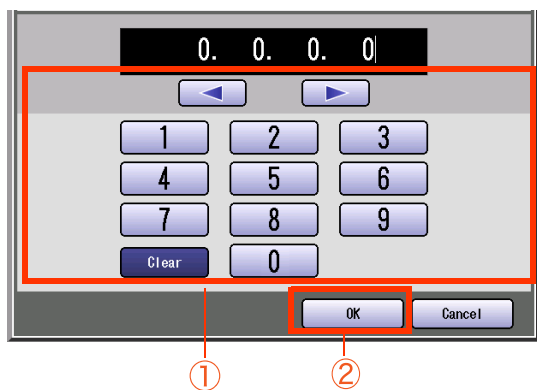
- 7 Select .



8 Select “16 LDAP Server IP”.



9 Enter the LDAP Server IP Address (3-digit x 4), and then select “OK”.



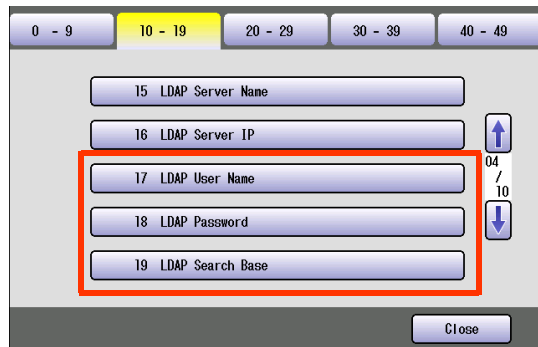
10 Enter the Port Number (up to 5 digits), and then select “OK”.



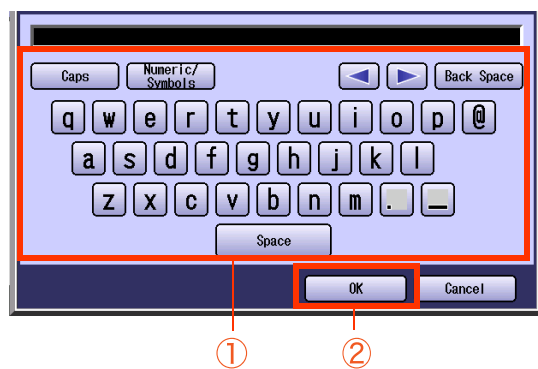
- Advance to “17 LDAP User Name”, “18 LDAP Password”, “19 LDAP Search Base”.

LDAP User Name
LDAP Password
LDAP Search Base
(User parameters 17, 18 and 19)

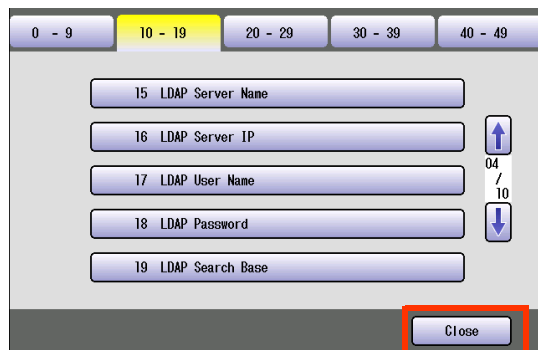
1 Select “17 LDAP User Name”, “18 LDAP Password”, and “19 LDAP Search Base”.



2 Enter LDAP User name (up to 40 characters), Password (up to 10 characters) and Search Base (up to 60 characters), and then select “OK”. (Ex: LDAP Search Base screen)



3 Select “Close”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Example : Receive to Memory

Receive to Memory secures all received originals by storing them into memory.

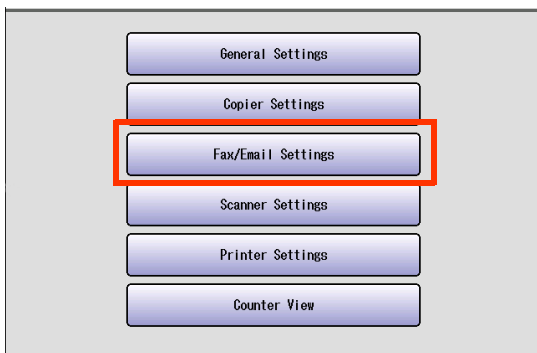
To print the original(s) received in memory, the Key Operator must enter the correct password.

The procedure of setting Receive to Memory is described below.

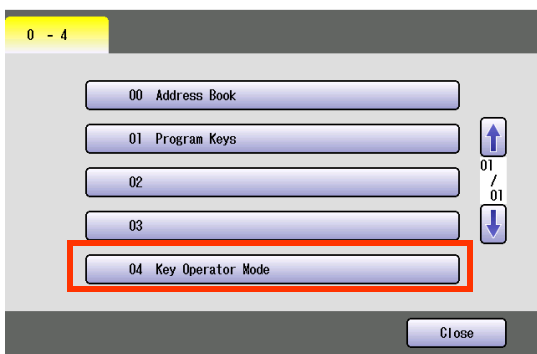
NOTE

For memory reception, refer to **Receive to Memory** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

- 1 Press the **Function** key.
- 2 Select **"Fax/Email Settings"**.



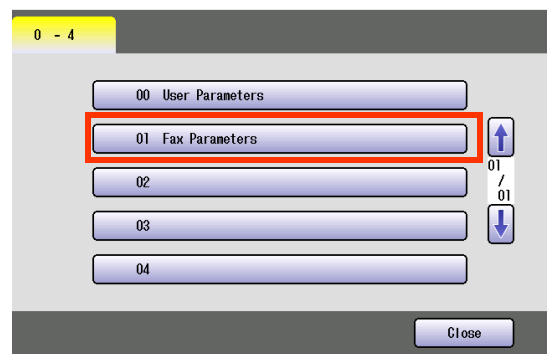
- 3 Select **"04 Key Operator Mode"**.



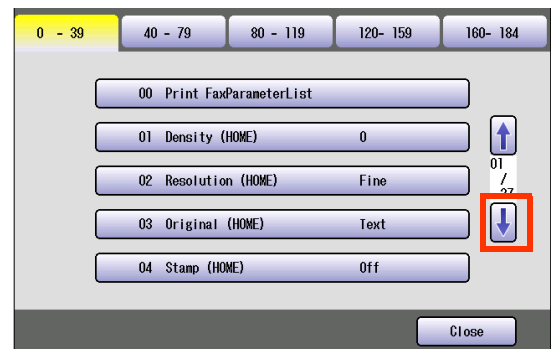
- 4 Enter the Identification Code (4-digit), and then select **"OK"**.



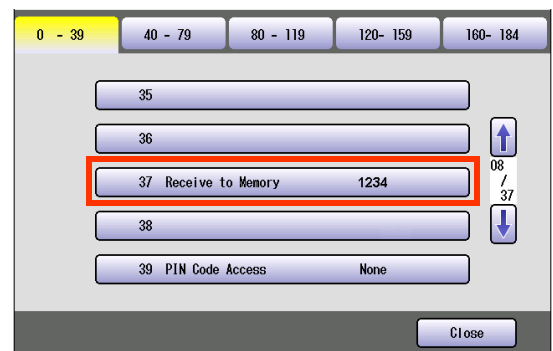
- 5 Select **"01 Fax Parameters"**.



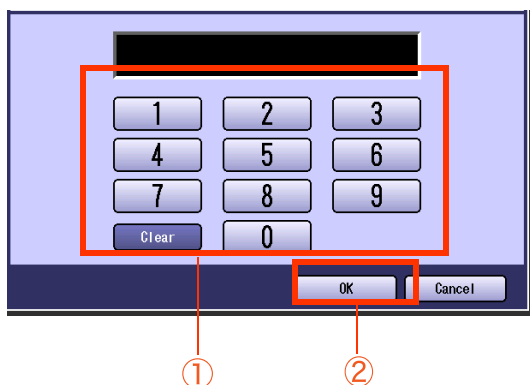
- 6 Select **↓** (7 times).



- 7 Select **"37 Receive to Memory"**.

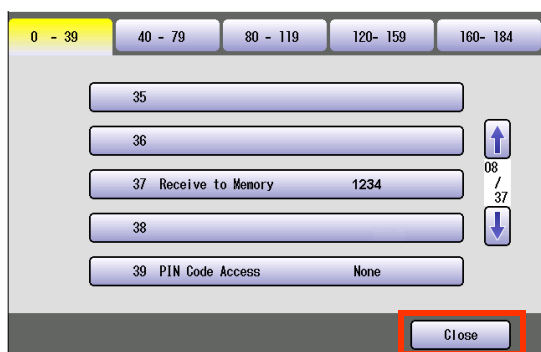


- 8 Enter the Identification Code (4-digit), and then select “OK”.
(Ex: 1234)



- If you have made an input error, select “Clear” on the screen to delete all characters at a time.

- 9 Select “Close”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Example : Password-Transmit / Password-Receive

Password-Transmit : Send the original only when the recipient password matches the sender's password.

Password-Receive : Receive the original only when the sender's password matches the recipient password.

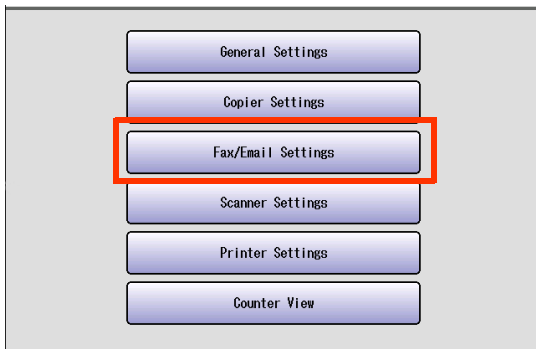
For setting the Password-Transmit / Password-Receive, set "43 Password-Transmit" or "44 Password-Receive" to "On" and follow the procedure described below.

