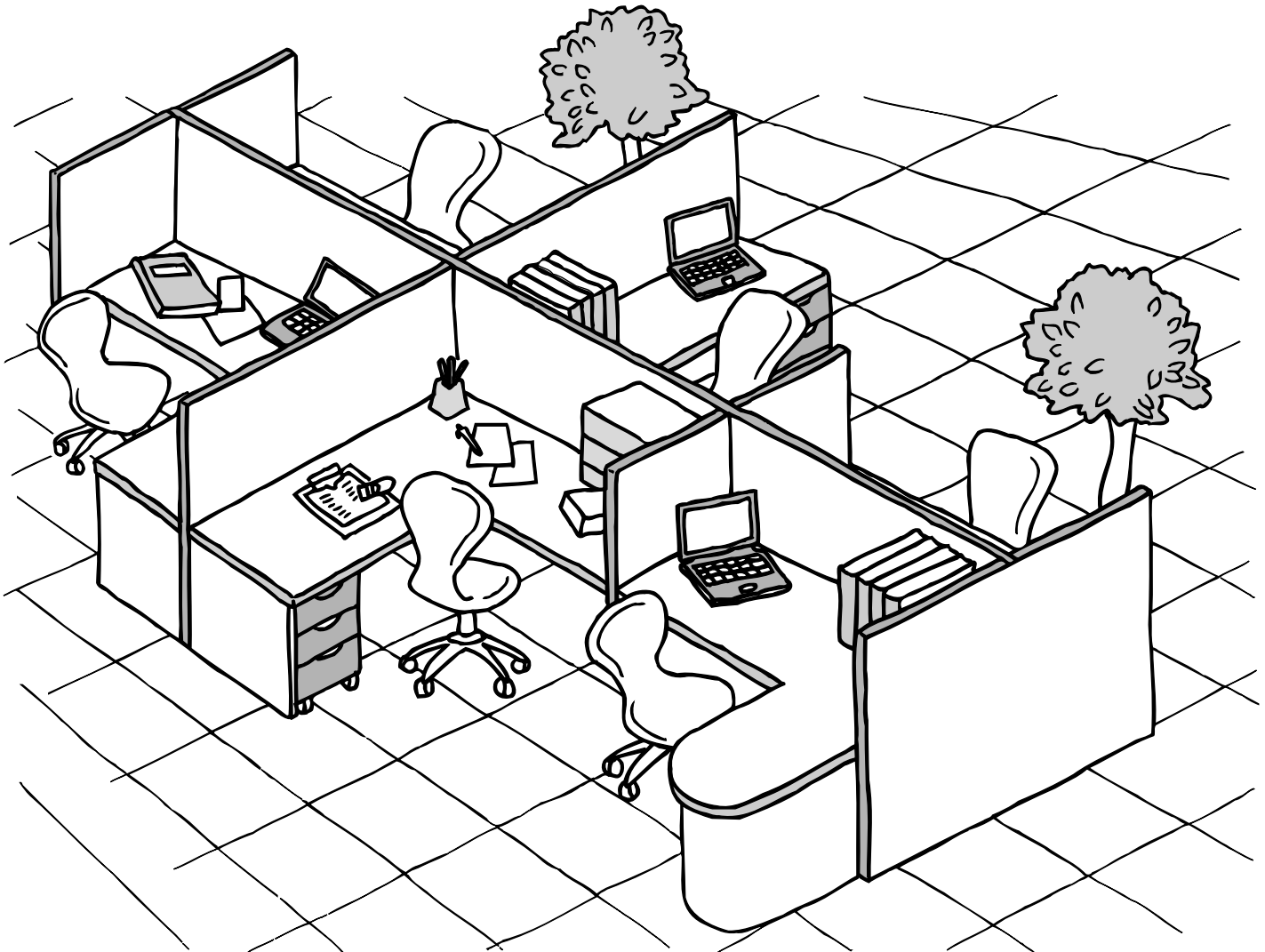


# Panasonic®

## Digital Imaging Systems Operating Instructions (For Copier)

Model No. DP-1810P



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

(      )

