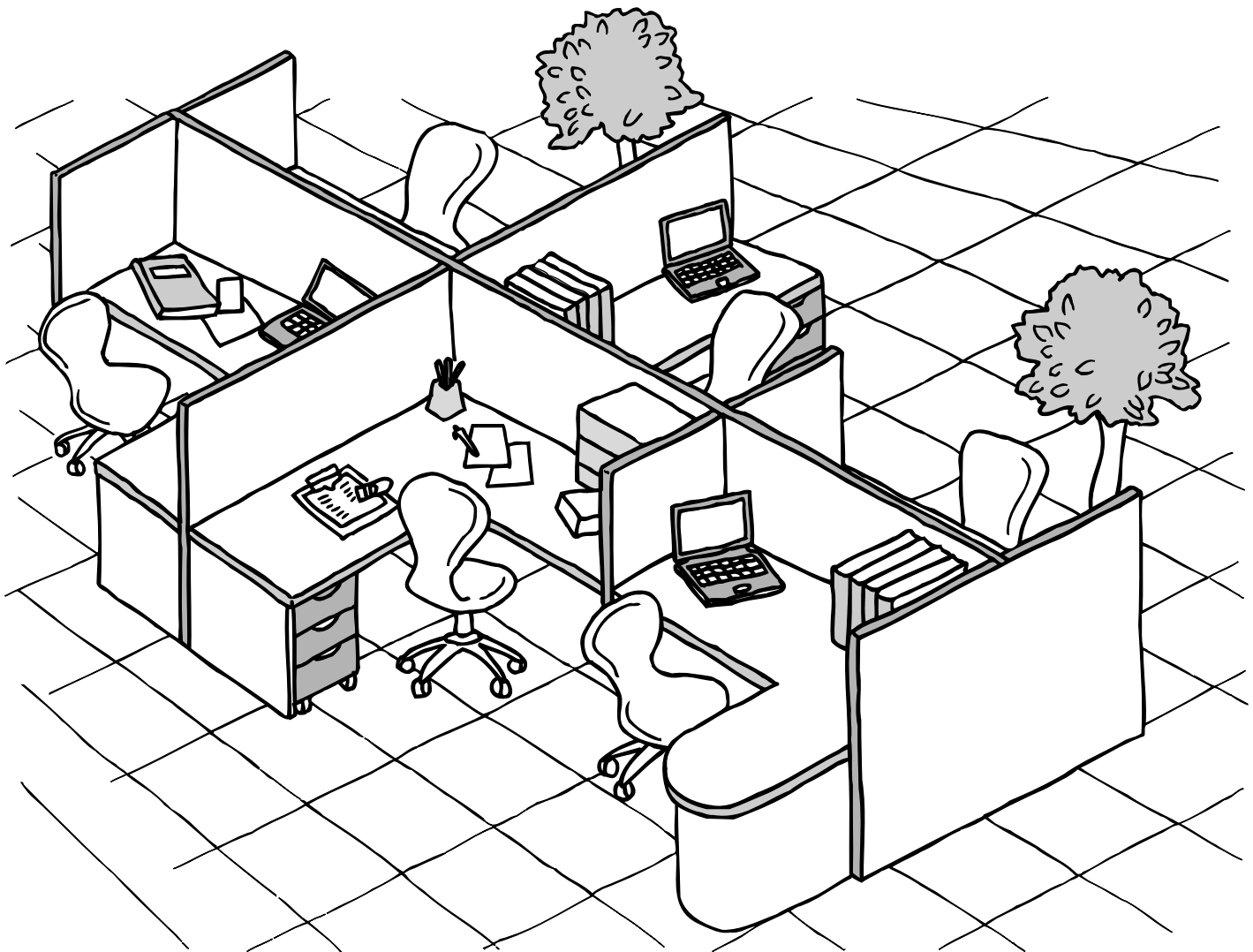


Panasonic®

Digital Imaging System Operating Instructions (For Copier)

Model No. DP-1810F



Before operating this equipment, please read these instructions completely and keep these operating instructions for future reference.

English

Getting To Know Your
Machine

Before Starting

Making Copies

Options



Others

IMPORTANT INFORMATION

When requesting information, supplies or service always refer to the model and serial number of your machine. The model and serial number plate (Main Name Plate) is located on the rear side of machine. For your convenience, space is provided below to record information you may need in the future.

Model No.

Serial No.

Date of Purchase

Dealer

Address

Telephone Number

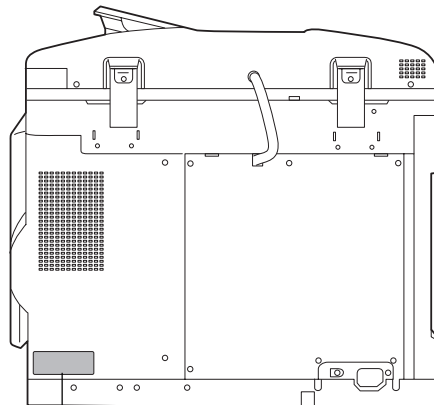
()

Supplies Telephone Number

()

Service Telephone Number

()



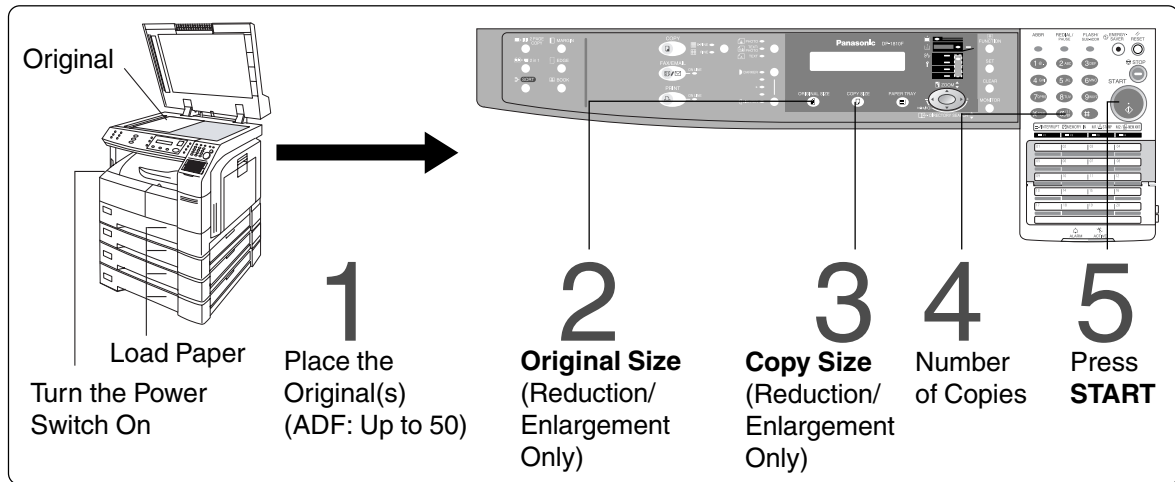
Model and Serial Number

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All rights reserved. Unauthorized copying and distribution is a violation of law. Printed in Japan.
The contents of these Operating Instructions are subject to change without notice.

Operation Chart

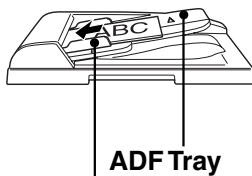
Common Features and Usage

Basic Operation



Position of the Original

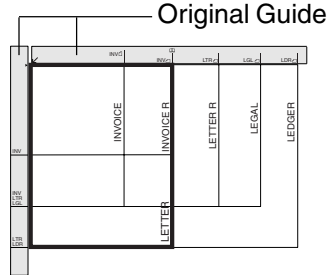
From ADF



Original Guides

Adjust to the original's width

From Platen



- Place originals face down on the platen or face up on the ADF.
- If the original is not positioned properly, a portion of the original may not be copied.
- For originals smaller than invoice size, position the original within the area of INVOICE and select invoice.

Commonly Used Functions and Operating Procedures

Full Size

Makes a copy that is the same size as the original

1 → 4 → 5 (See page 12)

Reduction or Enlargement

Copies the original at a fixed reduction or enlargement ratio

1 → 2 → 3 → 4 → 5 (See page 13)

Memory Capacity

When the memory becomes full during original scanning, the message "OUT OF MEMORY" "CONTINUE ? 1: YES 2: NO" will be displayed in the message display. If this occurs, follow the instructions on the LCD.

When additional memory is required, consult with an authorized servicing dealer.

Energy Star



As an **ENERGY STAR**® Partner, Panasonic has determined that this product meets the **ENERGY STAR**® guidelines for energy efficiency.

This voluntary program specifies certain energy consumption and usage standards. This product will automatically “power down” after a specified period of non-use. The use of this **ENERGY STAR**® compliant product will reduce energy consumption and ultimately benefit the environment.

The default functions can be adjusted depending on your office requirements. Please ask your authorized Panasonic dealer for more details.

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Problem Solving	38
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Precautions

For Your Safety

■ Laser Safety

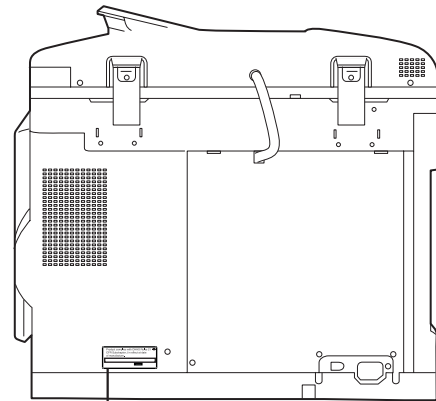
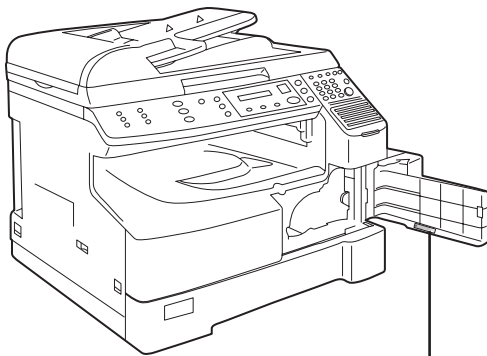
LASER SAFETY

This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

CAUTION:


USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

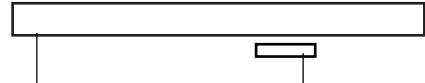
■ Caution Labels



• **DANGER** : Invisible laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM.
• **CAUTION** : Invisible and hazardous laser radiation when interlocks defeated. AVOID EXPOSURE TO BEAM.
• **ATTENTION** : Rayonnement laser invisible dangereux lorsque la sécurité est neutralisée. EXPOSITION DANGEREUSE AU FAISCEAU.
• **VORSICHT** : Unsichtbare Laserstrahlung, wenn Sicherheitsverriegelung überbrückt. NICHT DEM STRAHL AUSSETZEN.
• **PELIGRO** : Cuando se invalida el bloqueo, se producen radiaciones invisibles de láser. EVITESE LA EXPOSICIÓN DIRECTA A TALES RAYOS.
• **VARO!** : Näkymätöntä ja vaarallista laseräätijä suojalukitus ohitettaessa. Välttämättä altistumista säteelle.
• **ADVAREL** : OSYNLIG LASERSTRÅLING NÄR SIKKERHEDS-ÅP-BRYTERE ER UDE AF FUNKTION. UNDGÅ UDSETTELSE FOR STRÅLING.
• **ADVAREL** : OSYNLIG LASERSTRÅLING NÄR SPÄRRAR, ÅR URKOPPLADE, STRÅLEN ÄR FARLIG.
• **VARNING** : OSYNLIG LASERSTRÅLING NÄR SPÄRRAR, ÅR URKOPPLADE, STRÅLEN ÄR FARLIG.
• **注意** : 为禁止激光照射, 当突破本机时, 请勿暴露于光线下。
• **주의** : 연결장치가 고장 났을 때에는 눈에 보이지않고 위험한 레이저 방사선이 빛에 직접 닿지않도록 해 주십시오.

FBS8902

Product complies with DHHS Rules 21 
CFR Subchapter J in effect at date
of manufacture.

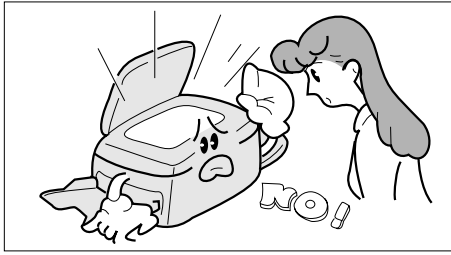


Manufacturer's name and address

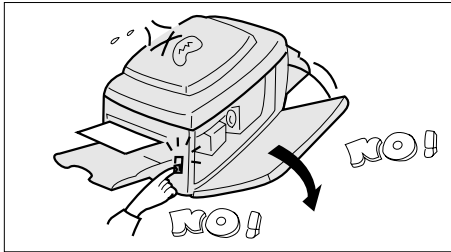
Factory ID

Precautions

Handling

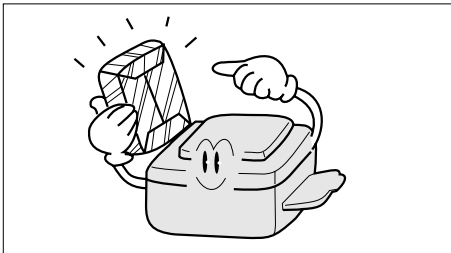


- Do not look directly at the exposure lamp when copying.