NOTE

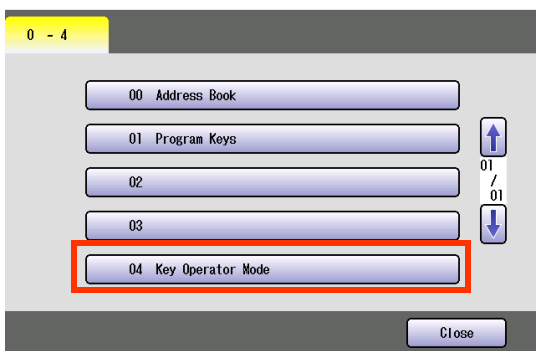
For password-transmit, refer to **Password Communication** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

For password-receive, refer to **Convenient Reception Features** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

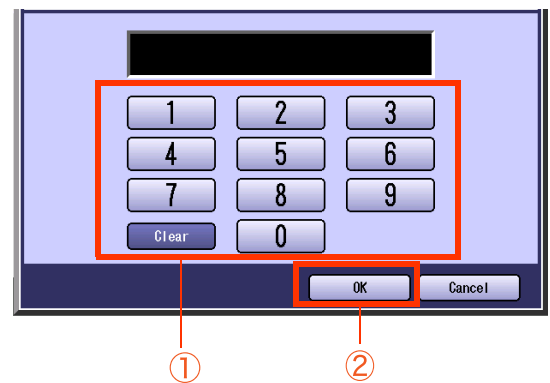
- 1 Press the **Function** key.
- 2 Select "Fax/Email Settings".



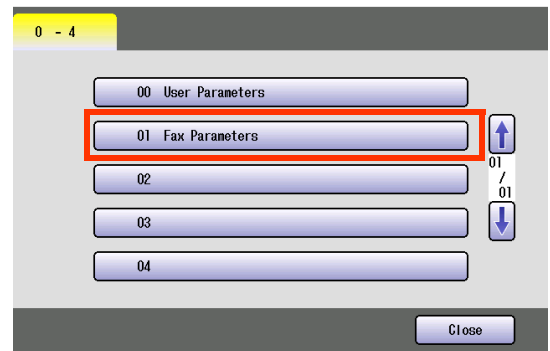
- 3 Select "04 Key Operator Mode".



- 4 Enter the Identification Code (4-digit), and then select "OK".



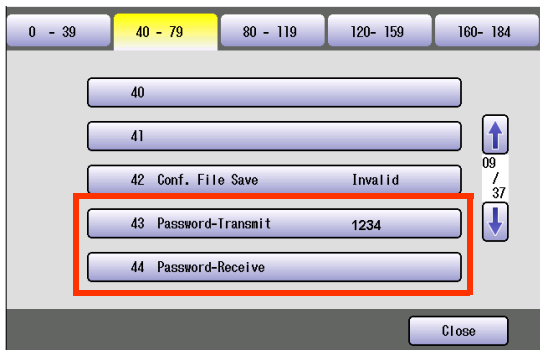
- 5 Select "01 Fax Parameters".



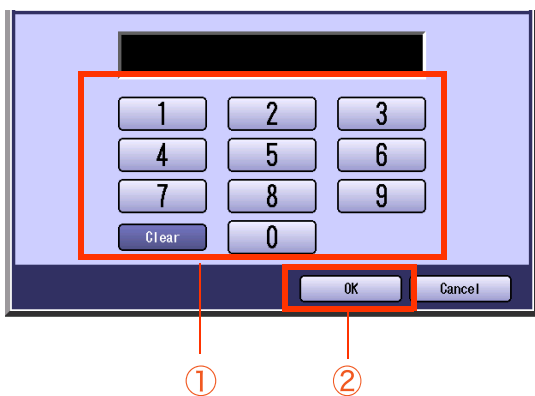
6 Select “40-79”.



7 Select “43 Password-Transmit” or “44 Password-Receive”.

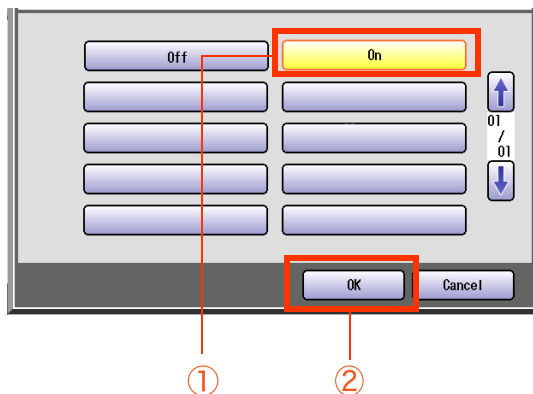


8 Enter the Identification Code (4-digit), and then select “OK”.
(Ex: Password-Transmit screen, password:5678)

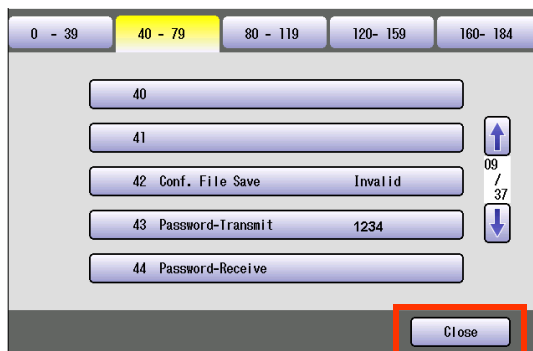


- If you have made an input error, select “Clear” on the screen to delete all characters at a time.

9 Select “On”, and then select “OK”.



10 Select “Close”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

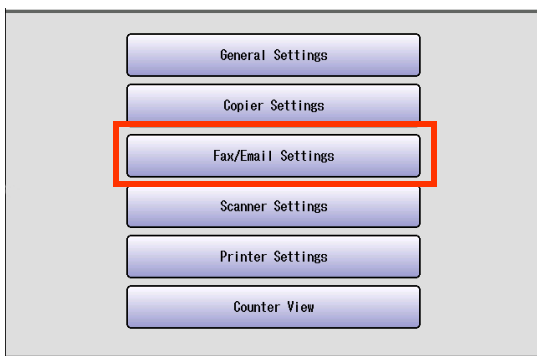
Example : Select Receive

Select Receive can prevent the receiving of unnecessary originals (Ex: junk fax, direct mail, etc.). The procedure of setting Select Receive is described below.

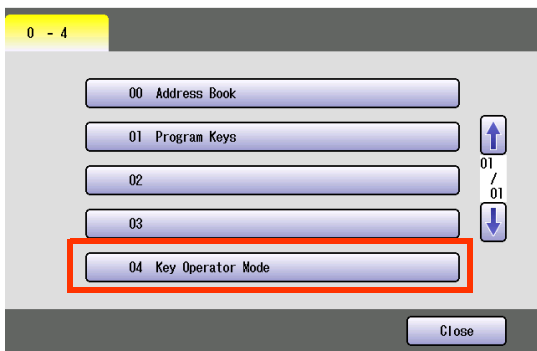
NOTE

For more details about Select Receive, refer to **Convenient Reception Features** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

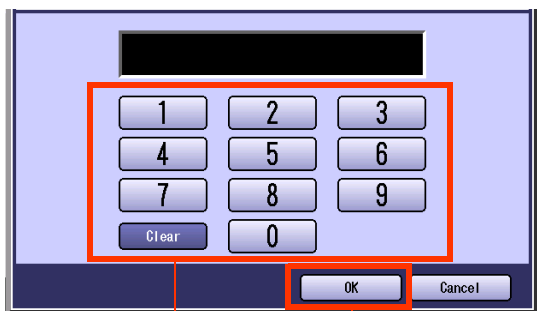
- 1 Press the **Function** key.
- 2 Select **"Fax/Email Settings"**.



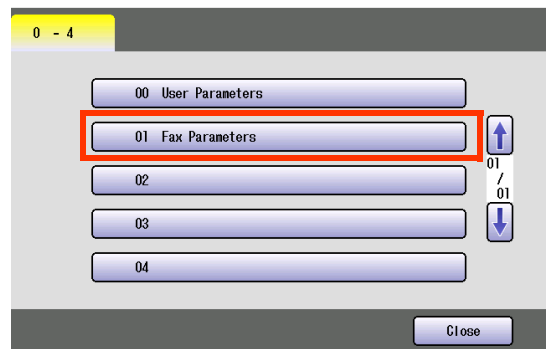
- 3 Select **"04 Key Operator Mode"**.



- 4 Enter the Identification Code (4-digit), and then select **"OK"**.



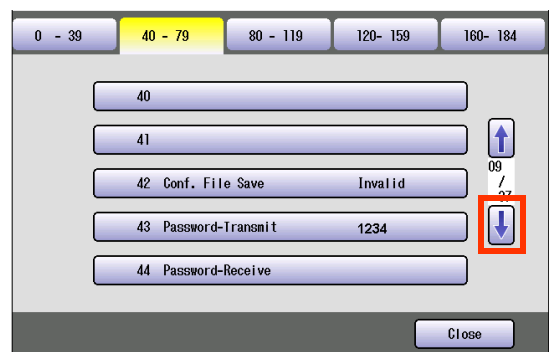
- 5 Select **"01 Fax Parameters"**.