---

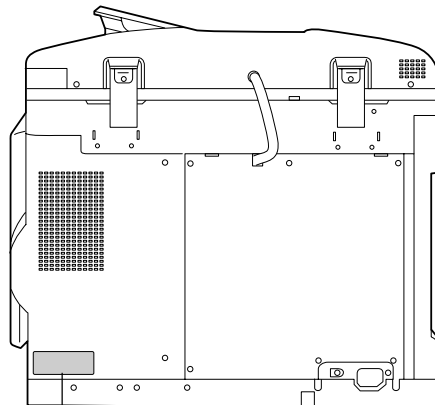
Supplies Telephone Number

(      )

---

Service Telephone Number

(      )



(Digital copier with ADF option)

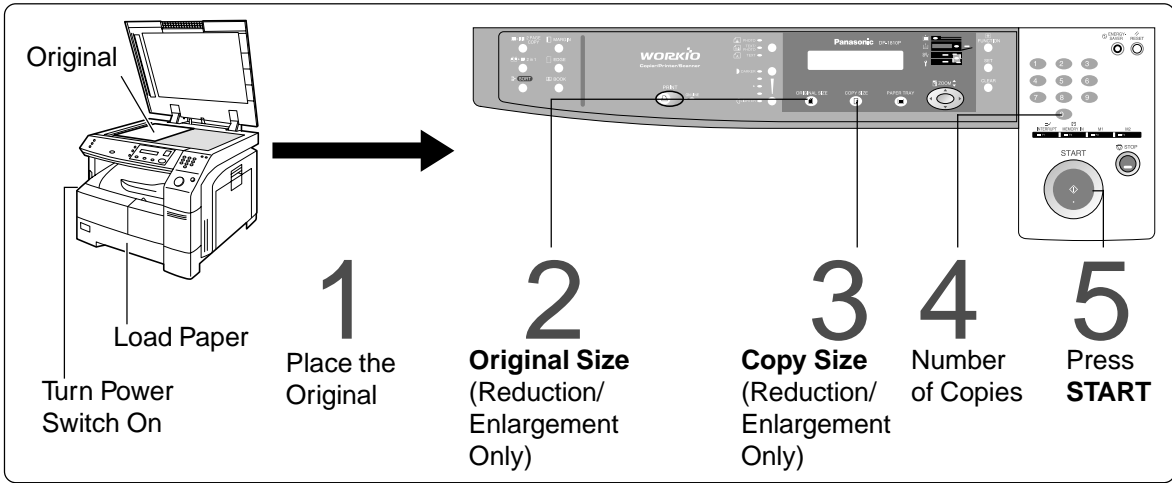
### Model and Serial Number

Copyright © 2002 by Matsushita Graphic Communication Systems, Inc.  
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.

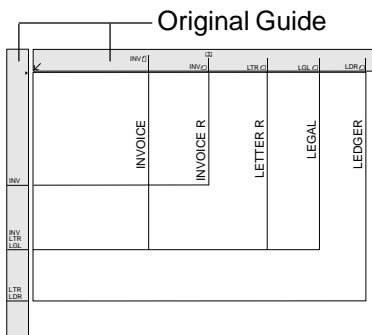
# Operation Chart

## Common Features and Usage

### Basic Operation



### Position of the Original



- 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

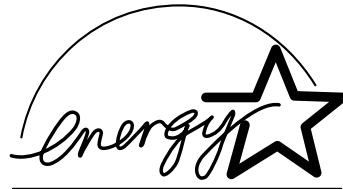
1 → 2 → 3 → 4 → 5 (See page 13)

### Memory Capacity

When the memory becomes full during original scanning, the message "Function not available for lack of memory" will be displayed in the message display. In this case, follow the operating instruction in the message display.