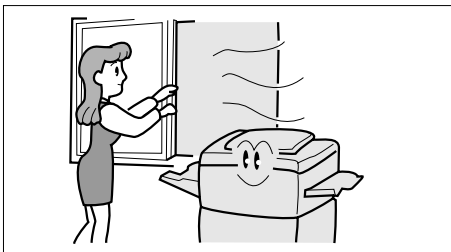
- Do not turn the power switch Off or open the front panel during copying.
- Do not drop paper clips or other metal objects into the copier.

Toner and Paper



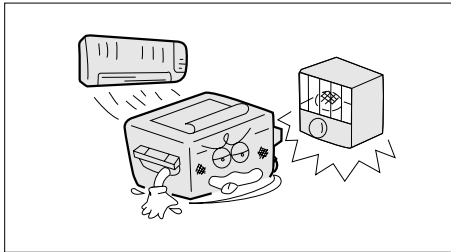
- Store toner, drum and paper in cool areas with low humidity.
- Use high quality 16 - 24 lb (60 – 90 g/m²) [Sheet Bypass: 15 – 34 lb (56 – 128 g/m²)] paper.
- For optimum performance, it is recommended that only Panasonic Brand supplies are used in the copier.

Ventilation



- The copier should be installed in a well-ventilated area to minimize the ozone density in the air.

Installation



- The copier should not be installed in areas with the following conditions:
 - Extremely high or low temperature and humidity.
 - Ambient conditions
 - Temperature: 50 – 86°F (10° – 30°C)
 - Relative humidity: 30 – 80%
 - Where temperature and humidity can change rapidly, causing condensation.
 - Direct exposure to sunlight.
 - Directly in the air conditioning flow.
 - In areas of high dust concentration.
 - In areas of poor ventilation.
 - In areas with chemical fume concentration.
 - In areas with extreme vibration.
 - With unstable or uneven conditions (floors, etc.).

- The maximum power consumption is 1.2 kW.
 - A properly wired (grounded), dedicated, 15A, 120V AC outlet is required.
 - Do not use an extension cord.
 - The power cord on this equipment must be used to disconnect the main power.
 - Please ensure that the socket outlet is installed near the equipment and is easily accessible.

FCC WARNING For U.S.A.

FCC WARNING:

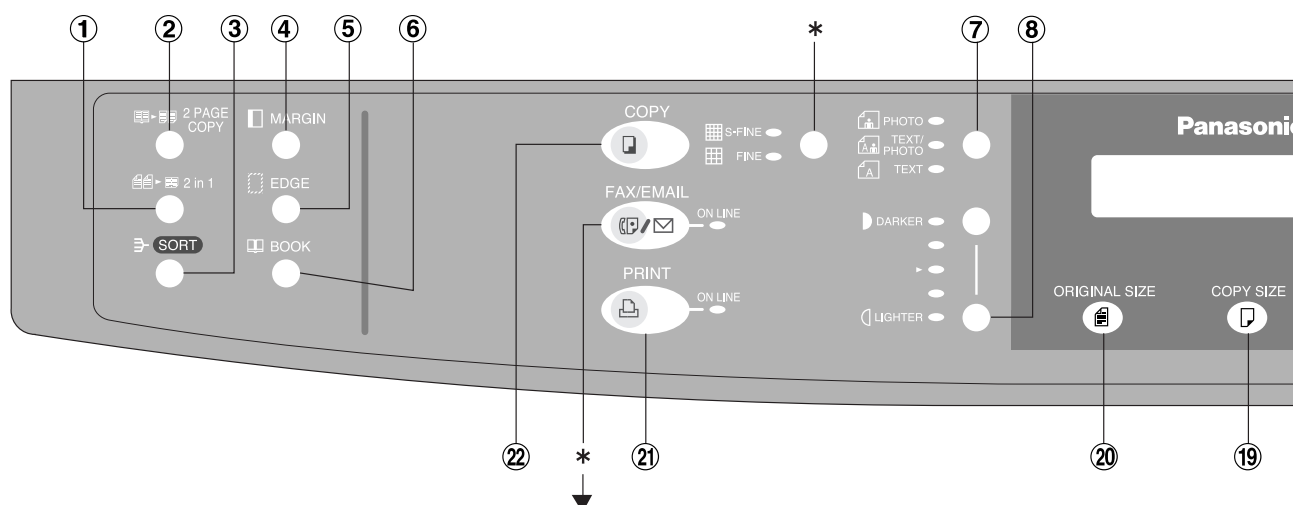
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

The user could lose the authority to operate this equipment if any unauthorized changes or modifications are made to this equipment.

⚠ CAUTION

- THIS PRODUCT CONTAINS A LITHIUM BATTERY. DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS OF YOUR LOCAL SOLID WASTE OFFICIALS.

Control Panel

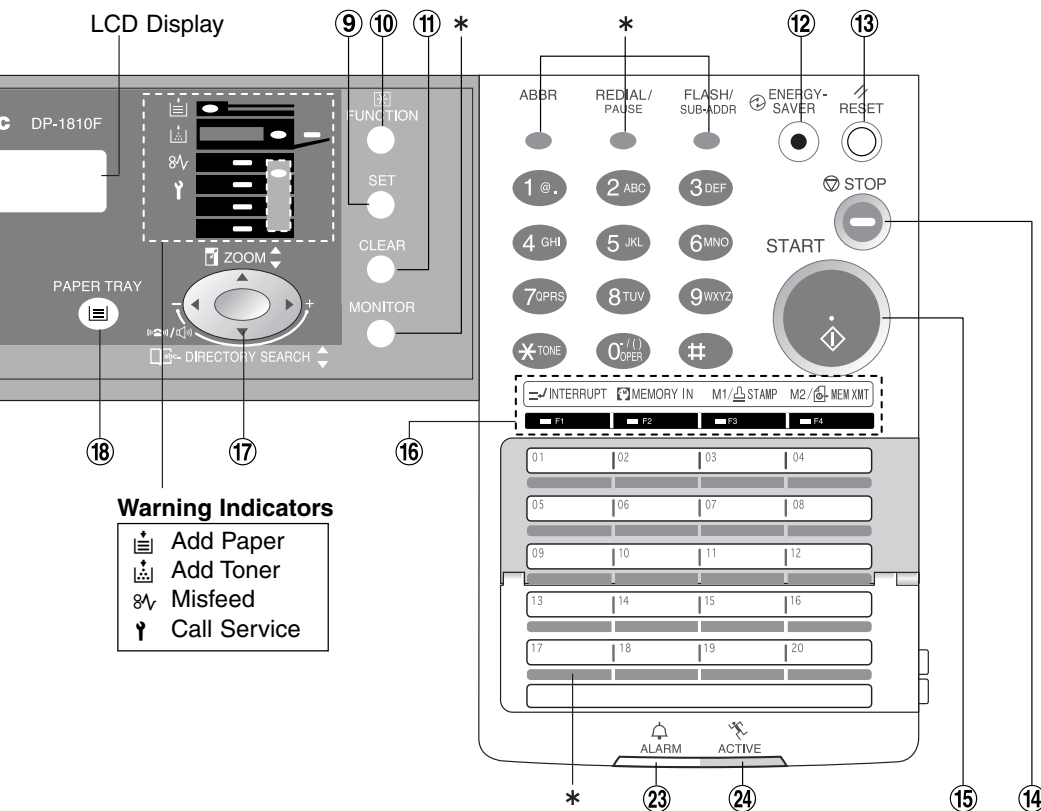


* Keys are used only for FAX/EMAIL functions, refer to Operating Instructions (For Facsimile/Internet Fax)

No	Contents	Refer to
①	2 in 1 Key ● From two 1-Sided originals, side by side, to 1-Sided copies.	Page 18
②	2 PAGE COPY Key ● Copying two facing pages or a Ledger size original on two separate Letter size sheets.	Page 19
③	SORT Key ● When using Electric Sorting Mode. Optional memory is required.	—
④	MARGIN Key ● Shifts the image to the right or left.	Page 20
⑤	EDGE Key ● Creates a blank edge.	Page 20
⑥	BOOK Key ● Eliminates dark inner binding shadows.	Page 20
⑦	Photo; Text/Photo; Text Keys ● Select the type of original(s) for image density adjustment. PHOTO : Originals are mainly composed of photo. TEXT/PHOTO: Combined originals with text and photo TEXT : Originals are mainly composed of text.	Page 12
⑧	Exposure Keys (DARKER, LIGHTER)	Page 12
⑨	SET Key ● Set the present selection.	—
⑩	FUNCTION Key ● Use when changing the paper size, initial values for functions (default values) and key operator settings.	Pages 27 – 36
⑪	CLEAR Key ● Clears the copy count in the display.	—
⑫	ENERGY-SAVER Key ● Can save power while the copier is not in use.	Page 23
⑬	RESET Key ● Resets all features to the initial power-on state.	—
⑭	STOP Key ● Stops the copy run.	—
⑮	START Key ● Used to start an operation.	—

NOTE

- The Control Panel displayed above shows only copier functions. Please refer to the appropriate operating instructions for other control panel functions or in the Panasonic Document Management System CD-ROM for the Printer control panel functions.



- Warning Indicators**
- 18 Add Paper
 - 17 Add Toner
 - 8V Misfeed
 - Y Call Service

No	Contents	Refer to
16	INTERRUPT Key, MEMORY IN Key, M1/M2 Keys ● Interrupt Key interrupts other copy or print jobs while making copies. ● Memory In Key registers two copy jobs for recall at a later time. ● M1/M2 Keys are used to store a Job in Memory or to recall a Job stored in Memory.	Pages 21, 23
17	Cursor Keys ● Select copy ratio and function modes using (▼ or ▲).	—
18	PAPER TRAY Key ● Used to select the paper tray manually.	—
19	COPY SIZE Key ● Used to select Reduction/Enlargement only. For additional details, see page 13.	—
20	ORIGINAL SIZE Key ● Used to select the original size manually. For additional details, see page 13.	—
21	PRINT Key ● When selecting the Printer ON/OFF Line.	—
22	COPY Key ● Press when using the unit as a photocopier.	—
23	Alarm LED (Red) ● Lights when trouble occurs.*	—
24	Active LED (Green) ● Lights when machine is active.	—

NOTE

● The Control Panel displayed above shows only copier functions. Please refer to the appropriate operating instructions for the control panel functions or in the Panasonic Document Management System CD-ROM for the Printer control panel functions.

* When the machine detects a problem or an alarm status is activated, the 23 Alarm LED lights up or begins to flash.

LED Lights: Machine detected a trouble status

- No paper in the selected tray or toner has run out.
- Machine detected trouble, such as paper misfeed or jam.

LED Flashes: Machine detected an alarm status

- No paper in the tray. (Tray not selected)
- Running low on toner, etc.

Basic Copy

Full Size Copying

■ Copying the Same Size Originals (1:1)

Copy size is automatically selected.

1
Place the Original

2
ORIGINAL SIZE Key

3
CLEAR Key

Number of Copies* Press **START****
Up to 999

LCD Display (Sample)

```

READY TO COPY
COPIES : 001
    
```

Select the Original Size on units without the ADF.

■ Manually Selecting Exposure Control or Original Type

1 Select the Original Type

- PHOTO : Originals are mainly composed of photo.
- TEXT/PHOTO : Combined originals with text and photo.
- TEXT : Originals are mainly composed of text.

2 Select Exposure Control

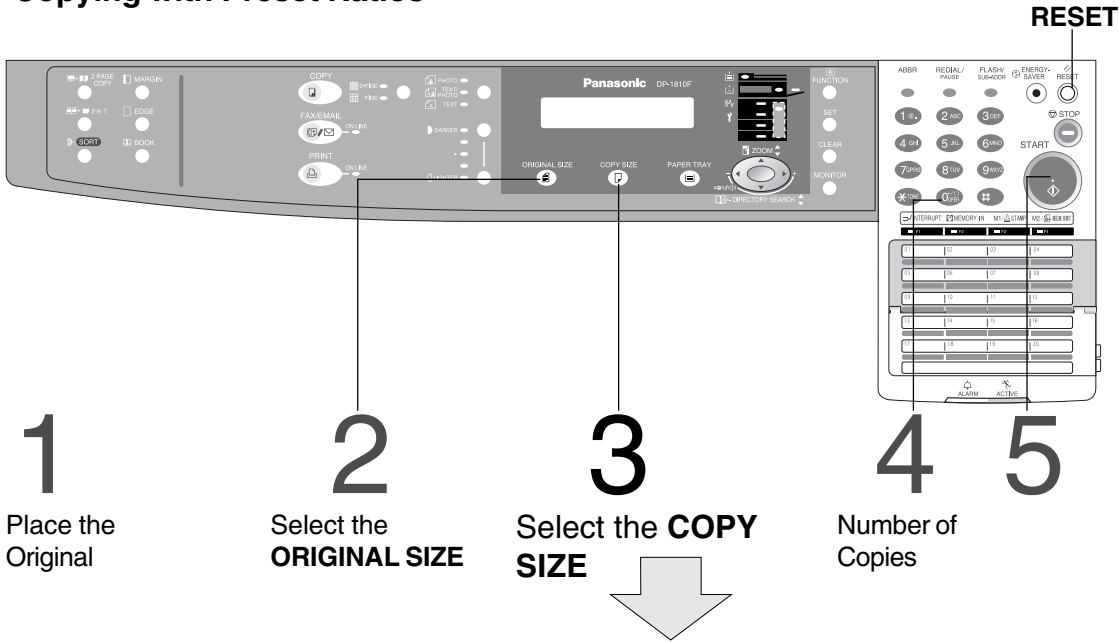
Press the DARKER/LIGHTER keys to adjust the exposure.