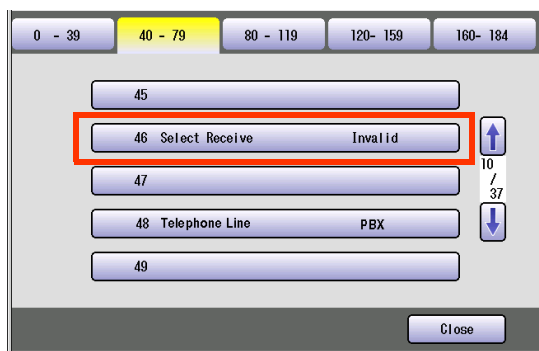
- 6 Select **"40-79"**.



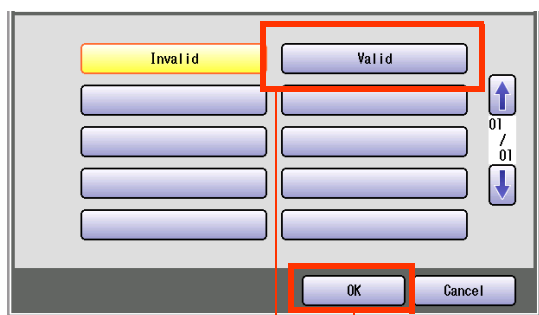
- 7 Select **↓**.



8 Select "46 Select Receive".



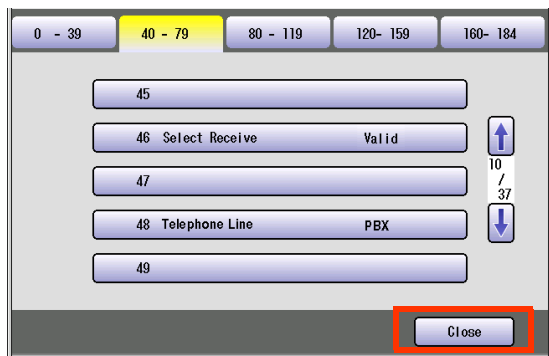
9 Select "Valid", and then select "OK".



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10 Select "Close".



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Example : Initial Sending Station (LAN Relay)

The following settings are required for selecting whether the machine performs LAN Relay XMT Request:

Enabling the LAN relay request function	Fax parameter 140: LAN RLY XMT Request
Setting the LAN relay password	User parameter 36: Relay XMT Password
Setting the manager's Email Address	User parameter 37: Manager's Email Addr

Set the above items according to the descriptions.

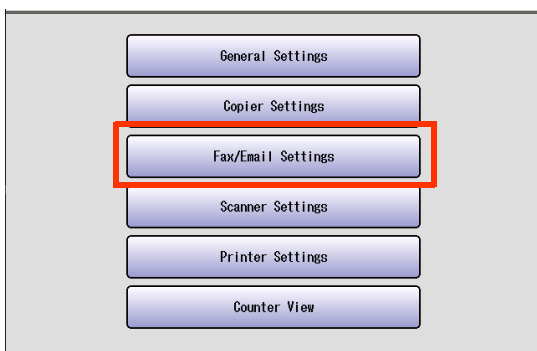
NOTE

For more details about Initial Sending Station (LAN Relay), refer to **Use the Relay Feature** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

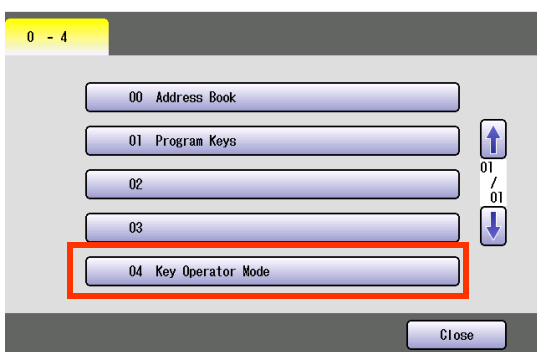
LAN RLY XMT Request (Fax parameter 140)

Set the LAN relay transmission request function.

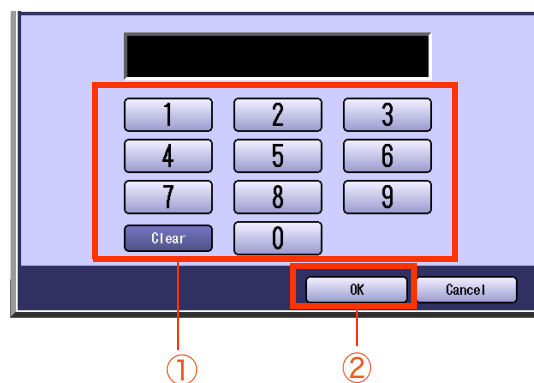
- 1 Press the **Function** key.
- 2 Select **"Fax/Email Settings"**.



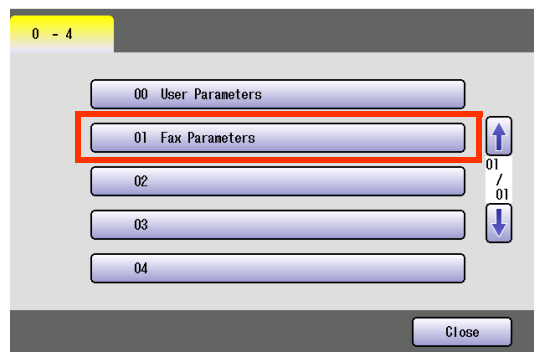
- 3 Select **"04 Key Operator Mode"**.




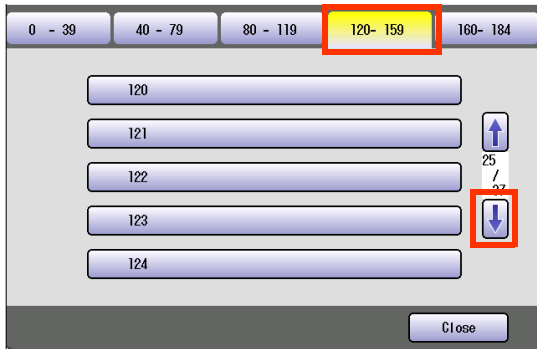
- 4 Enter the Identification Code (4-digit), and then select **"OK"**.



- 5 Select **"01 Fax Parameters"**.



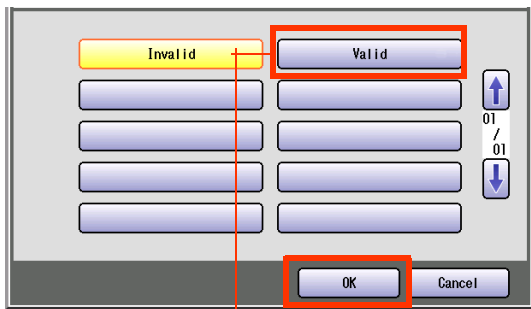
6 Select "120-159", and then select  (4 times).



7 Select "140 LAN RLY XMT Request".



8 Select "Valid", and then select "OK".



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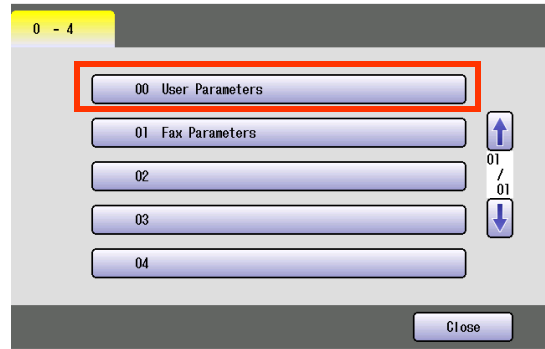
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9 Select "Close".

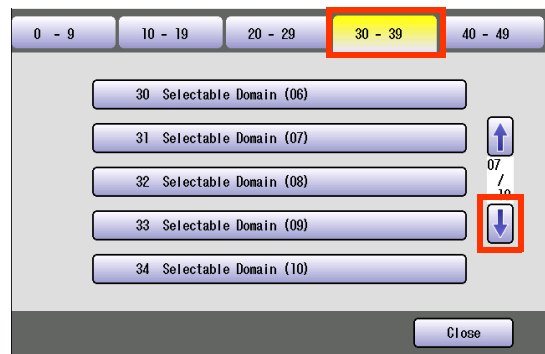


Relay XMT Password (User parameter 36)

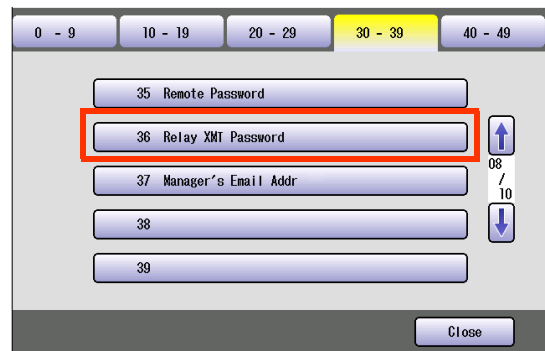
1 Select "00 User Parameters".



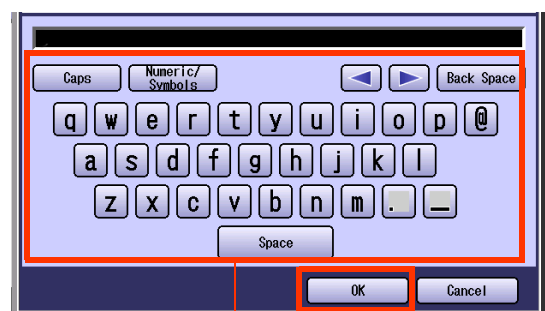
2 Select "30-39", and then select .