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

# Energy Star



As an **ENERGY STAR**<sup>®</sup> Partner, Panasonic has determined that this product meets the **ENERGY STAR**<sup>®</sup> 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**<sup>®</sup> compliant product will reduce energy consumption and ultimately benefit the environment.

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

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# Precautions

## For Your Safety

### ■ Laser Safety

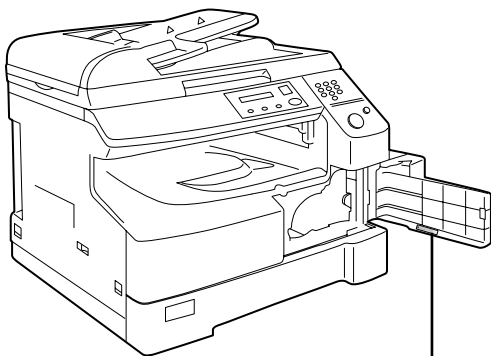
#### LASER SAFETY

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

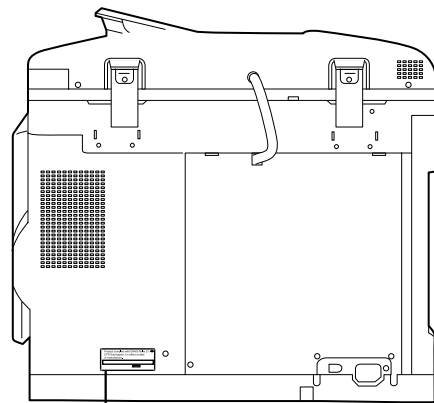
#### CAUTION:

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

### ■ Caution Labels




(Digital copier with ADF option)

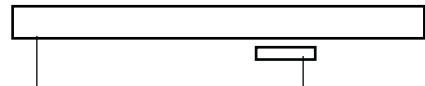


(Digital copier with ADF option)

• **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.

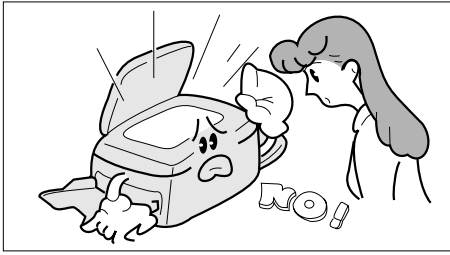


Manufacturer's name and address

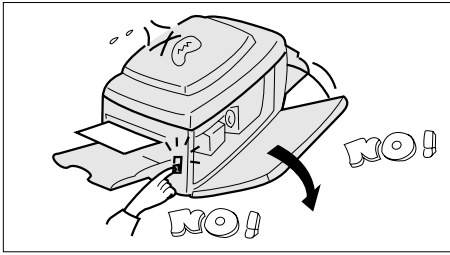
Factory ID

## Precautions

### Handling

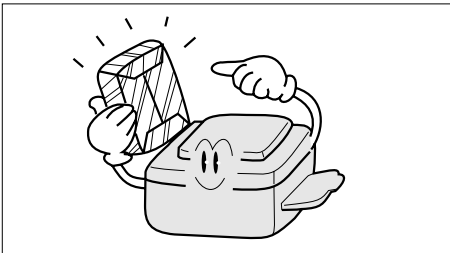


- Do not look directly at the exposure lamp when copying.



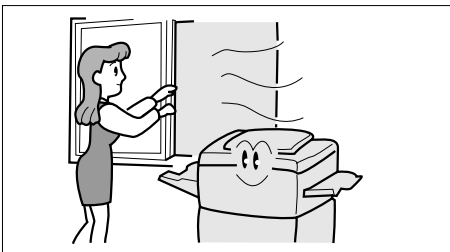
- Do not turn the power switch Off or open the front panel during copying.
- Do not drop paper clips or other metal objects into the copier.