NOTE

- * Use Clear key when canceling the copy count.
- ** While the copier is warming up, you may position your original on the copier, enter your copy job selections and press the Start key. The COPY JOB RESERVED indicator displays until the warm up cycle is completed and the copy job is automatically start.

Reduction or Enlargement Copying

■ Copying with Preset Ratios



Example: Reduction

Original size: LEDGER → Copy size: LETTER

LDR [] -> LTR [] C [LTR []]
 ZOOM: 65% COPIES: 001

The correct ratio is automatically selected.

Reduction and enlargement ratios (%)

Original Size	Copy Size			
	Ledger	Legal	Letter	Invoice
Ledger	100	77	65	50
Legal	121	100	79	61
Letter	129	100	100	65
Invoice	200	155	129	100

● When changing the paper tray, press the **Paper Tray** key.

NOTE

- If the desired copy size is different from the paper size loaded in the paper tray, use the sheet bypass. (See page 17)
- Press the **RESET** key to cancel all job settings.

Basic Copy

Automatic Document Feeder

■ ADF

1. Features

① Automatic Original Feeding

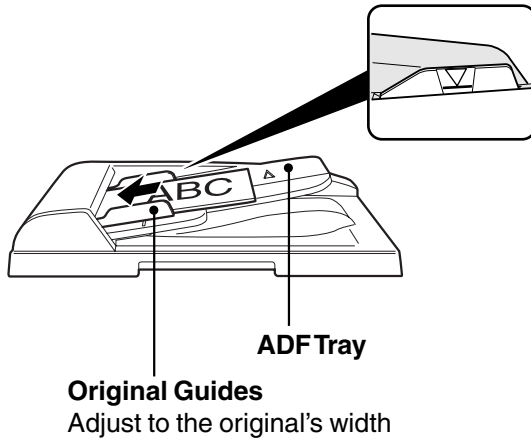
- The ADF tray can hold up to 50 Letter size originals of 20 lb (80 g/m²) paper (up to 30 Legal or Ledger size originals). Accommodates from Invoice to Ledger size originals.
- Automatic original size detection.

② 2 in 1 Copy

- To make a 1-Sided copy (full size or reduction), from two 1-Sided originals side-by-side.

2. Components

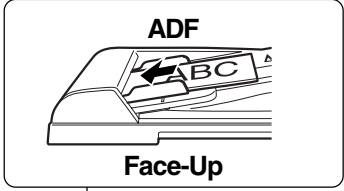
- Set the originals up to the upper limit arrow.



Automatic Document Feeder

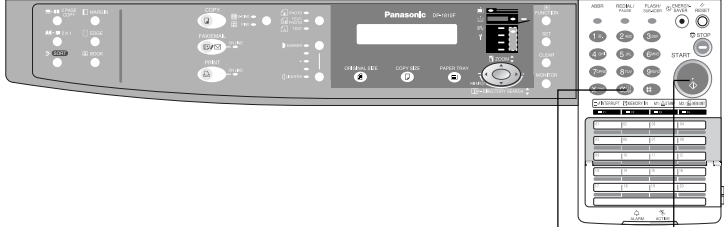
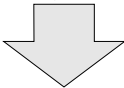
3. Operation

■ Operation Procedure



1

Place the Original



2 3

Number of Copies

Press START

Inappropriate Originals

- Paper with a smooth surface such as glossy and coated papers
- Transparencies
- Originals with a lead edge that is "creased", "folded", "punched" or "glued"
- Paste-ups
- Pressure sensitive or carbon backed papers
- Paper with excessive curl
- Stapled originals
- Freshly printed copies from a laser printer

NOTE

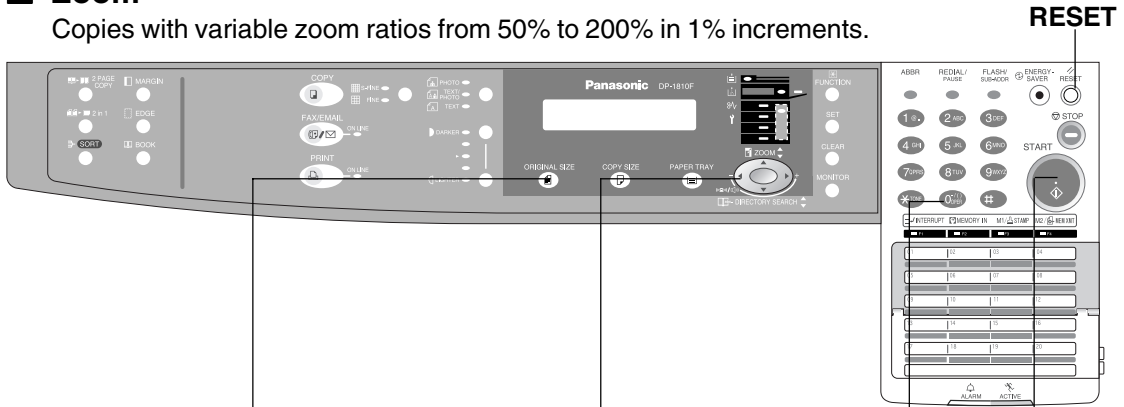
● To copy these kinds of originals, use the Platen Glass instead.

Basic Copy

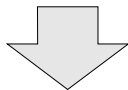
Zoom Copying

Zoom

Copies with variable zoom ratios from 50% to 200% in 1% increments.



- 1 Place the Original
- 2 Select **ORIGINAL SIZE** (without using ADF)
- 3 Press Cursor (▼ or ▲) keys to select Zoom Ratio
- 4 Number of Copies
- 5 Press **START**



```
LTR [ ] ->LTR [ ] [LTR [ ] ]  
ZOOM:125% COPIES:001
```

(Example: 125% Zoom)

ATTENTION

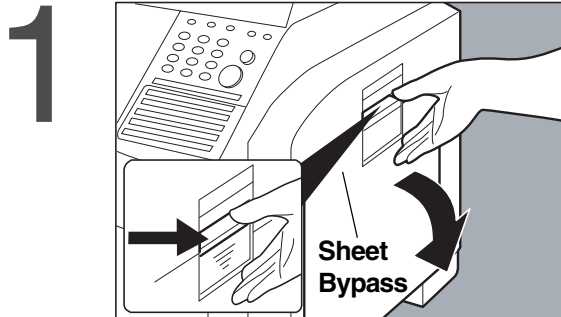
- When changing the paper size after setting the zoom ratio, please use the paper tray key.

NOTE

- Press the **RESET** key to cancel all job settings.

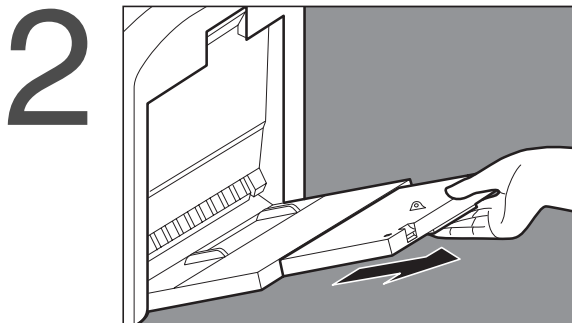
Using the Sheet Bypass

■ Copying on Special Paper, etc.

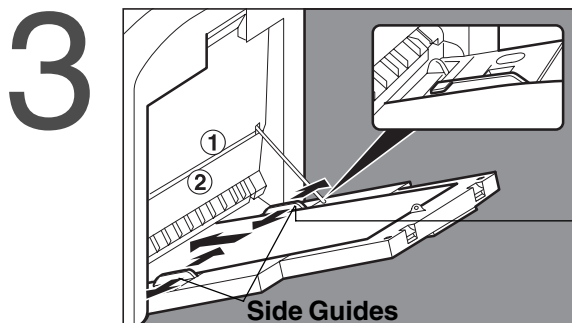


Place the original.

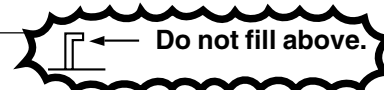
Open the sheet bypass.



Pull out the sheet bypass tray until it stops.
(For Ledger size only)



① Place the sheets of paper into the tray. (approximately up to 50 Letter size sheets/20 lb)



Insert the paper until it stops.

② Adjust the side guides.

Incorrect adjustment may cause the paper to wrinkle, misfeed or skew.

Press **START**.

ATTENTION

- Do not feed curled paper through the sheet bypass to avoid misfeed.

NOTE

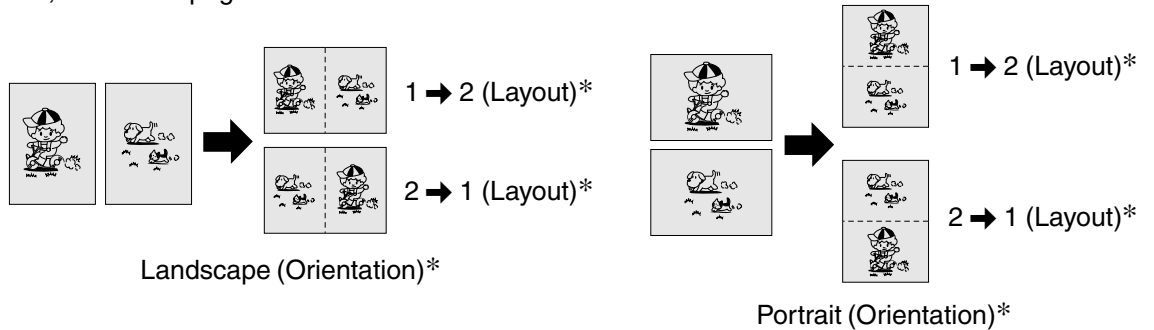
- Adjust the side guides properly to avoid skewing, wrinkling or misfeeding.

Creative Features

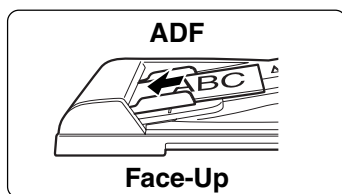
2 in 1 Copy

■ 2 in 1 Copy

From two 1-Sided originals, side by side, to 1-Sided pages.

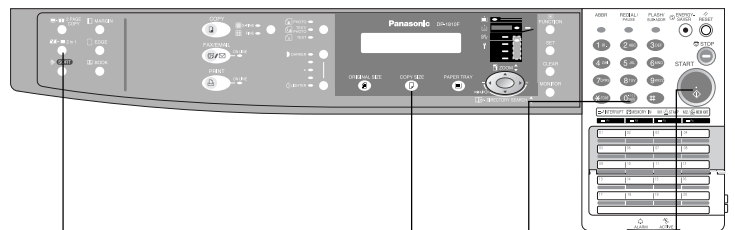


■ Procedure



1

Place the Originals



2

Press **2 in 1** key

(3)

COPY SIZE
(Reduction/
Enlargement
Only)

4

Number of
Copies

5

Press
START

NOTE

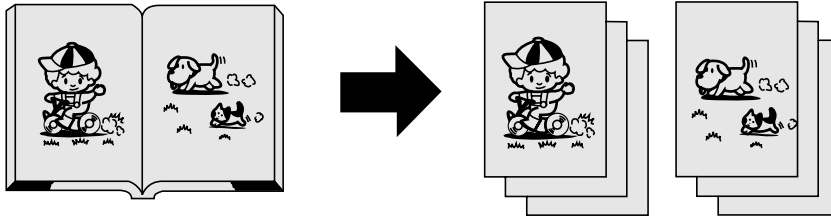
- Press the **RESET** key to cancel all job settings.
- Numbers in parenthesis “ () ” represent that, an additional step is required to activate the feature.

* The Orientation and Layout can be set in the Copier Settings function mode.
(See page 29)

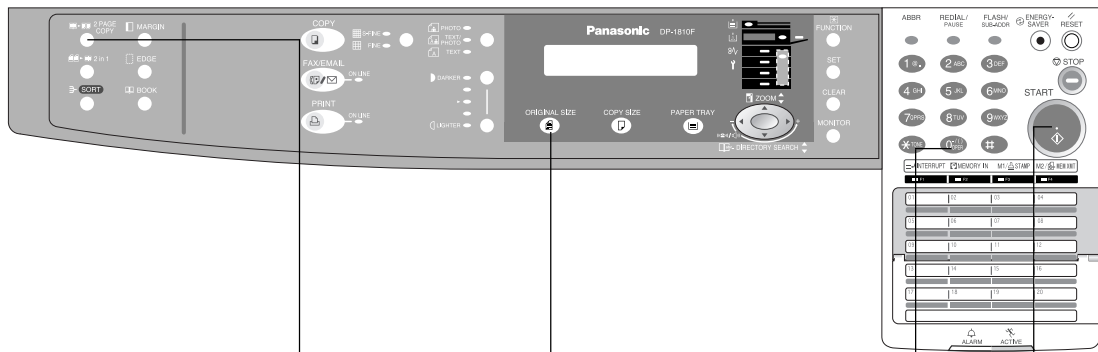
2 PAGE COPY

2 PAGE COPY

Copying two facing pages on a ledger size original on two separate Letter size sheets.