3 Select "36 Relay XMT Password".



4 Enter the Password (up to 10 characters), and then select "OK".



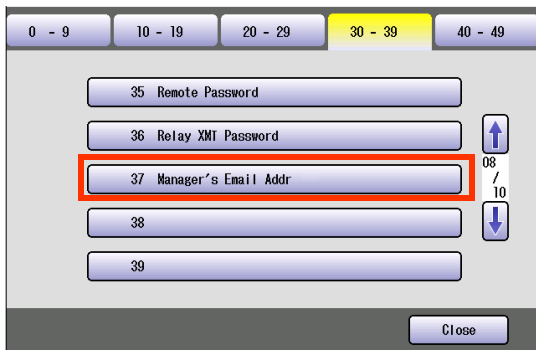
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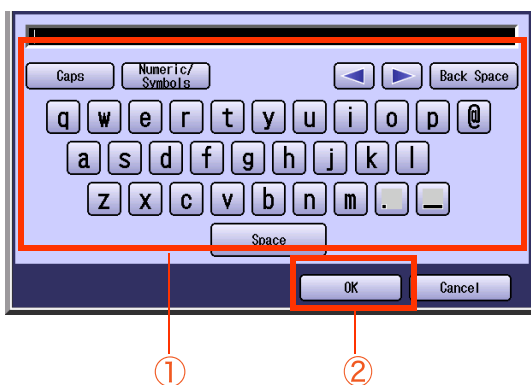
Manager's Email Addr (User parameter 37)

Enter the Department Manager's Email Address for notification of all Internet relayed transmissions for supervision and cost control purposes.

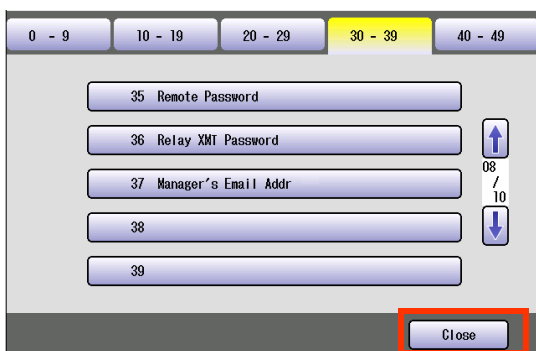
1 Select "37 Manager's Email Addr".



2 Enter the Email Address (up to 60 characters), and then select "OK".



3 Select "Close".



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Memo

Example : Relay Station (LAN Relay)

To set up your machine as a Relay Station, the following settings are required:

Enabling the LAN Relayed Transmission function	Fax parameter 142: Relay XMT
Setting the Communication Journal	Fax parameter 143: Relay XMT Report
Setting the LAN Relay Password	User parameter 36: Relay XMT Password
Setting Relay Domains	User parameters 40 to 49: Relay Domains 01 to 10

Set the above items according to the descriptions.

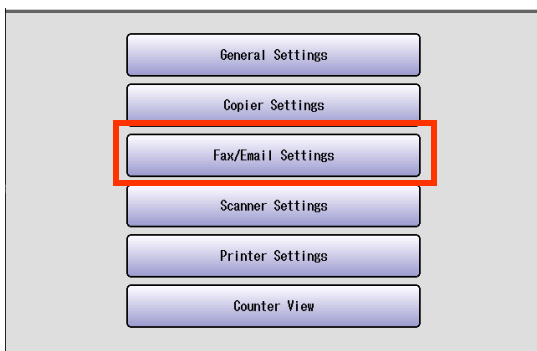
NOTE

For more details about Relay Station (Lan Relay), refer to **Use the Relay Feature** in the Operating Instructions (For Facsimile and Internet Fax) on the provided CD-ROM.

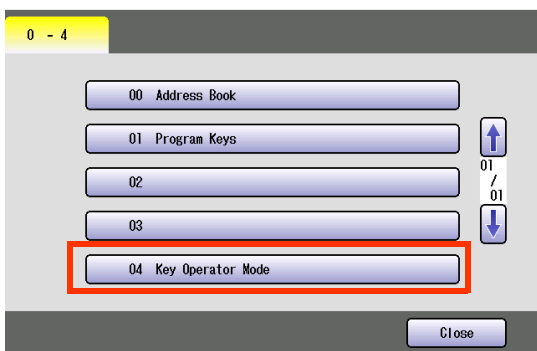
Relay XMT (Fax parameter 142)

Set the LAN Relay Transmission function.

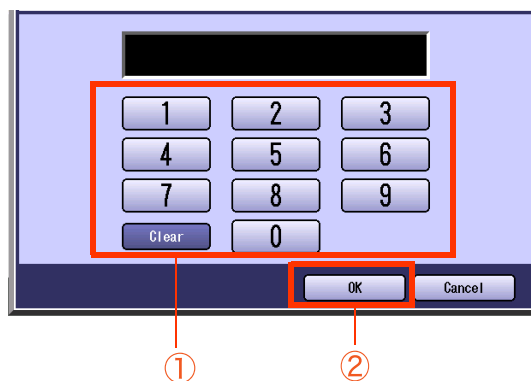
- 1 Press the **Function** key.
- 2 Select **"Fax/Email Settings"**.



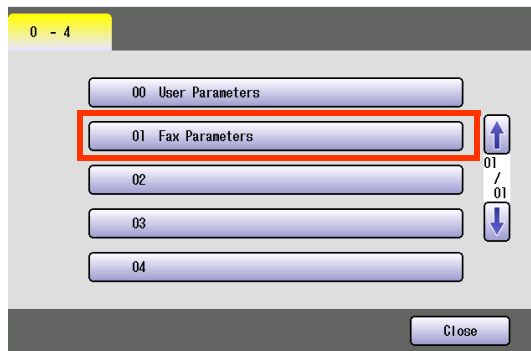
- 3 Select **"04 Key Operator Mode"**.




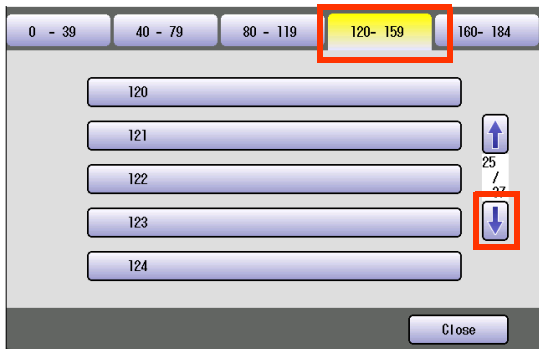
- 4 Enter the Identification Code (4-digit), and then select **"OK"**.



- 5 Select **"01 Fax Parameters"**.



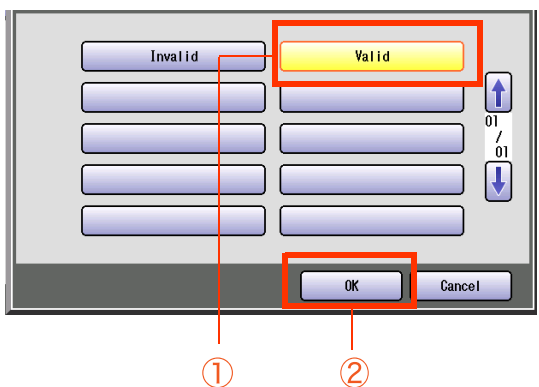
6 Select "120-159", and then select  (4 times).



7 Select "142 Relay XMT".



8 Select "Valid", and then select "OK".



● Advance to **Relay XMT Report (Fax parameter 143)** (see page 61), and set the relay XMT report.

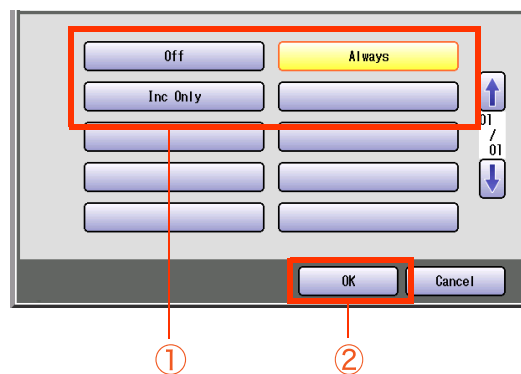
Relay XMT Report (Fax parameter 143)

Selecting how the Relay XMT Report is sent to the originator.

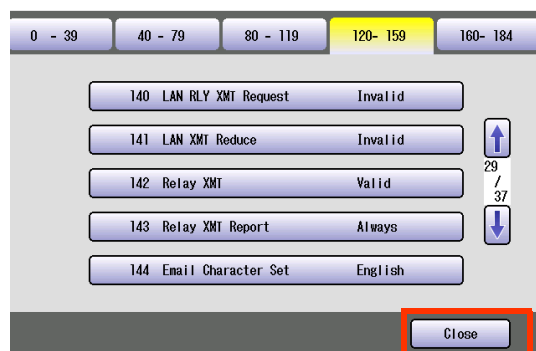
1 Select "143 Relay XMT Report".