### Toner and Paper



- Store toner, drum and paper in cool areas with low humidity.
- High quality paper of 16 - 24 lb (60 – 90 g/m<sup>2</sup>) [15 – 34 lb (56 – 128 g/m<sup>2</sup>) using the sheet bypass] may be used.
- For optimum performance, it is recommended that only Panasonic Brand supplies are used in the copier.

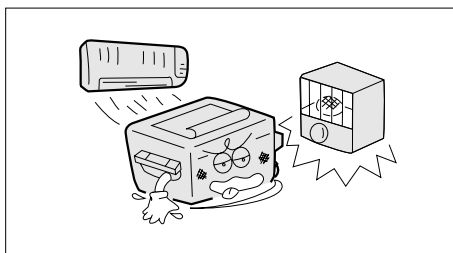
### Ventilation



- 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°F – 95°F (10°C – 35°C)  
Relative humidity: 45% – 85%
  - 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 1.5 kW.  
A properly wired (grounded), dedicated, 15A, 120 VAC 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:

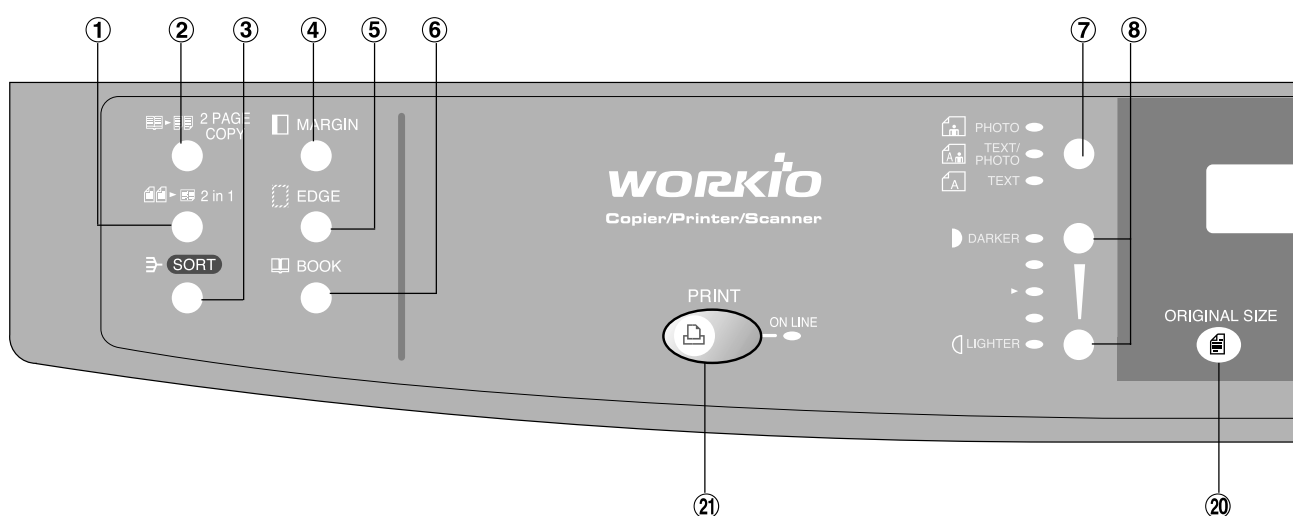
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, 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.