Procedure



1

Place the
Originals

2

Press the **2
PAGE COPY**
key

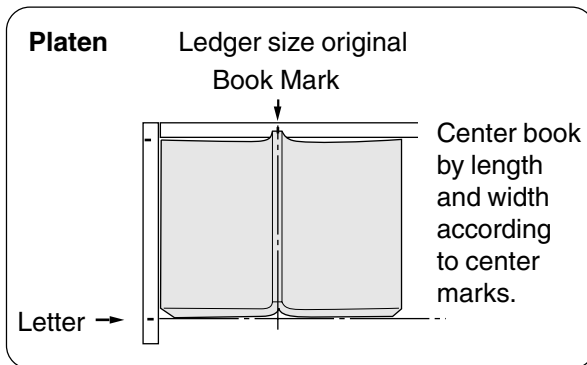
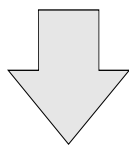
3

ORIGINAL SIZE
(Letter or Ledger
size Only)

4 5

Number of
Copies

Press
START



NOTE

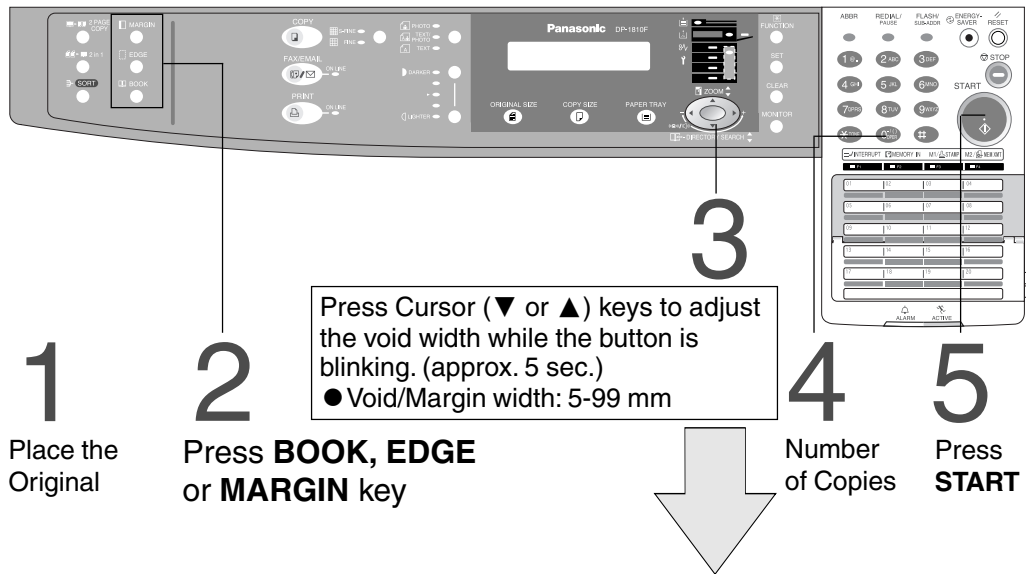
- To reset all job settings, press the **RESET** key.

Creative Features

BOOK/EDGE/MARGIN

- **BOOK Key**
Eliminates dark inner binding shadows when copying from a book.
- **EDGE Key**
Creates a blank edge.
- **MARGIN Key**
Shifts the image to the right or left.

■ Procedure



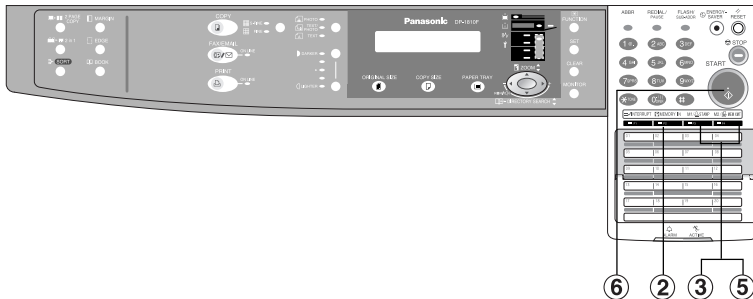
<p>Book</p> <p>BOOK MARGIN CENTER VOID = 20mm ▼▲</p>	* Initial Book Margin setting (Factory setting): 20 mm
<p>Edge</p> <p>EQUAL RATE VOID MARGIN = 5mm ▲</p>	* Initial Equal Rate setting (Factory setting): 5 mm
<p>Margin**</p> <p>LEFT MARGIN 10mm ▼▲</p>	* Initial Left Margin setting (Factory setting): 10 mm

NOTE

- * Initial setting (Factory setting) can be changed in the Copier Settings function mode. (See page 29)
- ** If a part of the copied image is missing when using the Margin mode, change the Frame Reduction setting to ON. (See page 29)
- Press the **RESET** key to cancel all job settings.

Job Memory

- Two Copy Jobs Can Be Programmed in Memory (M1, M2) for recall at a later time.



JOB MEMORY
PRESS M1, M2 TO STORE.

RECALL JOB MEMORY
LOADING...

To Store a Job in Memory

- ① Set up the copy job to be stored in memory, by first selecting each function you wish the copier to perform.
- ② Press the **MEMORY IN (F2)** key.
- ③ Press the **M1 (F3)** or **M2 (F4)** key.

To Recall a Job Stored in Memory

- ④ Place the Original
- ⑤ Press the **M1 (F3)** or **M2 (F4)** key.
The stored contents will be displayed.
- ⑥ Press **START**

NOTE

- Stored job(s) will not be deleted even if the power switch is turned Off.
- When storing a new job into programmed memory, the previously stored job will be overwritten.

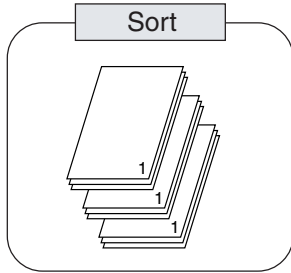
Creative Features

Sort Copy

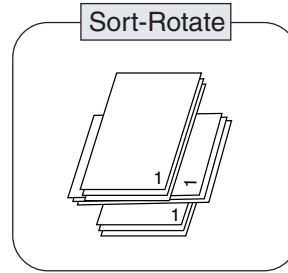
■ Sort Copy

The sort copy has 2 available electronic sorting functions as follows:

Note: Before using the sort copy, select the desired sorting mode by setting its function first (See page 28).

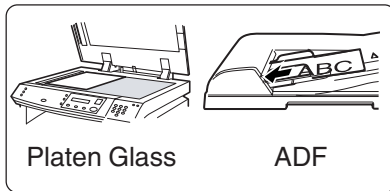


Multiple copies sorted automatically.



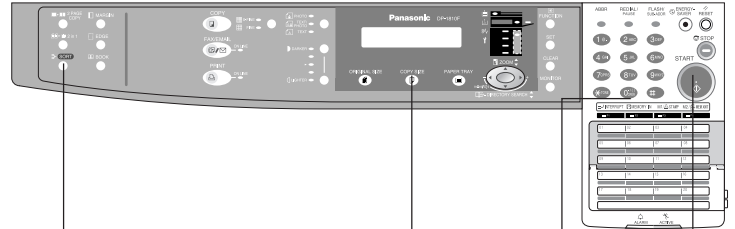
Multiple copies sorted automatically and Stacked in alternate direction.

(Up to Letter size)



1

ADF : Place the Originals
Platen: Place the First Original



2

Select the **SORT** Mode

(3)

COPY SIZE
(Reduction/
Enlargement
Only)

4

Number of
Copies

5

Press **START**

From Platen Glass only:

6

ANOTHER ORIGINAL?
1: YES 2: NO

Press "1" key.

7

Place next Original

8

Press **START**

9

Repeat steps 6 and 7
until all originals are
scanned and stored
into the copier's memory.

10

ANOTHER ORIGINAL?
1: YES 2: NO

Press "2" key.

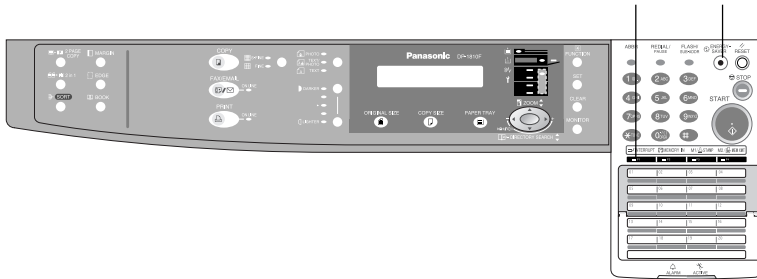
NOTE

- When the memory becomes full during original scanning, the message "OUT OF MEMORY" "CONTINUE 1: YES 2: NO" will be displayed in the message display. If this occurs, follow the instructions in the message display. For additional memory consult your authorized servicing dealer.
- To reset all job settings, press the RESET key.

Other Features

Energy Saver/Interrupt Mode

INTERRUPT (F1) Key ENERGY-SAVER Key



ENERGY SAVER



■ These modes can save power while the copier is not in use.

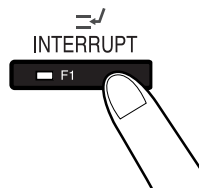
Energy Saver Mode

- ① To enter this mode
Press the **ENERGY-SAVER** key or the copier will automatically enter the Energy Saver Mode after 15 minutes* from the last copy. The indicator will flash.
- ② To cancel this mode and make copies
Press the **ENERGY-SAVER** key again.

Sleep Mode

- ① Automatically enters the Sleep Mode after 30 minutes from the last copy. The copier power will drop and the indicator will light.
- ② To make copies, press the **ENERGY-SAVER** key.

INTERRUPT



Interrupt Mode

- This mode can interrupt other copy jobs while making copies.
- ① Press the **INTERRUPT (F1)** key, the indicator will light.
 - ② Make another copy job using the platen glass.
 - ③ Press the **INTERRUPT (F1)** key again to continue the original job.

Note: The ADF can not be used with interrupt.
(Use only the Platen)

NOTE

* Energy saver time (15 minutes) and Sleep time (30 minutes) can be changed by the key operator. (See page 30)

Modes	Power Consumption	Warm Up Time
Normal Operation	Approximately 92 Wh	N/A
Energy Saver Mode	Approximately 40 Wh	30 sec. recovery
Sleep Mode	Approximately 1.5 Wh	30 sec. recovery

Other Features

Skyshot Mode

■ Skyshot allows copying a manuscript without generating dark borders even if the platen cover or ADF is opened.

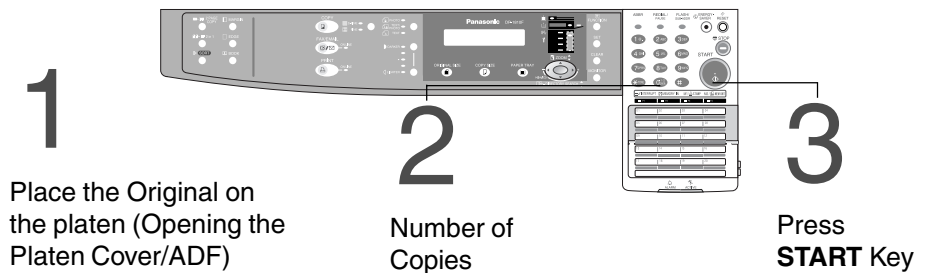
Skyshot mode eliminates dark borders around the originals, and is especially convenient for copying small-sized originals like bank checks or documents with unusual shapes (round, oval, etc.). These documents can be reproduced without generating any unnecessary black areas simply by making a copy with the cover open.

Two types of Skyshot modes can be selected;

Digital Skyshot Mode : The scanning area (size) is not pre-determined.

Manual Skyshot Mode : The scanning area (size) is pre-registered into memory (M1 and M2) in advance. (See page 29)

■ Digital Skyshot Mode



Note: The default setting of Digital Skyshot Mode is "NORMAL". In this setting, the unit scans once. If there are black areas around the borders in the copies, set the Digital Skyshot Mode to "QUALITY" to soften the dark borders. In this setting, the unit scans twice.

FUNCTION MODE (1-2)
ENTER NO. OR ∨ ^

2: COPIER SETTINGS
PRESS SET TO SELECT

COPIER PARAM. (00-14)
ENTER NO. OR ∨ ^

06 DIGITAL SKYSHOT
2: NORMAL

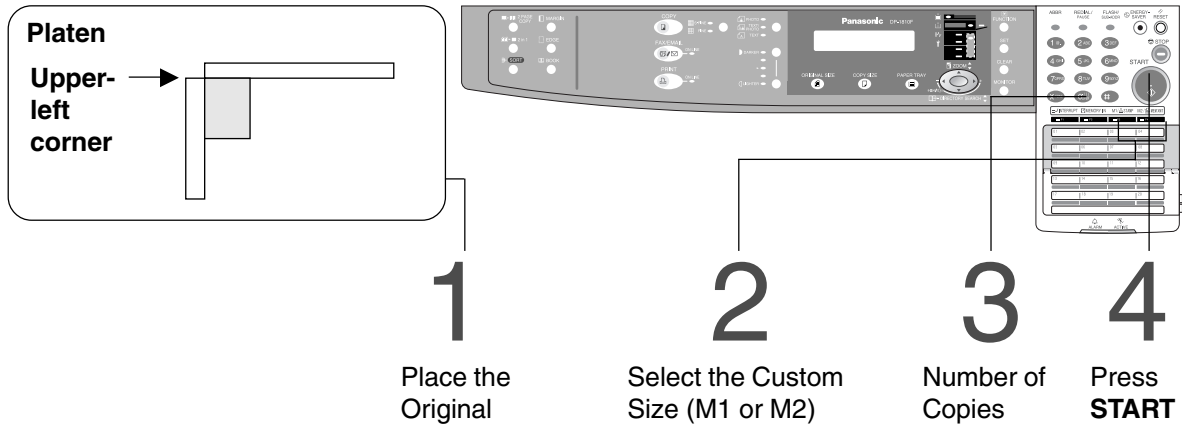
- ① Press the **FUNCTION** key.
- ② Press the **2** key to select COPIER SETTINGS.
- ③ Press the **SET** key.
- ④ Press **6** and **SET** key to select DIGITAL SKYSHOT.
- ⑤ Press **1-3** key to select the Digital Skyshot Mode.
1: OFF NONE
2: NORMAL Default setting (usually select this mode).
3: QUALITY For better definition, select the Quality mode.
- ⑥ Press the **SET** key.
- ⑦ Press the **RESET** key.