2 Select how the Relay XMT Report is sent, and then select "OK".



3 Select "Close".

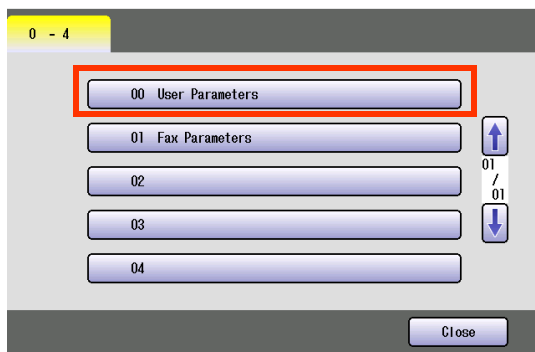


● Advance to **Relay XMT Password (User parameter 36)** (see page 62), and set the relay transmission password.

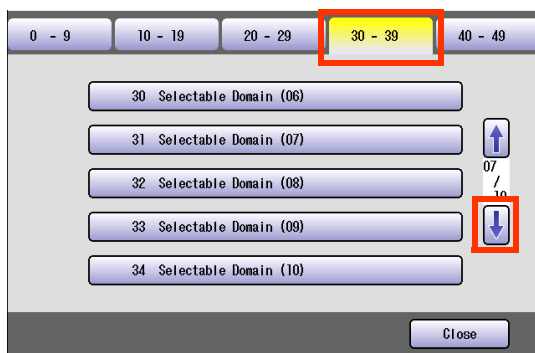
Relay XMT Password (User parameter 36)

Enter a Relay XMT Password (up to 10 characters) to be used for protection against unauthorized (outside) stations from accessing your machine to relay messages to a G3 fax machine via PSTN. This password should be given out to authorized personal only.

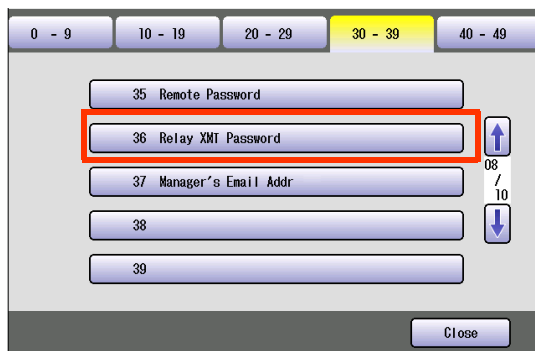
1 Select "00 User Parameters".



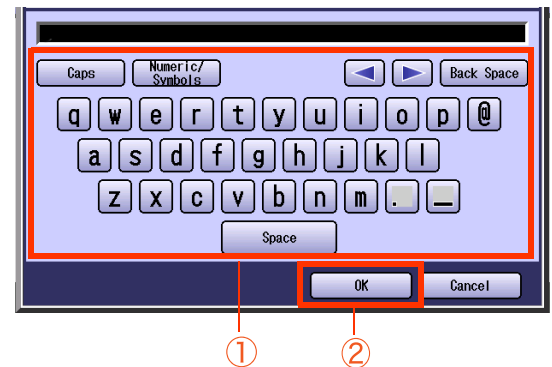
2 Select "30-39", and then select ↓.



3 Select "36 Relay XMT Password".



4 Enter the Password (up to 10 characters), and then select "OK".

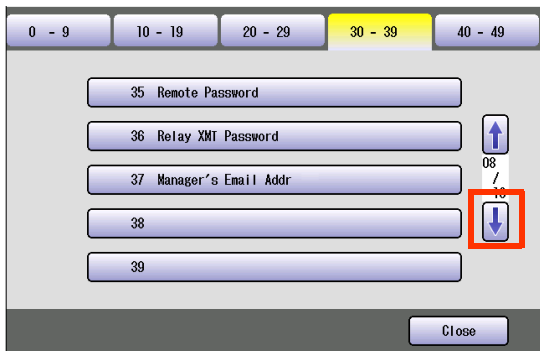


- Advance to **Relay Domain 01 to 10 (User parameters 40 to 49)** (see page 63), and set the Relay Domains.

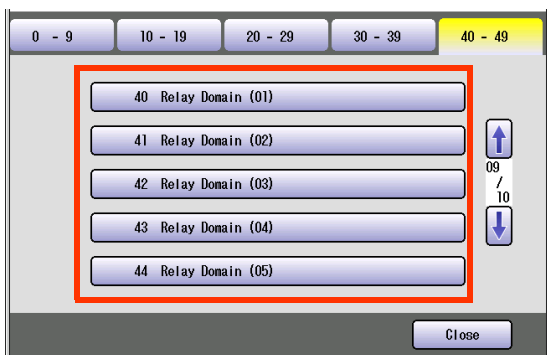
Relay Domain 01 to 10 (User parameters 40 to 49)


Enter up to 10 Domain Name(s) that have been authorized to access your Internet Fax for Relayed XMT Request.

1 Select .

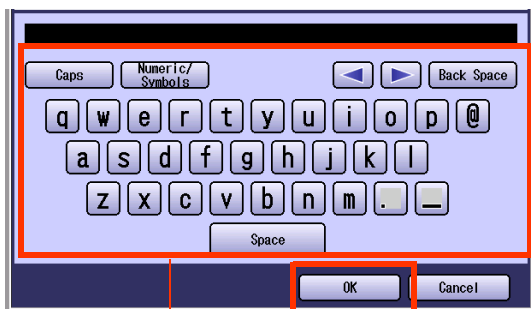


2 Select domain names from “40 Relay Domain (01)” to “49 Relay Domain (10)”. (Up to 10 domain names)



- Select  to select from “45 Relay Domain (06)” to “49 Relay Domain (10)”.

3 Enter a LAN relay domain name, and then select “OK”. (Up to 30 characters)



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4 Select “Close”.



- After setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Scanner Settings

In Scanner User Mode, the following items can be changed.

NOTE

For details about address book registration, refer to **Editing the Address Book** in the Operating Instructions (For Scanner and Email) on the provided CD-ROM.

Scanner User

No.	Parameter	Comments	Selective Item	Standard Setting	
0-9	00	Print Scanner Addr List	Print a Scanner Addr List.	Stop, Start	Start
	01	Original Mode Default	Set the default of Original Mode.	Text, T/P (Text/Photo), Photo	T/P
	02	Colour Mode Default	Set the default of Colour Mode.	Colour, Grey, Black	Colour
	03	Density Default	Set the default density.	-3 to +3	0
	04	Background Removal	Set the default of Background Removal.	Background Removal : Off, Level1 to Level6	Level3
	05	Contrast Default	Set the default contrast.	-3 to +3	0
	06	Compression Mode (Black)	Set the default compression of black-and-white image.	MH, MR, MMR, JBIG	MMR
	07	Compression Mode (Colour)	Set the default compression of full-colour image.	Standard, Speed, Quality	Standard
	08	Compress. Mode (Grey)	Set the default compression of grey-scale image.	Standard, Speed, Quality	Standard
	09	File Type (Black)	Set the default file type of black-and-white image.	TIFF, PDF	PDF
10-19	10	File Type (Colour / Grey)	Set the default file type of full-colour or grey-scale image.	JPEG, PDF, Comp. PDF	JPEG
	11	Resolution Def. (BK)	Set the default resolution of black-and-white image.	200dpi, 300dpi, 400dpi, 600dpi	300dpi
	12	Resolution Def. (Cl/Gr)	Set the default resolution of colour or grey-scale image.	200dpi, 300dpi, 400dpi, 600dpi	200dpi
	13	Job Build and SADF Mode	Set the default of Job Build and SADF.	No, Yes	No
	14	2-Side Orig. Bound Edge	Set the default bounding position on 2-sided original.	Long, Short	Long

Scanner User

No.		Parameter	Comments	Selective Item	Standard Setting
10-19	15	Add New Address	Append a computer IP Address to the address book.	Refer to Editing the Address Book in the Operating Instructions (For Scanner and Email) on the provided CD-ROM.	
	16	Add New Email Address	Append an Email Address to the address book.		
	18	Edit Address Book	Edit a computer IP Address in the address book.		
	19	Edit Address Book: Email	Edit an Email Address in the address book.		
20-29	20	Delete Address	Delete a computer IP Address from the address book.		
	21	Delete Address: Email	Delete an Email Address from the address book.		
	25	Edit Image Box Name	Edit an image box name. ● When the data is stored in the image box, the name can not be changed.		
	29	Key Operator Mode	Enter the Key Operator identification code to display the Key Operator Menu. (See page 65)		

Key Operator

Screen Tab No.		Modes	Function	Item	Standard Setting
0-4	00	Print Scanner Settings	Print a Scanner Settings list.	Stop, Start	Start
	01	Delete All Image Files	Delete all image files.	_____	

Printer Settings

In Printer User Mode, the following items can be changed.

For printing, however, these settings are almost unnecessary because the computer application software is usually used to setup printing.

Settings by computer application software have priority over the ones in this machine. If the Printer Settings in the machine are required, consult with a computer literate person. After printing, it is recommended to reset the settings to the default values.

Printer User

No.	Parameter	Comments	Selective Item	Standard Setting	
0-9	00	Number of Prints	Set the number of prints.	1 - 999	1
	01	Paper Size	Set the paper size.	A3, B4, A4, B5, A5, 11x17, Legal, 8.5x11, 5.5x8.5, 8x13, 8.5x13, 12x18, Custom	A4
	02	Paper Tray	Set the paper tray. ● Tray 3 or 4 is available when the optional Paper Tray is installed.	Auto, Bypass, Tray 1, Tray 2, Tray 3, Tray 4	Auto
	03	Print Direction	Set the printing direction.	Portrait, Landscap(e)	Portrait
	05	2-Sided Print	Set duplex printing.	Off, On	Off
	06	Bound Edge	Set the bounding position.	Long, Short	Long
	07	Resolution	Set the resolution.	1200dpi, 600dpi	600dpi
	08	Font (PCL)	Set the font (PCL).	0 - 99*	0
	09	Symbol Table (PCL)	Set the symbol table (PCL).	0 - 35*	11
10-19	10	Pitch (PCL)	Set the pitch (PCL).	00.44 to 99.99*	10.00
	11	Point Size (PCL)	Set the point size (PCL).	004.00 to 999.75*	012.00
	12	Lines/Page (PCL)	Set the number of lines per page (PCL).	5 to 123*	60
	13	Return Character (PCL)	Set the return character (PCL).	CR, CR+LF	CR
	14	Mutual A4/LTR	Set A4 and LTR(Letter) substitute printing.	Off, On	Off

* Select "Input", and then enter the desired value.