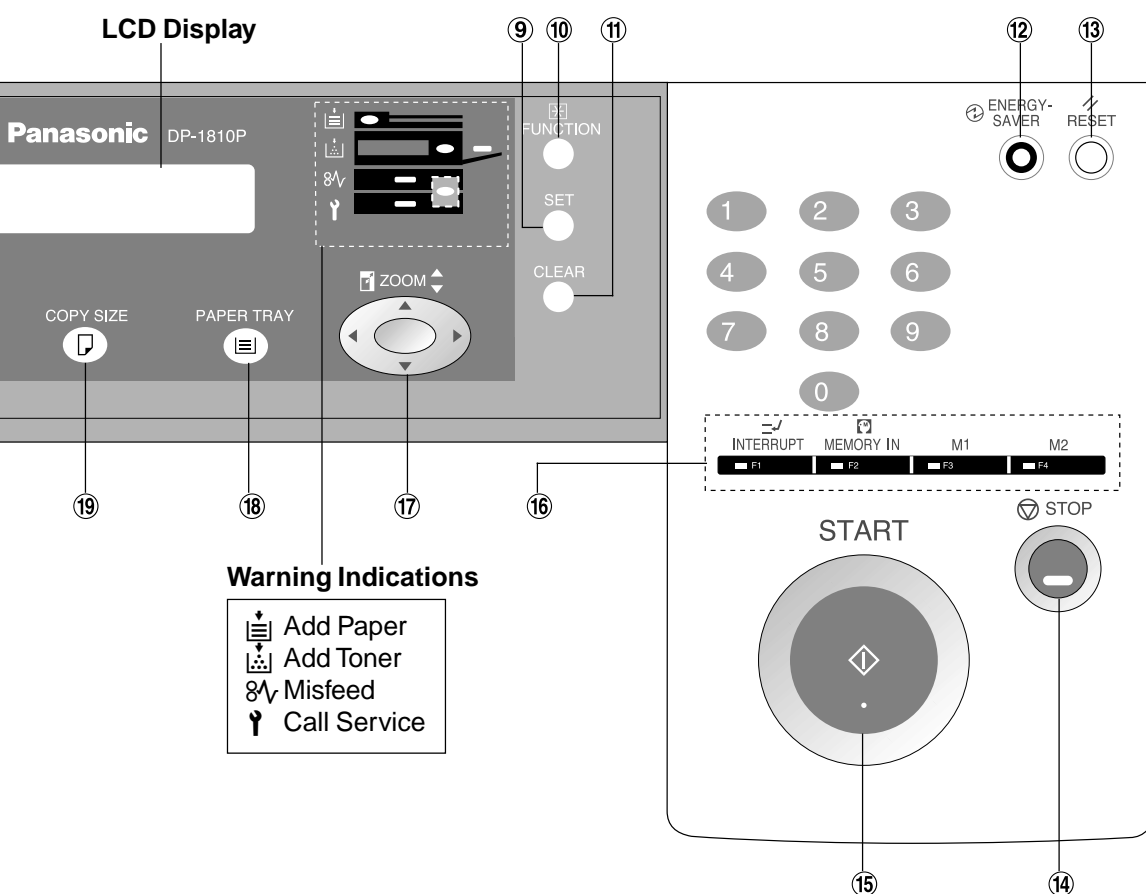
# Control Panel



No	Contents	Refer to
①	<b>2 in 1 Key</b> ● From two 1-sided originals, side by side, to 1-sided copies.	Page 16
②	<b>2 Page Copy Key</b> ● Copying two facing pages on a ledger size original on two separate letter size sheets.	Page 17
③	<b>Sort Key</b> ● When using Electric Sorting Mode. Optional memory is required.	Page 20
④	<b>Margin Key</b> ● Shifts the image to the right or left.	Page 18
⑤	<b>Edge Key</b> ● Creates a blank edge.	Page 18
⑥	<b>Book Key</b> ● Eliminates dark inner binding shadows.	Page 18
⑦	<b>Original Mode Select Key (Photo;Text/Photo;Text)</b>	Page 12
⑧	<b>Exposure Keys (Darker, Lighter)</b>	Page 12
⑨	<b>SET Key</b> ● Set the present selection.	—
⑩	<b>Function Key</b> ● Use when changing the paper size, initial values for functions (default values) and key operator settings.	Pages 25– 34
⑪	<b>Clear Key</b> ● Clears the copy count in the display.	—
⑫	<b>Energy Saver Key</b> ● Can save power while the copier is not in use.	Page 21
⑬	<b>Reset Key</b> ● Resets all features to the initial power-on state.	—