NOTE

- An incorrect exposure may occur when there is a black line at the edge of the original or an image which the copier interprets as a black pattern in the Skyshot mode.
- An incorrect position detection of the original may occur when a strong light shines onto the glass during Skyshot mode.

■ **Manual Skyshot Mode**

When using this function, the custom size should be registered into memory (M1, M2) in advance. (See page 29)



2

```

FUNCTION MODE (1-2)
ENTER NO. OR v ^

2:COPIER SETTINGS
PRESS SET TO SELECT

COPIER PARAM. (00-14)
ENTER NO. OR v ^

07 MANUAL SKYSHOT
2:M1 ON
    
```

- ① Press the **FUNCTION** key.
- ② Press the **2** key to select **COPIER SETTINGS**.
- ③ Press the **SET** key.
- ④ Press **7** and **SET** key to select **MANUAL SKYSHOT**.
- ⑤ Press **2** or **3** key to select the Custom Size.

1: OFF	NONE
2: M1 ON	M1 size is ON*
3: M2 ON	M2 size is ON*
4: M1, M2 ON	Both sizes are ON
- ⑥ Press the **SET** key.
- ⑦ Press the **RESET** key.

NOTE

- * The default size for M1 is: 70(X) × 160(Y) mm
- When changing the M1 or M2 size, consult with the key operator.
- When using the Manual Skyshot mode, M1 and M2 are turned ON and other job memory cannot be used.
- Press the **RESET** key to cancel all job settings.

Combined Function Table

Next Selections First Selections	Zoom Copy	2-ORIGINAL ► COPY		Margin			SORT			Other Functions		Job Memory Retrieval	Job Memory Storing	Remarks
		2 in 1 Copy	2 Page Copy	Book	Edge	Margin	Non-Sort	Sort	Sort-Rotate	Manual Skyshot				
Zoom Copy	A	○	○	○	○	○	○	○	○	○	A	A	○	
2-ORIGINAL ► COPY	2 in 1 Copy	○	A	A	○	○	○	○	○	○	A	A	○	
	2 Page Copy	○	A	A	○	○	○	○	○	○	A	A	○	
Margin	Book	○	○	○	A	○	○	○	○	○	A	A	○	
	Edge	○	○	○	○	A	○	○	○	○	A	A	○	
	Margin	○	○	○	○	○	A	○	○	○	A	A	○	
SORT	Non-Sort	○	○	○	○	○	○	A	A	A	A	A	○	
	Sort	○	○	○	○	○	○	A	A	A	A	A	○	
	Sort-Rotate	○	○	○	○	○	○	A	A	A	A	A	○	
Other Functions	Manual Skyshot	○	×	×	○	○	○	-	-	-	A	A	×	
	Interrupt	○	×	○	○	○	○	-	-	-	×	×	×	

○ : Possible Combined Functions.

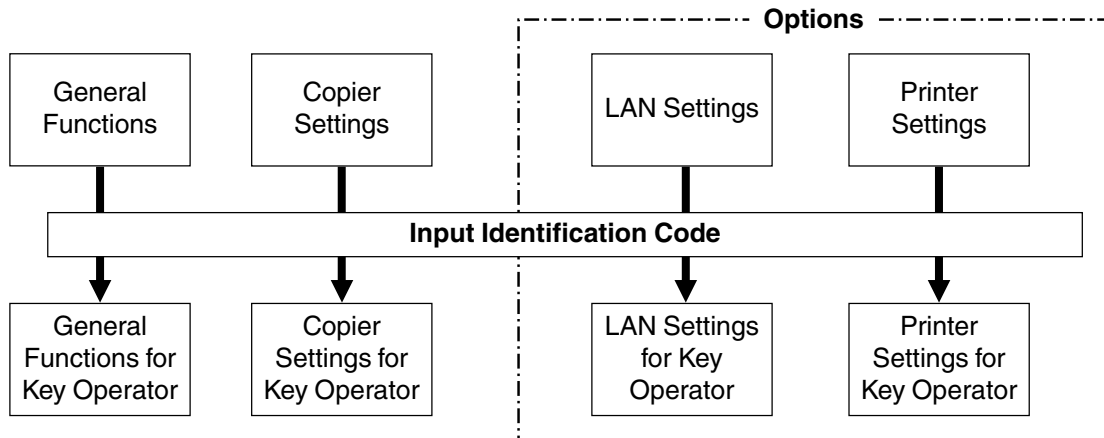
× : Unavailable Combined Functions.

A : Next Selection is Carried Out.

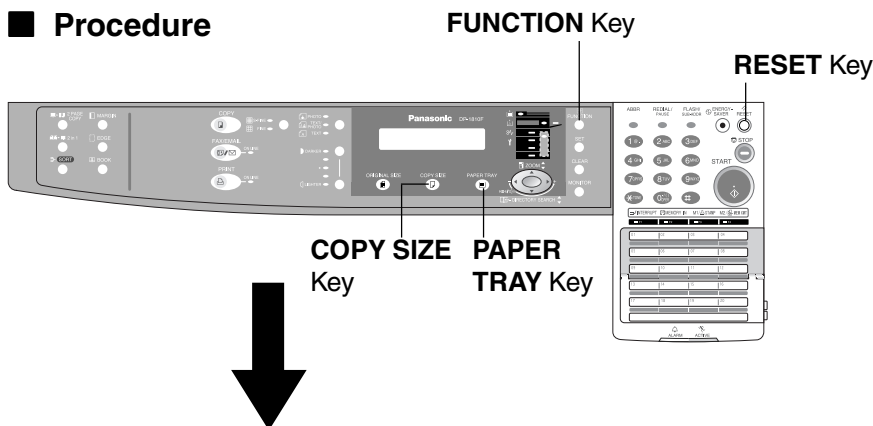
- : Indicates that SORT mode cannot be used. Non-sort operation is carried out.

Function

■ Using Function Modes to Change the Initial Copy Modes



■ Procedure



FUNCTION MODE (1-2)
ENTER NO. OR ▼ ▲

- ① Press the **FUNCTION** Key
- ② Press **1** (GENERAL FUNCTIONS) or **2** (COPIER SETTINGS) key. You may also use the (▼ or ▲) keys.
- ③ Press the **SET** key.
- ④ Press the **Keypad** to select function modes or use the (▼ or ▲) keys.
- ⑤ Follow the on screen instructions.
- ⑥ After setting, press the **SET** key to set up the function.

■ Checking the Copier's Total Counter

To display the copier's Total Counter, press the **COPY SIZE** and **PAPER TRAY** keys simultaneously.

NOTE

- Please refer to each option's operating instructions for function settings.

Function

General Functions

No.	Modes	Function	Initial Setting
00	SORT MODE DEFAULT	Selects the sort mode. ● NON-SORT, SORT	NON-SORT
02	POWER ON DEFAULT	Select mode.* ● Copy, Fax	Copy
05	SORT MEMORY USAGE	Displays the amount of sort memory used on the panel. ● OFF, DISPLAY	OFF
06	DEPT. COUNTER	Copy usage and copy limit of the selected department and total copy usage will appear on the screen.	Consult your service technician.
08	SORT-ROTATE DEFAULT	Select Sort-Rotate mode. ● OFF, ON	OFF
09	KEY OPERATOR MODE	Input the key operator ID code.	

NOTE

* Not available for plain copier, but will be available when installing options with advanced functions. (See page 51)

Copier Settings

No.	Modes	Function	Initial Setting
00	MARGIN DEFAULT	Selects the margin position and shift value. ● POSITION (Left, Right, Top, Bottom) ● VALUE (5 - 99 mm)	LEFT 10 mm
01	EDGE DEFAULT	Selects the edge mode (Equal Rate = set the same value for X & Y or Individual = set the value for X & Y individually) and width. ● EQUAL RATE (X & Y), INDIVIDUAL ● 5 - 99 mm	EQUAL RATE 5 mm
02	BOOK MARGIN DEF.	Selects the book Center Void margin width. ● 5- 99 mm	20 mm
03	FRAME MARGIN	Select the reduction ratio in margin mode. ● INVALID, VALID	INVALID
05	2 in 1 WITH FRAME	Selects whether or not to disable edge deletion. ● INVALID, VALID	INVALID
06	DIGITAL SKYSHOT	Enables or disables the use of skyshot mode. ● OFF, NORMAL, QUALITY	NORMAL
07	MANUAL SKYSHOT	Enables or disables the use of Manual Skyshot. ● OFF; M1 ON; M2 ON; M1, M2 ON	OFF
08	AUTO EXPOSURE	Automatically adjusts the copy density for text and photographic originals. ● INVALID, VALID	VALID
12	2 in 1 DEFAULT	Selects the orientation and layout for 2 in 1 Copy. ● ORIENTATION (Portrait, L-Scape) ● LAYOUT (L → R, R → L)	PORTRAIT L → R
13	2 PAGE MODE DEF.	Selects the 2 page mode. ● L → R, R → L	L → R
14	KEY OPERATOR MODE	Input key operator ID code.	

NOTE

- Certain Functions or Parameters are available for selection only when their respective option is installed.

Function

General Functions for Key Operator

No.	Modes	Function	Initial Setting
00	PAPER SIZE	Sets the paper size of each paper tray. ● Tray-1, Tray-2, Tray-3, Tray-4	Consult your service technician.
01	AUTO RESET TIME	Selects the Control Panel reset time. ● OFF, 30 sec, 1 min., 2 min., 3 min., 4 min.	1 min.
02	ENERGY SAVER MODE	Sets the Energy Saver mode and time. ● INVALID, ENERGY-SAVER, SLEEP Energy save mode timer : 1-120 minutes Sleep mode timer : 1-120 minutes	SLEEP
03	ENERGY SAVER TIME	Sets the on time and off time for Energy Saver mode. ● Start time - End time	
04	LANGUAGE DEFAULT	Selects the message language of the display. ● A-ENGLISH, C-FRENCH, SPANISH	A-ENGLISH
05	SPECIAL TRAY 1	Sets the paper tray for special paper (ex: colored). ● NONE, TRAY 1, TRAY 2, BYPASS	NONE
06	SPECIAL TRAY 2	Sets the paper tray for special paper. ● NONE, TRAY 1, TRAY 2, BYPASS	NONE
09	KEY/TOUCH BEEP	Sets the panel touch sound. ● OFF, SOFT, LOUD	SOFT
10	BYPASS SET BEEP	Sets the sound when put paper(s) on bypass tray. ● 1: INVALID 2: VALID	INVALID
11	ORIG. SET BEEP ADF	Sets the sound when put paper(s) on ADF. ● 1: INVALID 2: VALID	VALID
15	TOTAL COUNT	Total print out volume from the main unit.	
16	PC PRINT COUNT	Total print out volume from the PC.	
20	DATE & TIME	Sets the date & time.	
21	DAYLIGHT TIME	Sets daylight saving time. ● INVALID, VALID	VALID
25	COPY SETTING LIST	Prints list containing Current Setting and Standard Setting.	

NOTE

- It is necessary to input the Key Operator ID code before changing items on this page.
- The Special Tray 1 and 2 are not auto-selectable in the switching mode.
- * Not available for plain copier, but will be available when installing options with advanced functions. (See page 51)

Copier Settings for Key Operator

No.	Modes	Function	Initial Setting
01	ORIGINAL (HOME)	Selects original setting ● TEXT, T/P (Text/Photo), PHOTO	T/P (Text/Photo)
02	TEXT CONTRAST	Selects contrast for Text mode ● 1 ~ 5	3
03	T/P CONTRAST	Selects contrast for Text/Photo mode ● 1 ~ 5	3
04	PHOTO CONTRAST	Selects contrast for Photo mode ● 1 ~ 5	3
10	MAX. COPY SETTING	Determines whether to limit number of copies ● 1 ~ 999	999
12	M1, SIZE	Input a size in memory 1 for frequent usage size. ● X: 5~432/Y: 5~297 mm (See page 25)	70 × 160 mm (X) (Y)
13	M2, SIZE	Input a size in memory 2 for frequent usage size. ● X: 5~432/Y: 5~297 mm (See page 25)	95 × 220 mm (X) (Y)
16	MEM. FULL ACTION	Selects the memory full action ● PRINT, CANCEL	Print

NOTE

- It is necessary to input the Key Operator ID code before changing items on this page.

Function

Function Setting

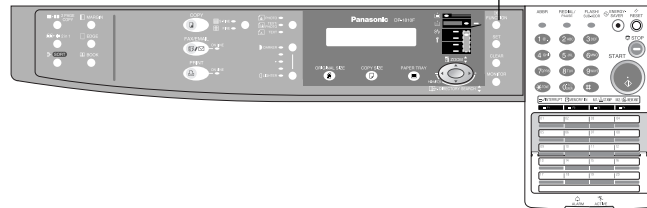
■ Changing the Auto Exposure Setting

You can select whether the copying density is adjusted automatically for text and photographic originals.