Printer User

No.		Parameter	Comments	Selective Item	Standard Setting
10-19	15	Mailbox Memory Status	Display the status of remaining memory and remaining mailbox.	_____	
	16	Print Data	Print the specified data.	Stop, Start	Stop
	17	PDF Password Input	Set value to "On" to add a PDF password.	Off, On	Off
	18	SD Print Colour Mode	Set colour mode for SD card printing.	Colour, Black	Colour
20-29	20	Custom Size Unit	Set the user-defined unit.	mm, inch	mm
	21	Custom X Size	Set the user-defined size in the X direction.	100 to 305 (mm)*	305 (mm)
	22	Custom Y Size	Set the user-defined size in the Y direction.	148 to 457 (mm)*	457 (mm)
	23	Wide A4	Set whether to use Wide A4.	Off, On	Off
	25	Mono Page Detect	Set whether to use Mono Page Detect.	Off, On	On
	26	Toner Save	Set whether to use Toner Save mode.	Off, On	Off
	27	Auto Contrast Mode	Set whether to use auto contrast mode.	Off, On	Off
	29	Key Operator Mode	Enter the Key Operator identification code to display the Key Operator Menu. (see page 68)	_____	0000

* Select "Input", and then enter the desired value.

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting	
0-14	00	Print Printer Settings	Print a Printer Settings list.	Stop, Start	Start
	01	Job Completion Time	Set the time-out period if the machine does not receive a print signal from the computer for a specified time. Select "Input" and enter the job completion time.	1 to 999 (Sec)	180 (Sec)
	02	Page Protection	Set value to "On" to use page protection.	Off, On	Off
	03	Error Page Print	Set "On" to print the data of an error job.	Off, On	On
	04	Spool Function	Set "On" to set the spool function.	Off, On	On
	05	Text Print	Set "On" to print a text with no pictures.	Off, On	On
	07	Font List Print (PCL)	Print the PCL font list.	Stop, Start	Stop
	08	Font List Print (PS)	Print the PS font list. ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed.	Stop, Start	Stop
	09	Mailbox Data Holding	When the optional hard disk is installed, set the limit of storing the data in the mailbox. When "Infinity" is set, data is not deleted.	Infinity, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 7 days	7 days
	10	Delete Mailbox Data	Select the mailbox data to be deleted. ● All All data is deleted from the mailbox. ● Before Deletes the data which is received before the specified date.	All, Before	Before
	11	Print Queue Delete	Set the person who can delete the print job. ● Free Any operator can delete the print job. ● Key Op. Only Key Operator can delete the print job.	Free, Key Op.	Key Op.

Key Operator

No.		Parameter	Comments	Selective Item	Standard Setting
0-14	14	Printer Language	Set a printer language. <ul style="list-style-type: none"> • Auto The machine prints received data by automatically judging its printer language. • PCL The machine prints received data by regarding its printer language as PCL. • PS The machine prints received data by regarding its printer language as PostScript. ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed. 	Auto, PCL, PS	Auto
15-29	18	AppleTalk	Set “On” to use AppleTalk. * <ul style="list-style-type: none"> ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed. 	Off, On	On
	19	AppleTalk Zone Name	Set the AppleTalk zone name. * <ul style="list-style-type: none"> ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed. 	Up to 31 characters	_____
	20	AppleTalk Printer Name	Set the AppleTalk printer name. * <ul style="list-style-type: none"> ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed. 	Up to 31 characters	_____
	21	AppleTalk Type Name	The machine detects and display the AppleTalk Type Name on the Touch Panel. * <ul style="list-style-type: none"> ● Apple Talk Type Name is displayed only, but cannot be set. ● When the optional Printer Controller Module (for Adobe® PostScript® 3™) is installed. 		_____
	22	NetWare	Set “On” to use NetWare. *	Off, On	Off
	23	NetWare Frame Type	Set the NetWare frame type. *	802.3, 802.2, Ether-II, SNAP	802.2

* No. 18 to 23
After setting, turn the machine’s power switch Off, and then On again.

Key Operator

No.	Parameter	Comments	Selective Item	Standard Setting
24	Selected Frame Type	The machine detects and display the Frame Type on the Touch Panel. ● Frame Type is displayed only, but cannot be set.		
15-29	25	NetWare Mode Select NetWare mode. * • Pserver The machine is used as Print Server and prints the waiting job stored in the machine. • Rprinter The machine is used as Remote Printer and prints data which is sent from Print Server.	Pserver, Rprinter	Pserver
	26	NetWare Printer Name Set the NetWare printer name. *	Up to 31 characters	
	27	Print Server Name Set the print server name. *	Up to 31 characters	
	28	Print Server Password Set the print server password. *	Up to 31 characters	
	29	Job Polling Time Set the job polling time. * Select "Input" and enter the job polling time.	2-255 (Sec)	4 (Sec)
30-44	30	Bindery Mode Set Bindery Mode when using the NetWare. *	Off, On	Off
	31	File Server Name 1 Set file server names. Up to eight names can be set. *	Up to 31 characters	
	32			
	33			
	34			
	35			
	36			
	37			
	38			
	39	NDS Tree Set the tree. *	Up to 31 characters	
	40	NDS Context Set the context. *	Up to 77 characters	

* No. 25 to 40
After setting, turn the machine's power switch Off, and then On again.

Key Operator

No.		Parameter	Comments	Selective Item	Standard Setting
30-44	41	Print Server Name 1	Set print server names. Up to * 8 names can be set.	Up to 31 characters	
	42	Print Server Name 2			
	43	Print Server Name 3			
	44	Print Server Name 4			
45-54	45	Print Server Name 5			
	46	Print Server Name 6			
	47	Print Server Name 7			
	48	Print Server Name 8			
	49	Job Time Out	Set the job time out. * Select " Input " and enter the job time out.	4-255 (Sec)	10 (Sec)
	53	SD/Direct Use Sort Mem.	Set the direct sort memory.	Off, On	On

* No. 41 to 49
After setting, turn the machine's power switch Off, and then On again.

Counter View

“Counter View” allows to confirm the number of prints, etc.

The Counter View items are listed below.

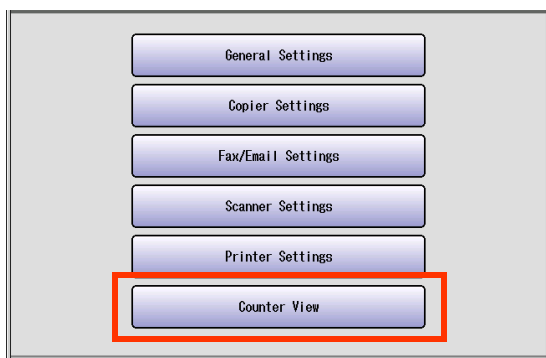
No.	Parameter	Comments	
0-9	00	BK Total Print Count	Count numbers of Black Print.
	01	1C Total Print Count	Count numbers of Mono Colour Print.
	02	2C Total Print Count	Count numbers of 2-Colour Print.
	03	4C Total Print Count	Count numbers of 4-Colour Print.
	05	Scanner Count (Flatbed)	Count numbers of Scanning (Flatbed).
	06	Scanner Count (ADF)	Count numbers of Scanning (ADF).
	07	PC Print Count BK	Count numbers of PC Black Print.
	08	PC Print Count 4C	Count numbers of PC 4-Colour Print
	09	Fax Print Count	Count numbers of Fax Print.
10-19	10	Yellow Drum Unit	Usage rate of Drum Unit (Yellow).
	11	Magenta Drum Unit	Usage rate of Drum Unit (Magenta).
	12	Cyan Drum Unit	Usage rate of Drum Unit (Cyan).
	13	Black Drum Unit	Usage rate of Drum Unit (Black).
	15	Yellow Toner	Usage rate of Yellow Toner.
	16	Magenta Toner	Usage rate of Magenta Toner.
	17	Cyan Toner	Usage rate of Cyan Toner.
	18	Black Toner	Usage rate of Black Toner.
20-29	20	Yellow Image Area(Last)	Ratio of Yellow Image Area in the last original.
	21	Magenta Img. Area(Last)	Ratio of Magenta Image Area in the last original.
	22	Cyan Image Area(Last)	Ratio of Cyan Image Area in the last original.
	23	Black Image Area(Last)	Ratio of Black Image Area in the last document.
	25	Yellow Image Area(Avg.)	Average rate of yellow image area.
	26	Magenta Img. Area(Avg.)	Average rate of magenta image area.
	27	Cyan Image Area(Avg.)	Average rate of cyan image area.
	28	Black Image Area(Avg.)	Average rate of black image area.
30-39	30	Clear Toner Counter Y	Clear count numbers of Toner Counter (Yellow).
	31	Clear Toner Counter M	Clear count numbers of Toner Counter (Magenta).
	32	Clear Toner Counter C	Clear count numbers of Toner Counter (Cyan).
	33	Clear Toner Counter BK	Clear count numbers of Toner Counter (Black).