## NOTE

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



No	Contents	Refer to
⑭	<b>Stop Key</b> ● Stops the copy run.	—
⑮	<b>Start Key</b> ● Used to start an operation.	—
⑯	<b>Interrupt Key, Memory In Key, M1/M2 Keys</b>	Pages 19 – 21
⑰	<b>Cursor Keys</b> ● Select copy ratio and function modes using (▼ or ▲).	—
⑱	<b>Paper Tray Key</b> ● Used to select the paper tray manually.	—
⑲	<b>Copy Size Key</b> ● Used to select Reduction/Enlargement only. For additional details, see page 13.	—
⑳	<b>Original Size Key</b> ● Used to select the original size manually. For additional details, see page 13.	—
㉑	<b>Print Key</b> ● When selecting the Printer ON/OFF Line.	—

## NOTE

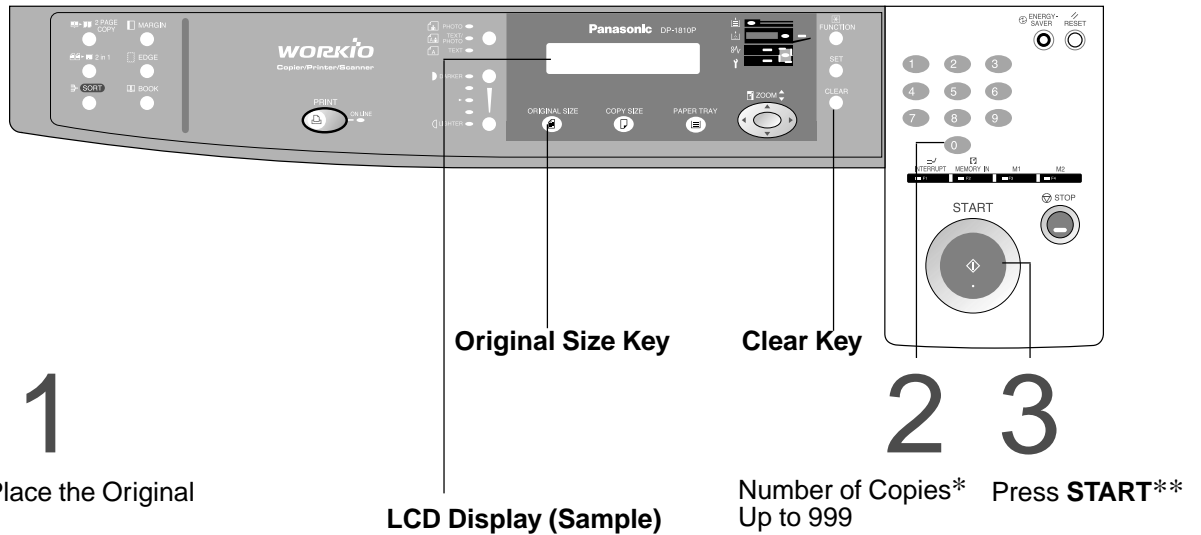
- The Control Panel displayed above shows only copier functions. Please refer to the operating instructions in the Panasonic Document Management System CD-ROM for the Printer control panel functions.

# Basic Copy

## Full Size Copying

### ■ Copying the Same Size Originals (1:1)

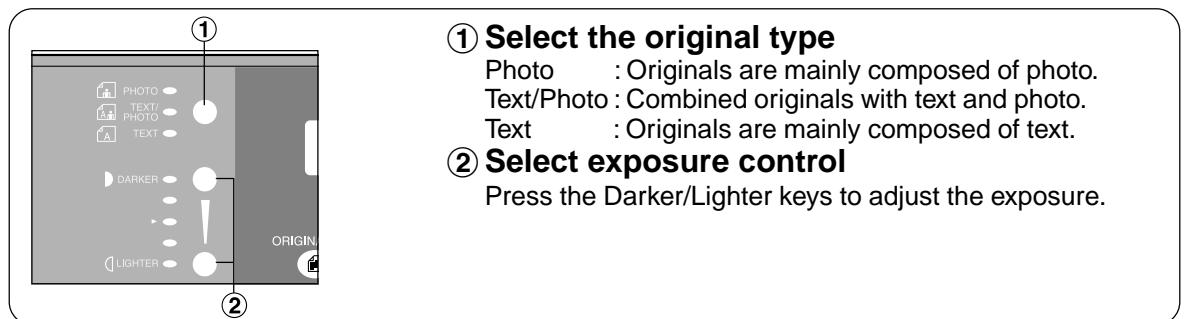
Copy size is automatically selected.