1

Press the **FUNCTION** key.

FUNCTION Key



2

Proceed as Follows:

```
FUNCTION MODE (1-2)
ENTER NO. OR ∨ ∧
```

① Press the **2** key to select COPIER SETTINGS.

```
2:COPIER SETTINGS
PRESS SET TO SELECT
```

② Press the **SET** key.

```
COPIER PARAM. (00-14)
ENTER NO. OR ∨ ∧
```

③ Press **8** and **SET** key to select AUTO EXPOSURE MODE.

```
08 AUTO EXPOSURE
2:VALID
```

④ Press **1** or **2** key to select whether Auto Exposure is to be carried out or not.

⑤ Press the **SET** key to set up the AUTO EXPOSURE MODE.

⑥ Press the **RESET** key to exit the Function mode.

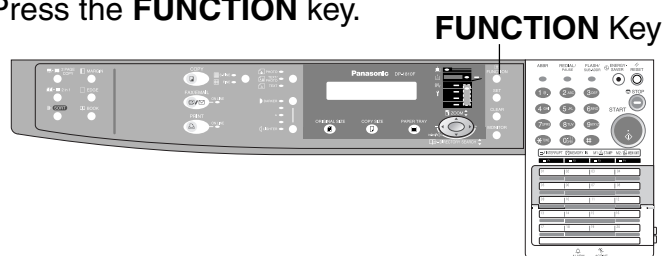
Function Setting for Key Operator

■ Changing the Paper Size

The Paper Trays are designed to accommodate Invoice, Letter, Letter R, Legal and Ledger size paper. To change the paper size, perform the steps shown below.

1

Press the **FUNCTION** key.



2

Proceed as Follows:

```
FUNCTION MODE (1-2)
ENTER NO. OR v ^
```

- ① Press the **1** key to select GENERAL FUNCTIONS.

```
1:GENERAL FUNCTIONS
PRESS SET TO SELECT
```

- ② Press the **SET** key.

```
GENERAL PARAM. (0-9)
ENTER NO. OR v ^
```

- ③ Press **9** key.

```
09 KEY OPERATOR MODE
ENTER PASSWORD= _ ■ ■
```

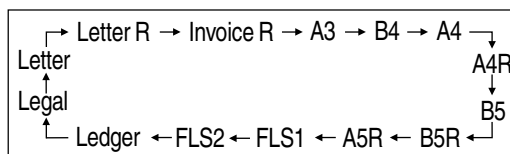
- ④ Input the Key Operator ID code (3 digit) and the **SET** key.

```
KEY OPR. MODE (00-25)
ENTER NO. OR v ^
```

- ⑤ Press **00** and **1** or **2** key to select the PAPER SIZE.

```
00 PAPER SIZE
1:TRAY-1 [LTR]J
```

- ⑥ Press **SET** to select the paper tray and press (**▼** or **▲**) keys to set the paper size. Paper size changes are as follows.



- ⑦ Press the **SET** key to set up the PAPER SIZE.

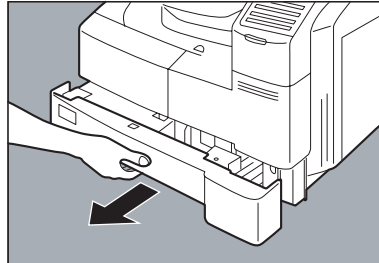
- ⑧ Press the **RESET** key to exit the Function mode.

Function

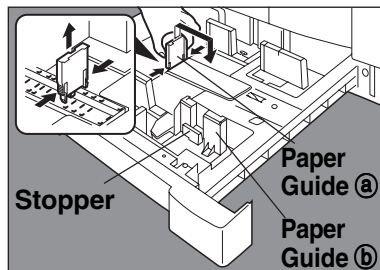
Function Setting for Key Operator

3

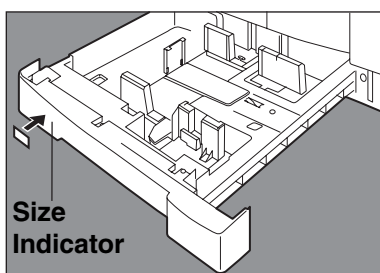
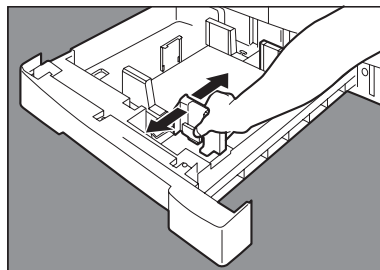
Changing the Paper Guide and Paper Size Indicator in the Paper Tray



- ① Pull the Paper Tray out and remove paper.



- ② Adjust the paper guide (a) to the required paper length.
- ③ Adjust the Paper Guide (b) to the required paper width. Pinch the stopper to move the Paper Guide (b).



- ④ Change the Paper Size Indicator.

- ⑤ Close the Paper Tray.

NOTE

- It is recommended that the paper guide (b) be fixed in place with screws. Consult an authorized servicing dealer for details on how to fasten with screws.

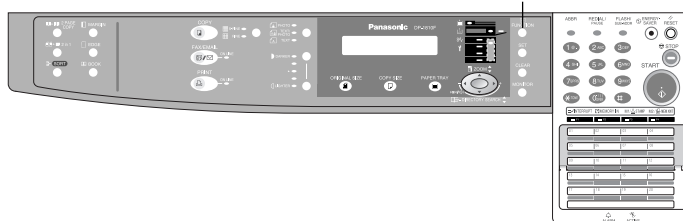
■ Department Counter

The Key Operator can manage, limit copies, counters and code numbers for each department.
(Maximum department counters: 50)

1

Press the **FUNCTION** key.

FUNCTION Key



2

Proceed as Follows:

```
FUNCTION MODE (1-2)
ENTER NO. OR v ^
```

- ① Press the **1** key to select GENERAL FUNCTIONS.

```
1:GENERAL FUNCTIONS
PRESS SET TO SELECT
```

- ② Press the **SET** key.

```
GENERAL PARAM. (0-9)
ENTER NO. OR v ^
```

- ③ Press **9** key.

```
09 KEY OPERATOR MODE
ENTER PASSWORD=_ ■ ■
```

- ④ Press the Key Operator ID code (3 digit) and **SET** key.

```
KEY OPR. MODE (00-25)
ENTER NO. OR v ^
```

- ⑤ Press **14** and the **SET** key to select DEPT. COUNTER MODE.

Continued on the next page...

NOTE

- To reset the function mode, press the **RESET** key.
- Contact your authorized servicing dealer to enable the Department Counter feature.

Function

Function Setting for Key Operator

3

Select the Department Counter Mode.

```
DEPT. COUNTER MODE
1: TOTAL COUNTER
```

```
DEPT. CODE (01-50)
ENTER NO. OR v ^
```

Press **2** and the **SET** key.

4

Change the Department ID Code, limit the maximum number of copies and Department Counter number.

```
I.D CODE
01: 1234
```

- ① Press the **Keypad** and the **SET** key to input the Department ID Code.

```
01: 1234 ← Department ID Code
↑
Department No.
```

```
MAX COPIES
01: 123456
```

- ② Press the **Keypad** and the **SET** key to input the maximum number of copies.

```
01: 123456 ← Maximun number of copies (6 digits)
↑
Department No.
```

```
DEPT. COUNTER
01: 123456
```

- ③ Press the **Keypad** and the **SET** key (**▼** or **▲** keys) to select the Department No.

```
01: 123456 ← Counter (6 digits)
↑
Department No.
```

- ④ Press **0** and the **SET** key (Input "0") to clear the counter.

NOTE

- To reset the function mode, press the **RESET** key.

Accessories

Components

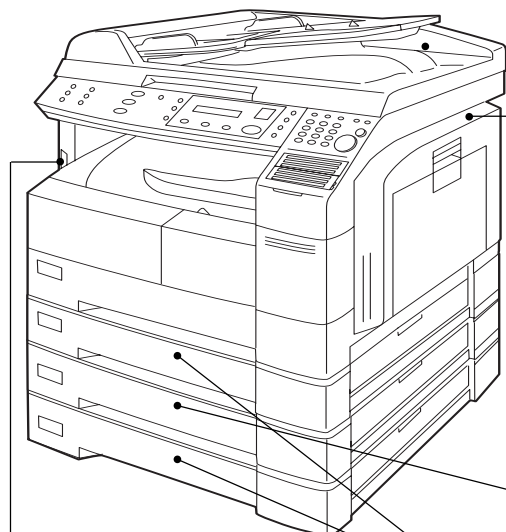


Image Memory

(DA-SM8B/SM16B/SM64B/SM28B)

- 8/16/64/128 MB
- To increase the memory capacity for electronic sorting and sort printing.

PCL6 Emulation Kit

(DA-PC210)

- Printer Controller for PCL6*

10/100 Ethernet Interface/ Internet Fax Kit

(DA-NE200)

- Network Interface Board

2nd/4th Paper Feed Module

(DA-DS182)

- To increase the paper feed sources and capacity.
Paper Feed Module × 1
(550 sheets)

3rd Paper Feed Module

(DA-DS183)

- To increase the paper feed sources and capacity.
Paper Feed Module × 1
(550 sheets)

NOTE

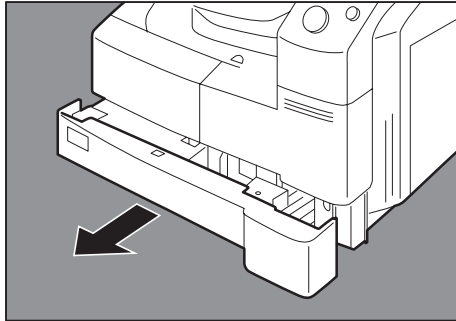
* PCL6 is a Page Description Language of the Hewlett-Packard Company.

Problem Solving

Adding Paper (📄)

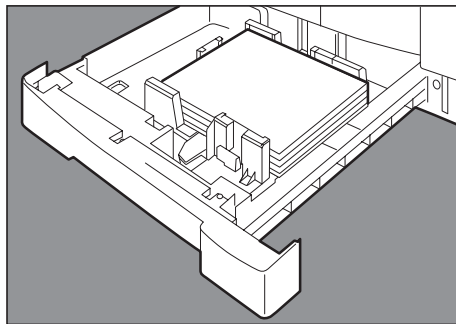
■ 550-Sheet Paper Tray

1



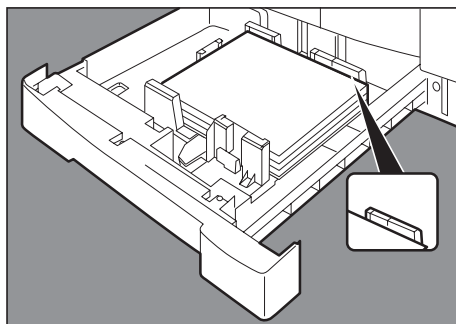
Pull the Paper Tray out.

2



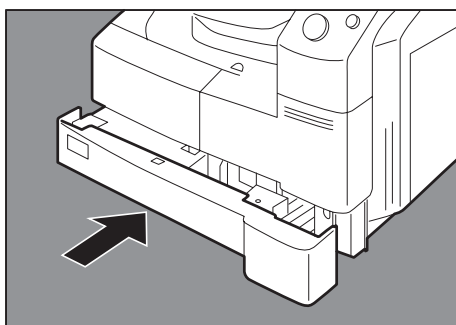
Place the paper with the copying surface facing upward.
Special papers, like glossy paper, mailing labels and transparencies cannot be used in the paper tray.
Use the Sheet Bypass for special paper.

3



Make sure paper is not loaded above the overfill indicator located in the Paper Tray.

4



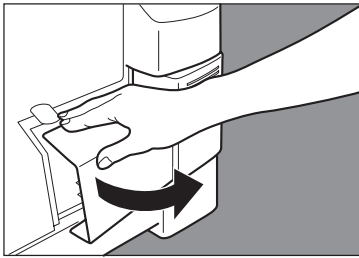
Firmly push the Paper Tray back into the copier.

ATTENTION

- Do not use paper with folds or wrinkles. Refer to page 34 for details on adjusting the paper tray size.
- Unused paper should always be placed into a bag and the opening should be sealed for storage. If the paper is left exposed, problems such as paper curl, paper jams, wrinkles or loss of copied image quality may occur.

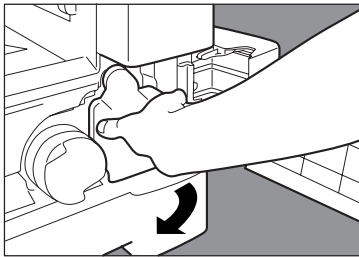
Adding the Toner and Replacing Toner Waste Container (🗑️)

1



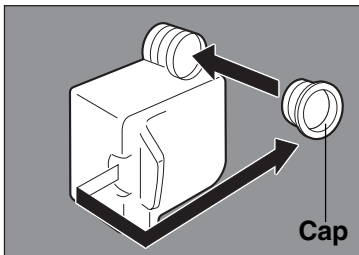
Open the Front Cover.

2



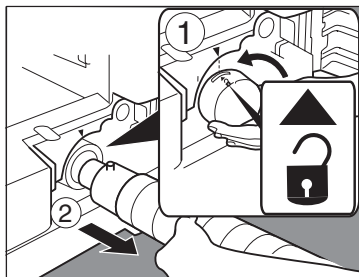
Remove the Toner Waste Container by slowly pulling it towards the left as illustrated.