Example : Clear Toner Counter

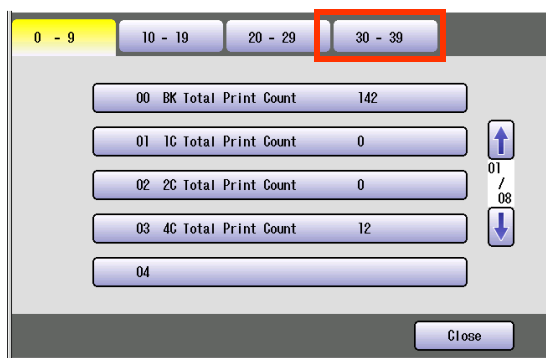
The following procedure is required after replacing the Toner Cartridge.

1 Press the **Function** key.

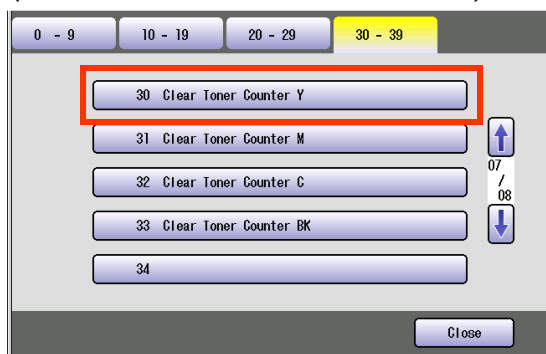
2 Select **“Counter View”**..



3 Select **“30-39”**.

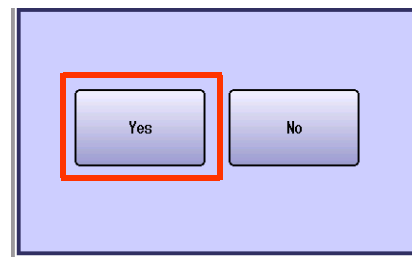


4 Select **“30 Clear Toner Counter Y”**.
(Ex : Clear Yellow Toner Counter)



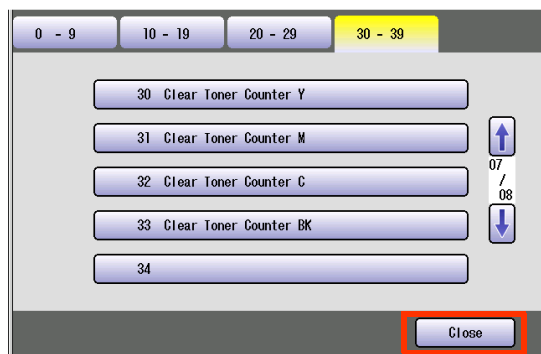
● Select the desired colour of Toner Counter.

5 Select **“Yes”** to clear the Toner Counter.



● When clearing other colour of toner counter, repeat steps 4 and 5.

6 Select **“Close”**.



● After Setting up the function(s), press the **Reset** key to return the machine to the initial screen of the current active mode.

Glossary

Term	Meaning
10Base-T/ 100Base-TX	An Ethernet standard for cable. The 10/100 refers to its 10/100 Mbps bandwidth, the base to single baseband, and the T to the Twisted pair. The cable uses two pairs of unshielded twisted wires.
Address Book	The Address Book is a convenient directory that stores contact Telephone Numbers and Email Addresses for easy retrieval at a future time.
Address Book Dialling	A dialler that enables you to dial an entire Telephone Number/Email Address by pressing one key.
ADF (Automatic Document Feeder)	The mechanism that delivers a stack of document pages to the scanner one page at a time.
Automatic print reduction	The method of automatically reducing a received document so that it can be printed onto a standard size piece of plain paper. For example, your machine will reduce an incoming legal size page to 75% of its original size so it could fit on a letter size page.
Automatic Reception	The mode that allows you to receive fax documents without user intervention.
BPS (Bits Per Second)	The amount of data that is transmitted over the phone line. Your machine can start at each Max. Modem speed and automatically steps down to suitable speed depending on the phone line condition and the receiving machines capabilities.
CD-ROM	CD-ROM media is read-only media that holds about 650 MB of data. It's generally accepted as the easiest way to distribute software. CD-ROM drives can also read audio CDs even though they are in a different format than standard CD-ROM media.
Client	Clients are computers that run software programs used to contact and obtain data from Server software program on another computer, often across a great distance.
Coding method	The data compression method used by machines. Your machine utilizes Modified Huffman (MH), Modified Read (MR) and Modified Modified Read (MMR) and Joint Bi-level Experts Group (JBIG) coding methods.
DDS (Document Distribution System)	The Document Distribution System automatically distributes received data (Scanner data, data received via FAX, and data received via Internet Fax) to specified recipients via a predefined delivery mechanism. The system administrator uses the system to specify the delivery mechanisms and the recipients.
Density	Signifies the scanning sensitivity in terms of lightness and darkness of your original pages. The degree of colour or darkness of an image or photograph.
Dept. Code (Department Code)	This operation, require the user to input a preset number of digits (Department Code) before being given access to a function of the machine, such as transmission for example. The Department Name of selected Department Code is printed on the Header of each page sent, Cover Sheet, Comm. Journal and Individual Transmission Journal.
DHCP	Dynamic Host Configuration Protocol - a standard method for assigning IP addresses automatically to the devices on a TCP/IP network. As a new device connects, the DHCP server assigns an IP address from a list of available addresses. The device retains this IP address for the duration of the session - once the device disconnects the IP address becomes available for use again.

Term	Meaning
Direct Dialling	The method of dialling where you enter the entire telephone number or Email address through the keypad.
Direct SMTP	Allows iFax machines to communicate directly with each other within the Firewall (Intranet) without going through the Mail Server, thus alleviating the burden on the mail server.
Disk Drive	A peripheral storage device that holds, spins, reads and writes magnetic or optical disks. It may be a receptacle for disk cartridges, disk packs or floppy disks, or it may contain non-removable disk platters like most hard disks.
Domain Name	A unique name that identifies an Internet site. Domain Names always have 2 or more parts, separated by dots. The part on the left is the most specific, and the part on the right is the most general.
dpi	Abbreviation of dots per inch, which indicates the resolution of images. The more dots per inch, the higher the resolution. A common resolution for laser printers is 600 dots per inch. This means 600 dots across and 600 dots down, so there are 360,000 dots per square inch.
Drum	Along with the laser, this is one of the basic components of a laser printer. A light-sensitive drum on which the image is generated by the laser beam as the pattern of an electric charge. The toner particles adhere to this pattern after the drum has brushed against the developing roller. (a.k.a. OPC Drum)
DTMF (Dual Tone Multi Frequency)	Dialling method that sends a different set of frequencies for each digit of the telephone keypad. Commonly refers to touch tone dialling.
ECM (Error Correction Mode)	The ability to correct transmission errors as detected during the transmitting phone call.
Email Address	The address for sending and receiving data by Email. It consists of User name, Sub-domain name and Domain name.
Ethernet	A very common method of networking computers and equipment in a LAN. Ethernet can handle up to 100Mbps and can be used with almost any kind of computer.
Fax Board	In a multi-functional device, this is a Fax capability built onto a printed circuit board which can send and receive facsimiles. The multi-functional device is normally able to scan in a document and transmit it over a phone line to another fax machine. Also, it can receive faxes from other machines and print them out.
Fax Forward	The ability to forward all incoming faxes to the registered stations in the specified ABBR No.
Fax Parameter List	The list that contains the home fax parameters settings that you have programmed into your machine.
File	A task that has been stored into the memory of your unit. Examples are deferred transactions.
Fixed Reduction	The method that allows you to determine one reduction rate, such as 75%, for all incoming documents.
FTP	Short for File Transfer Protocol, the protocol for exchanging files over the Internet. FTP works in the same way as HTTP for transferring Web pages from a server to a user's browser and SMTP for transferring electronic mail across the Internet in that, like these technologies, FTP uses the Internet's TCP/IP protocols to enable data transfer. FTP is most commonly used to download a file from a server using the Internet or to upload a file to a server (e.g., uploading a Web page file to a server).
Function Keys	The key that will be utilized to begin an operation or configuration of a feature.