3



Seal the container with the enclosed cap and dispose of it properly.

4



① Turn the empty Toner Bottle counter-clockwise until it stops. The Arrow mark (**Unlocked** symbol 🗝️) visible on the end of the Toner Bottle is aligned with the Arrow mark on the machine.

Note: To prevent toner spill, ensure that the key is facing upwards before removing the toner bottle.

② Pull the empty Toner Bottle out.

Note: If the bottle will not pull out from the machine, turn the bottle slightly in either direction to release the key and try it again.

ATTENTION

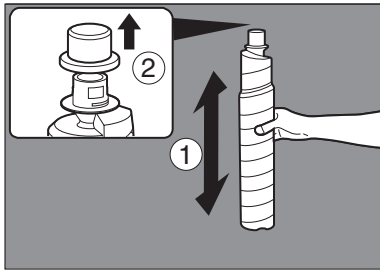
- For optimum copy quality use the recommended Panasonic toner. Store toner in a cool dark place. Do not unseal toner before use. Use it as fast as possible after unsealing.
- When U13 is displayed the Add Toner Warning Indicator will begin to flash. This message is to prompt you that the toner bottle is nearly empty (approx. 300-sheets can be printed). This message will continue to be displayed until the bottle is replaced. When the count-down counter reaches 0, the copier will stop operating. To clear the message and enable the copier to operate, replace the empty toner bottle with a new one.



Problem Solving

Adding the Toner and Replacing Toner Waste Container (🗑️)

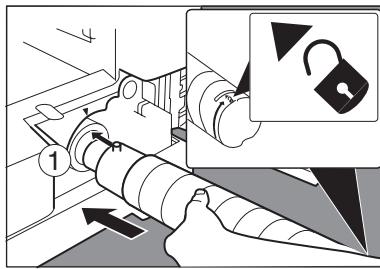
5



① Shake the new Toner Bottle four or five times to loosen the contents.

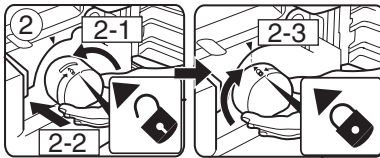
② Remove the cap from the Toner Bottle.

6



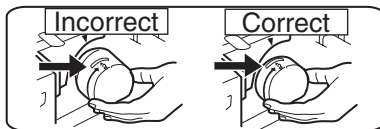
① Align the Key of the bottle, also represented by the Arrow mark (**Unlocked** symbol 🗝️) visible on the end of the Toner Bottle with the Arrow mark on the machine.

Note: To prevent toner spill, ensure that the key is facing upwards before installing the bottle.

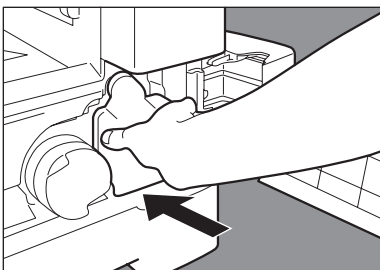


② Insert the bottle as far as it will go, then turn it clockwise (160°, approx. 1/2 turn) until it locks (**Locked** symbol 🗝️).

Note: If the bottle is not inserted all the way into the machine as illustrated, turn the bottle slightly in either direction to engage the key and try it again.



7



Install a new Toner Waste Container.

8

Close the Front Cover.

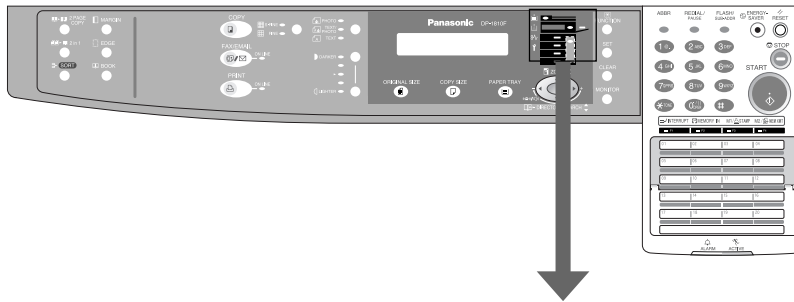
ATTENTION

- Do not reuse the toner from the Toner Waste Container.

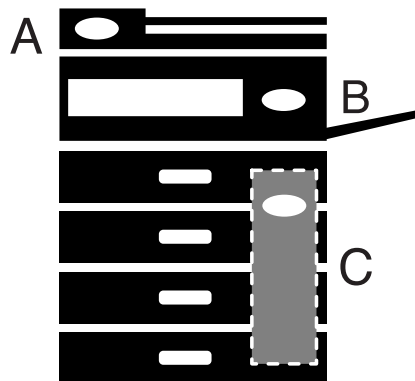
Removing a Misfed Paper

■ Paper Misfeed Indicators and Locations

When a paper misfeed occurs, the misfeed indicator and the misfeed location(s) will be displayed on the panel display.



 Misfeed Indicator



Paper Misfeed Locations

- A: ADF (see page 45)
(J70, J71)
- B: Copier (Paper Exit, Paper Entry/Transport)
area (see page 42-43)
(J51 - J59, J80)
- C: Paper Feed Module (see page 44)
(J00 - J50)

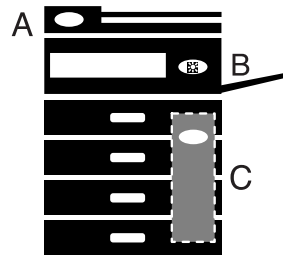
NOTE

- Make sure that the misfeed indicator goes off after removing the misfed paper.
- The misfeed indicator will not go off if the paper is still jammed in the copier. Check again and remove all misfed paper.



Problem Solving

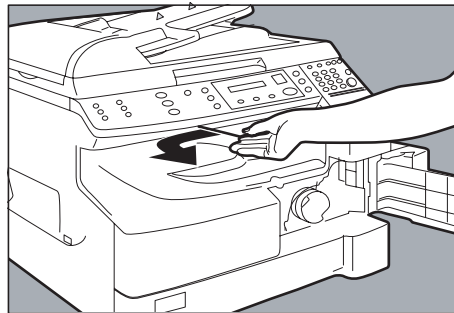
Removing a Misfed Paper



■ Paper Exit Area

- Make sure that the misfeed indicator goes off after removing all misfed paper.

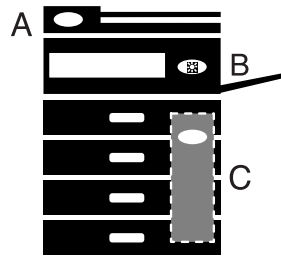
1



Remove the misfed paper.

ATTENTION

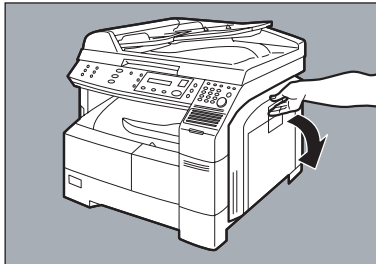
- Make sure that the misfeed indicator goes off after removing all misfed paper.



■ Paper Entry/Transport Area

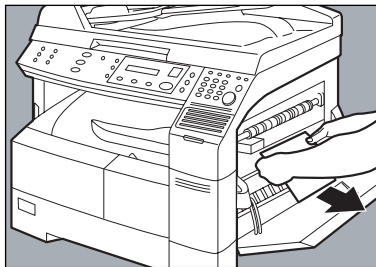
- Make sure that the misfeed indicator goes off after removing all misfed paper.

1



Open the Right Cover.

2



Remove the misfed paper.

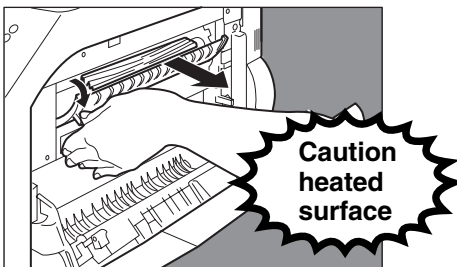
3



If copy paper is fed far into the copier:

- ① Turn the right paper clearing knob.
- ② Remove the misfed paper.

4



- ① Open the Heat Roller Cover.
- ② Remove the misfed paper.
- ③ Close the Right Cover.

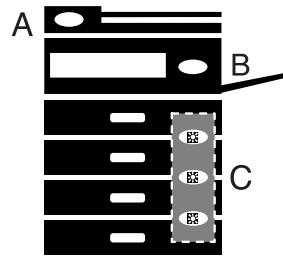
Caution: This fuser area may be hot.

ATTENTION

- Make sure that the misfeed indicator goes off after removing all misfed paper.

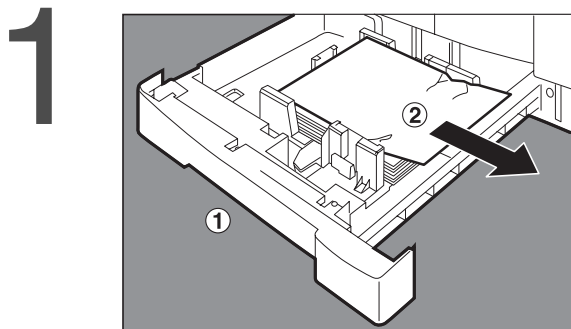
Problem Solving

Removing a Misfed Paper

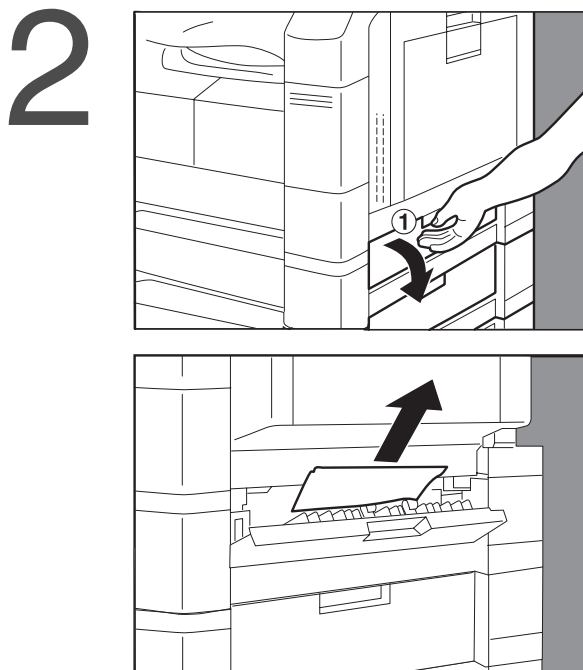


■ Paper Feed Module

- Make sure that the misfeed indicator goes off after removing all misfed paper.



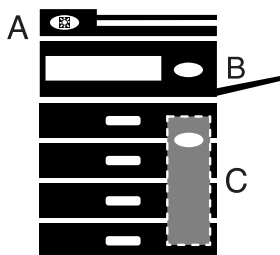
- ① Pull the Paper Tray out.
- ② Remove the misfed paper.
- ③ Return the Paper Tray to the original position.



- ① Open the Feed Cover.
- ② Remove the misfed paper.
- ③ Close the Feed Cover.

ATTENTION

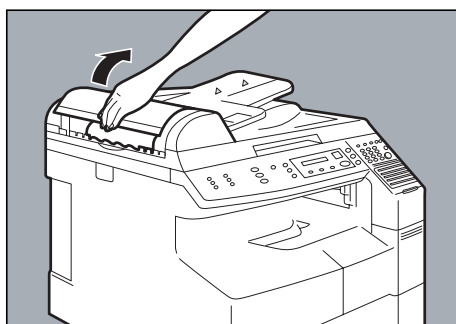
- Make sure that the misfeed indicator goes off after removing all misfed paper.



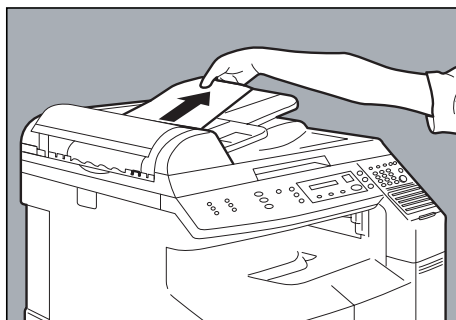
■ ADF

- Make sure that the misfeed indicator goes off after removing all misfed paper.

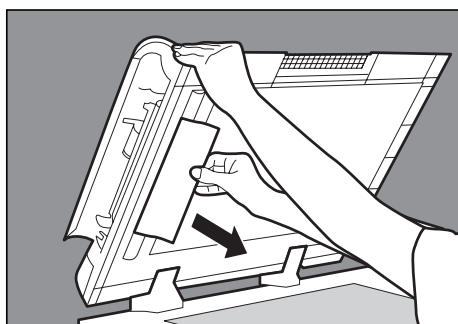
1



- ① Open the Entry Cover.
- ② Remove the misfed paper.
- ③ Close the Entry Cover.



2



- ① Open the ADF Cover.
- Note:** To prevent damaging the originals, open the ADF Cover before removing the misfed original(s).
- ② Remove the misfed paper.
 - ③ Close the ADF Cover.
 - ④ Close the ADF.

ATTENTION

- Make sure that the misfeed indicator goes off after removing all misfed paper.
- To prevent original(s) damage, please make sure to open the ADF Cover before removing misfed original(s).

Troubleshooting

Before Calling Service

Check	Action
Unit Does Not Operate	
Does the display light? ↓ (No)	➔ Check if the Power Switch is turned On and that the power cord is connected into the outlet. (Yes)
Does the Energy Saver key flash (or light) and displays are turned OFF? (See page 23) ↓ (No)	➔ Press Energy Saver key on the Control Panel. (Yes)
Does any of the U## codes and messages appear on the display? (U01, U07, U13, U14, U20 and U21) (See page 48) ↓ (No)	➔ Perform actions in accordance with each message. (Yes)
Does the add paper indicator and message appear on the display? (📄)* ↓ (No)	➔ Add paper. (See page 38) (Yes)
Does the paper misfeed indicator and message appear on the display? (8V) ↓ (No)	➔ Remove the misfed paper. (See page 41) (Yes)
Does E#-## indicator and message appear on the display?	➔ Turn the copier Off, then On. If the Error Code does not clear, call for service. (Yes)

When the Add Toner Warning Indicator begins to flash* or is lit, replace the toner bottle with a new one. After this warning is activated, machine operation will begin with the Toner Charging Mode (approximately 3 minutes to complete) each time the power switch is turned Off then On or if the Front/Right Cover is opened and then closed.

Note: *When the warning indicator starts flashing, a 300-sheet count-down counter is activated, and upon reaching 0 the machine will stop operating. The 300-sheet counter is based on 6% fill, depending on the density some pages may print Blank.

Machine operation and displays are as follows:

1. When turning the power switch to On or opening and then closing the Front/Right Cover, the machine starts to warm-up and the LCD displays:

PLEASE WAIT...

2. The Toner Charging Mode starts and the LCD displays:

CHARGING TONER

Add Toner Warning Indicator:

- Flashing = Toner Bottle is nearly empty
- Lit = Toner Bottle is empty

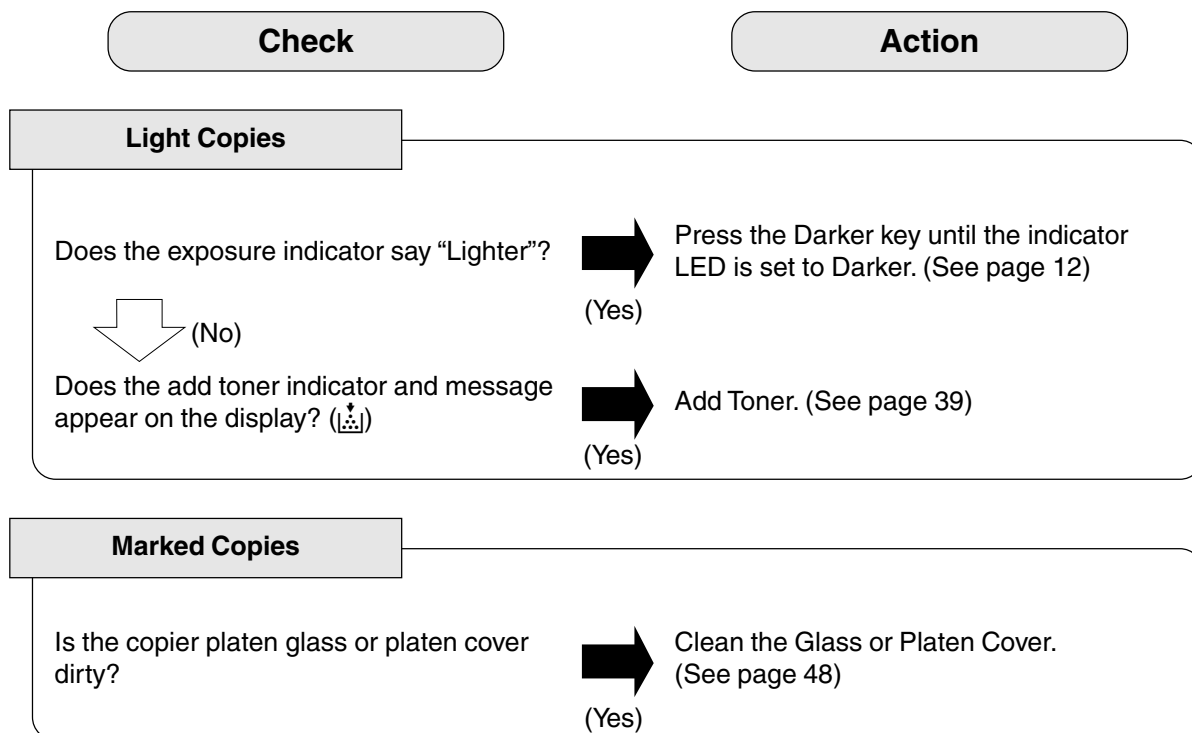
3. This message is displayed for approximately 200 seconds.

CHARGING TONER



* Each "■" is approximately 10 sec.

4. This message will continue to be displayed until the warm-up cycle is completed, and if the toner bottle was replaced. Upon completion, the Add Toner Warning Indicator automatically turns Off.



Troubleshooting

User Error Codes (U Code)

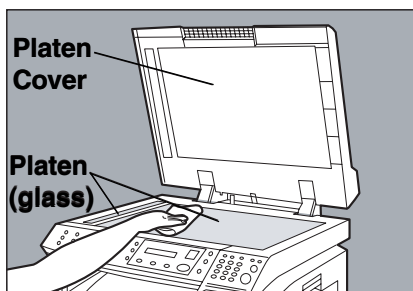
The self-diagnostic functions detect troubles in the important components of the copier. When any trouble occurs, the copier stops.

Code	Display Message	Check Points
U01	CLOSE FRONT/RT COVER	Front Cover is open.
U07	CLOSE FEED COVER	Feed Cover is open.
U13	TONER IS RUNNING LOW NO WASTE TONER BOX	1. Toner Bottle is incorrectly installed. 2. Low Toner.
U14	WASTE TONER BOX IS FULL	1. Toner Waste Container is incorrectly installed. 2. Toner Waste Container is full of toner.
U20	CLOSE ADF COVER	ADF Cover is open.
U21	CLOSE PLATEN COVER	While the copier is initializing, the ADF Cover was opened. (Optional ADF installed)

■ If the measures outlined above do not solve the problem, call your Service provider.

Copier Care

■ As a rule, clean weekly.



Platen/Platen Cover

- ① Wipe marks off with a cloth and a neutral detergent.
- ② Wipe again with a dry cloth.

Replacing the Battery

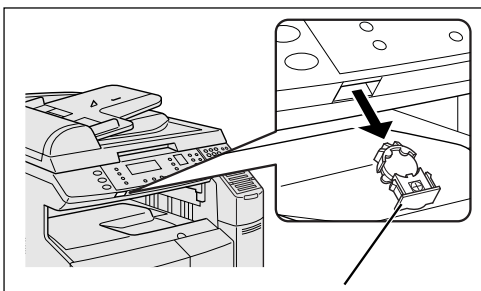
The copier has an internal battery (Product No.: CR2032) which maintains the date setting in the event of a power outage.

■ Battery Replacement Required Message

REPLACE BATTERY
U90

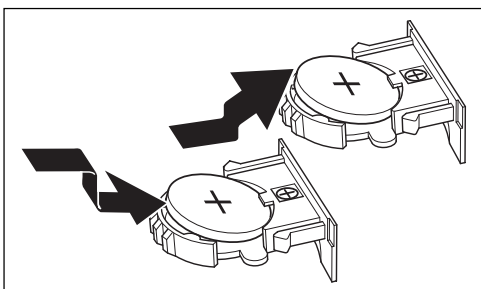
■ Battery Replacement Procedure

1



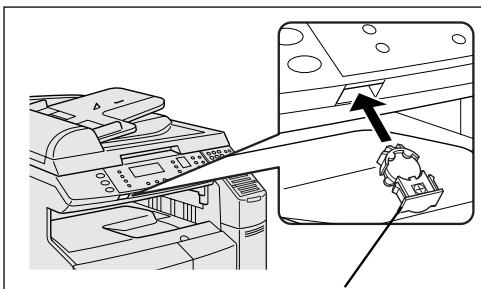
Turn the power Off.
Pull out the Battery Holder.

2



Replace the Battery.

3



Reinstall the Battery Holder.

4

Turn the power On.
Set the Date and Time. (See P.30)

ATTENTION

- The service life of the battery is approximately 1 year when the machine is turned "Off".

CAUTION

denotes hazards that could result in minor injury or damage to the machine.

- THIS PRODUCT CONTAINS A LITHIUM BATTERY. DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS OF YOUR LOCAL SOLID WASTE OFFICIALS.

Specifications

■ DP-1810F (Copier)

Type	Desktop
Platen Type	Fixed
Acceptable Originals	Sheets, Books (max. Ledger)
Copying Method	Laser Electrophotography
Fixing Method	Heat Roller Fixing
Imaging Method	Dry-Type Single component imaging
Resolution	Max. 600 dpi
Maximum Copy Size	Ledger - Invoice via paper tray
Void Area	Max. 0.2 in (5 mm)
Warm Up Time	Approx. 30 seconds (68°F/20°C)
First Copy Time	Approx. 6.5 seconds (Letter <input type="checkbox"/> , from 1st tray)
Multi-Copy Speed	18 Letter size copies per minute
Enlargement Ratios	Preset: 121%, 129%, 155%, 200% Variable: from 101% to 200% in 1% increments
Reduction Ratios	Preset: 79%, 77%, 65%, 61%, 50% Variable: from 99% to 50% in 1% increments
Paper Feed	Paper tray (550 sheets × 1) + Sheet bypass (50 sheets) 2nd Paper feed module (550 sheets - option) 3rd Paper feed module (550 sheets - option) 4th Paper feed module (550 sheets - option)
Paper Weight	Paper Tray: 16 - 24 lb (60 - 90 g/m ²) [Sheet Bypass: 15 - 34 lb (56 - 128 g/m ²)]
Quantity Selector	Max. 999 sheets (output tray capacity is 250 sheets)
Electrical Consumption	AC 120V, 50/60Hz, 9A
Energy Consumption	Max. 1.2 kW, 1.5 Wh in Sleep Mode
Dimensions (W × D × H)	23.1 × 25.5 × 20.6 in (588 × 647 × 522 mm)
Weight	99 lb (45 kg)
Operating Environment	Temperature: 50 - 95°F (10 - 35°C) Relative Humidity: 45 - 85% (However, the humidity should be 70% or less at a temperature of 95°F (35°C), and the temperature should be 86°F (30°C) or less at a humidity level of 85%.)

- Specifications are subject to change without notice.

■ 2nd/4th Paper Feed Module (DA-DS182)

	DA-DS182
Paper Size	Invoice/Letter/Legal/Ledger
Paper Weight	16 – 24 lb (60 – 90 g/m ²)
Electrical Requirements	Supplied from the copier
Dimensions (W × D × H)	21.7 × 6.1 × 23.0 in (550 × 155 × 585 mm)
Weight	20.9 lb (9.5 kg)

■ 3rd Paper Feed Module (DA-DS183)

	DA-DS183
Paper Size	Invoice/Letter/Legal/Ledger
Paper Weight	16 – 24 lb (60 – 90 g/m ²)
Electrical Requirements	Supplied from the copier
Dimensions (W × D × H)	21.7 × 6.1 × 20.1 in (550 × 155 × 585 mm)
Weight	20.9 lb (9.5 kg)

- Specifications are subject to change without notice.

Options and Supplies

■ The DP-1810F is a digital photocopier which can produce images with great clarity. Furthermore, its copying functionality can also be greatly enhanced by the addition of the following options and supplies. We hope you find that the wide ranging capabilities will make your office-place more productive and efficient.

■ Options

Part Name	Part No.	Remarks
2nd/4th Paper Feed Module	DA-DS182	
3rd Paper Feed Module	DA-DS183	
Plain Stand (High)	DA-DA180	For USA/Canada only
Plain Stand (Medium)	DA-DA181	For USA/Canada only
Plain Stand (Low)	DA-DA182	For USA/Canada only
Base Stand	DA-DA183	For USA/Canada only
Image Memory (8 MB)	DA-SM8B	For Electronic Sorting and Sort Printing
Image Memory (16 MB)	DA-SM16B	For Electronic Sorting and Sort Printing
Image Memory (64 MB)	DA-SM64B	For Electronic Sorting and Sort Printing
Image Memory (128 MB)	DA-SM28B	For Electronic Sorting and Sort Printing
Key Counter Cable Kit	DA-KH200	

■ For Printer

Part Name	Part No.	Remarks
PCL6 Emulation Kit	DA-PC210	Printer Controller for PCL6*. (Local Printing, for Network Printing below)

■ For Fax

Part Name	Part No.	Remarks
Handset Kit	UE-403167	Telephone Handset Kit (For USA and Canada)
	UE-403117	Telephone Handset Kit (For other countries)
Expansion Flash Memory Card	UE-410046	2 MB Flash Memory Card
	UE-410047	4 MB Flash Memory Card
	UE-410048	8 MB Flash Memory Card
Verification Stamp	DZHT000027	X-Stamp (For USA and Canada)
	DZHT000004	X-Stamp (For other countries)

■ For Network Printing / Email (Internet Fax)

Part Name	Part No.	Remarks
10/100 Ethernet Interface/ Internet Fax Kit	DA-NE200	Internet Fax Communication

■ Supplies

Part Name	Part No.	Remarks
Toner Bottle	DQ-TU10C	Toner Waste Container included

* PCL6 is a Page Description Language of the Hewlett-Packard Company.

NOTE

memo

U.S.A. Only

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