Term	Meaning
G3 (Group 3)	Refers to the standards and transmission capabilities of the current generation of facsimile machines.
Group Dialling	The ability to program many telephone numbers into a single station so that many locations can be dialled in sequence utilizing a single keystroke.
Halftone	A scanning technique to distinguish levels of grey from black and white.
Handshaking	The exchange of a group of control signals that communicate between the transmitter and receiver. These signals determine the condition at which communication can occur.
Hard Disk	This is commonly the slang term for a hard drive is closed and the disks are hard (usually metal). The closed system gives the possibility of A device that physically stores data in your multi-functional machine/ computer. It's much like a floppy disk, but the system more precision, so the drive is much faster and can hold much more data.
HDD (Hard Disk Drive)	The physical component of a PC which performs the basic operations on the hard disk-including rotating the disk & reading/writing data to the disk.
Header	A row of information that is transmitted by the sending machine and printed on the top of each page by the receiving unit. This identifies the transmitting unit and information about the transmission, such as time and date.
Homepage	The page that your Browser displays when it starts up or main web page for a business, organization, etc.
Host	Any computer on a network that is repository for services available to other computers on the network. A Host must have a unique Host name within a domain. The host is the first (left most) section of the Fully Qualified Domain Name (FQDN). The reminder of the FQDN is the domain and often tells you something about where your machine is located (i.e., at Panasonic) Ex: Your machine's Email address is: Fax@fax01.panasonic.com In the example above "fax01" is the host and "panasonic.com" is the domain.
Image Memory Size	This signifies the amount of memory available in your unit capable of storing pages of documents. All page units of measure are based on the ITU-T Image No.1.
Install	To add hardware or load a software application onto your multi-functional machine/computer.
Internet	The Internet is a vast collection of inter-connected networks that all use the TCP/IP protocols, on which you can send an electronic Email, chat to people electronically or search for information on almost any subject you care to think of. Quite simply it is a "network of computer networks".
Internet FAX	The Internet fax uses the Internet to send faxes. The transmission and reception take place via store-and-forward mode on the Internet using Internet Email. In store-and-forward mode the facsimile protocol "stops" at the gateway to the Internet and is reestablished at the gateway leaving the Internet.
Intranet	A private network inside a company or organization that uses the same kinds of software that you would find on the public internet, but that is only for internal use.
IP Address	A unique number used to identify equipment or host computers on the Internet.
ISP (Internet Service Provider)	An institution that provides access to the Internet in some form, usually for money.
ITU-T (C.C.I.T.T.)	International Telecommunication Union - Telecommunication, formerly known as C.C.I.T.T

Term	Meaning
ITU-T Image No.1	An Industry standard document that allows comparisons of the transmission speeds and capabilities of machines.
JPEG	Short for Joint Photographic Experts Group, and pronounced jay-peg. JPEG is a lossy compression technique for colour images. Although it can reduce files sizes to about 5% of their normal size, some detail is lost in the compression. JPEG is a graphical format that is widely used in WWW pages.
Key Name	An alternate to the station name that can be programmed for each Address Book dialling key.
Keypad	A group of numeric keys located on your Control Panel.
LAN (Local Area Network)	A Local Area Network is a computer network system and printer limited to an immediate area, such as an Office, Factory, and University used to integrate and exchange data.
LCD	Liquid Crystal Display. The display area of your machine.
MAC Address	It is the hardware address, often referred to as MAC (Media Access Control) address that is assigned to the equipment. MAC address is hard-coded and is not configurable. The MAC address consists of 6 hexadecimal numbers separated by colons. Ex: 00:00:c0:34:f1:50
Mail Gateway IP Address	The Address of the Mail Server. The Internet Fax communicates with your existing Mail Server for all communication traffic.
Mailing List	A system that allows people to send an Email to one address, whereupon their message is conveyed to multiple subscribers on the Mailing List.
Manual Reception	A mode that requires operator intervention to receive an incoming document.
MAPI (Messaging Application Program Interface)	Acronym for Message Application Programming Interface. A standard Windows interface for messaging that enables different mail programs and other mail-aware applications like word processors and spreadsheets to exchange messages and attachments with each other.
MDN (Message Delivery Notice)	This Message Delivery Notice (MDN) is the requested by the sender for a delivery processing confirmation indicating that the message (Email) was read.
Memory	The term memory identifies data storage that comes in the form of chips, which holds information that your machine needs to use. The word storage is used for memory that exists on disks.
Memory Transmission	The documents are scanned into memory before actual connection to the phone line for transmission.
MIME (Multipurpose Internet Mail Extension)	A standard used for attaching non-text (image) files to Internet Email messages.
Modem	A device that converts signals from your fax machine into signals that can be transmitted over telephone lines.
Module	A self-contained hardware or software component that interacts with a larger system. Hardware modules are often made to plug into a main system. Program modules are designed to handle a specific task within a larger program.

Term	Meaning
Network	Any time you connect 2 or more computers together so that they can share resources, you have a computer network. Connect 2 or more networks together and you have an internet.
Overlap Print	Documents too long to be reduced are automatically printed on two pages with 10 mm overlap.
Panasonic Super-Smoothing	An electronic image enhancement (Panasonic Super Smoothing) that will create a particular pattern for the improvement of copy quality.
PC	The Personal Computer - Quite Simply a computer designed to be used by one person at a time.
PC Card	A credit card sized removable module for portable computers. PC Cards are used to attach modems, network adapters, sound cards, radio transceivers, solid state disks and hard disks to a portable computer.
PCL (Printer Control Language)	The page description language, which has become a de facto standard used in many printers and typesetters. PCL Level 6 streamlines the graphics and font commands, reducing the amount of information that has to be sent to the printer.
PDF	Adobe® Portable Document Format (PDF) is a universal file format that preserves all the fonts, formatting, graphics, and colour of any source document, regardless of the application and platform used to create it.
Polling	The ability to retrieve a document from another machine.
Polling Password	A 4-digit programmed code that enables the security of a document being polled.
POP (Post Office Protocol)	POP refers to the way Email software such as Eudora or your machine gets Email from a mail server. You must always have a POP account that you tell your Email software to use to retrieve your mail.
Print Reduction Mode	The methods used to determine how an incoming document will be reduced to print onto the paper loaded in your machine.
Protocol	A standard process, a set of rules & conditions that perform a particular function. A word which is very common in PC & Internet Terminology. Ex: FTP (File Transmission Protocol), IP Address (Internet Protocol Address), TCP/IP (Transmission Control Protocol Internet Protocol), POP (Post Office Protocol)
PSTN (Public Switched Telephone Network)	Public Switched Telephone Network. Network of interconnected switching equipment and transmission facilities.
Receiver Password	A 4-digit password that is checked before a document is received.
Relay Address	A 3-digit code that identifies your machine is programmed in a relay network.
Relay Network	A group of machines that communicate via a relay station.
Resolution	This relates to the quality of a viewed image either on the PC Screen or printed output. For printed images the resolutions is measured in dots per inch or DPI. The higher the DPI the better the resolution and better image quality.

Term	Meaning
Router (Gateway)	A special purpose computer (or software package) that handles the connection between 2 or more networks. Gateways act like traffic cops, they spend their time looking at the destination addresses of the packets passing through them and deciding which route to send them on.
SD Card (Secure Digital Memory Card)	A flash memory card that provides secure storage for your machine, which is also popular with handheld devices such as digital cameras, cell-phones, and PDAs.
Selective Reception	A function that can be set so that your unit will receive from only those machines programmed into your dialler.
Server	A computer, or a software package, that provides a specific kind of service to client software running on other computers. A single server machine could have several different server software packages running on it, thus providing many different servers to clients on the network.
Sleep Mode	The lowest power state that the machine enters after the specified time without actually turning off.
SMTP (Simple Mail Transfer Protocol)	An accepted standard used extensively on the Internet for transferring Email messages between computers. The standard defines exactly how the message will be sent, any controls, format of the message etc.
Software	Software is basically a series of instructions that causes the PC to do something. The Operating System such as DOS is known as Systems Software. Application Programs such as a Word Processor or Spreadsheet perform the main tasks for which we use the PC.
Station Name	Alphanumeric ID which can be programmed for each phone number or Email address location in the Address Book.
Stored Document	Documents that have been scanned and now are saved in your machine's memory.
Sub-Address	ITU-T recommendation for further routing, forwarding or relaying of incoming faxes.
Sub-Addressing Password	ITU-T recommendation for additional security that corresponds to the Sub-Address.
Subnet Mask	A mask bit used to manage sub-segments of the network which is defined with network IDs.
Substitute Memory Reception	Your machine's ability to save an incoming document into its memory, when it runs out of recording paper or toner.
TCP/IP	TCP/IP stands for Transmission Control Protocol/Internet Protocol & is quite simply a standard set of protocols that govern the basic workings of the Internet that was implemented in 1982. The TCP part is all about ensuring that data is transmitted correctly between 2 computers. If any errors occur these are detected & the data is retransmitted. The data transmitted is split up into small portions called Data packets. The IP part of TCP/IP is how these data packets are moved from one point to another. Each computer on the internet has a unique IP address & the data packets are moved from the source to the destination through many different computers & this is controlled via TCP/IP. This protocol is used on the Internet & also by computers which are part of a LAN.
Thumbnails	A miniature display of a page or an image. Thumbnails enable you to see the layout of many pages/images on the screen at once. Generally, thumbnails are too small to show the actual text/image.

Term	Meaning
TIFF	Tagged Image File Format. One of the many different types of File Format used on PC's. An image file format for attachments of graphic data for smooth transmission between different units. The coding method of this format supports the same coding as Modified Huffman (MH) and multiple-page image data.
TIFF Image Viewer	An application software to view the contents of TIFF-F File. Some TIFF Image Viewers may not display the data properly.
Time Zone	By setting the Time Zone of your area on the device's Control Panel, email will be displayed in correct order regardless the time difference of the sender's area. Time Zone, where you are correctly in, can be checked from the "Date/Time Properties" on your Computer. For more details, consult with your system administrator.
Toner	A special type of ink used by copy machines and laser printers. Toner consists of a dry, powdery substance that is electrically charged so that it adheres to an invisible image that has been charged onto a drum, plate, or piece of paper with the opposite polarity.
Transmission Reservation	The ability to preset a telephone number so that you may reserve a transmission while your unit is performing another function.
Verification Stamp	A user selectable transmission verification stamp which can be placed on scanned documents that are successfully transmitted or stored in memory.
View mode - File List	Allows you to view the brief contents of the memory files through the LCD display without having to print the Memory File List.
View mode - Journal	Allows you to view the brief contents of the journal through the LCD display without having to print the journal.

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