READY TO COPY  
COPIES: 001

Select the Original Size on units  
without the ADF Option.

### ■ Manually Selecting Exposure Control or Original Type

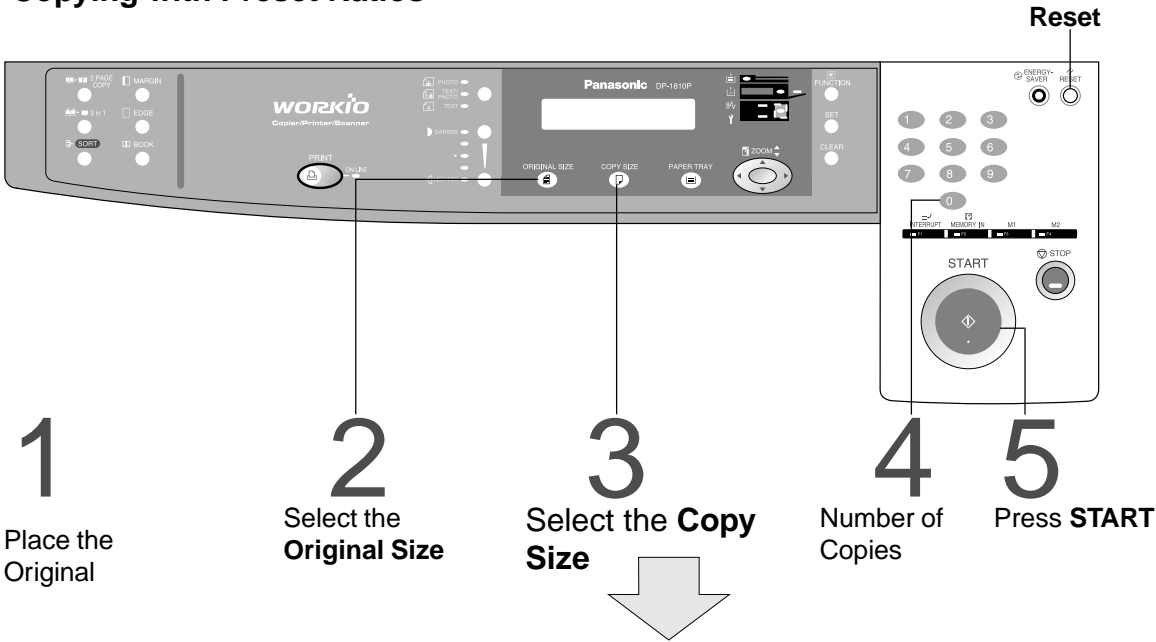


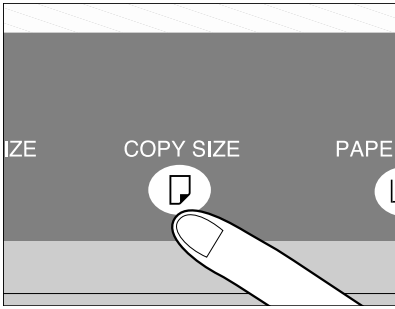
#### NOTE

- \* 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 will automatically start.

# Reduction or Enlargement Copying

## ■ Copying with Preset Ratios





**Example: Reduction**

Original size → Copy size

LEDGER

→

LETTER

LDR☐→LTR☐ ☐[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, touch the **Paper Tray** key.

**NOTE**

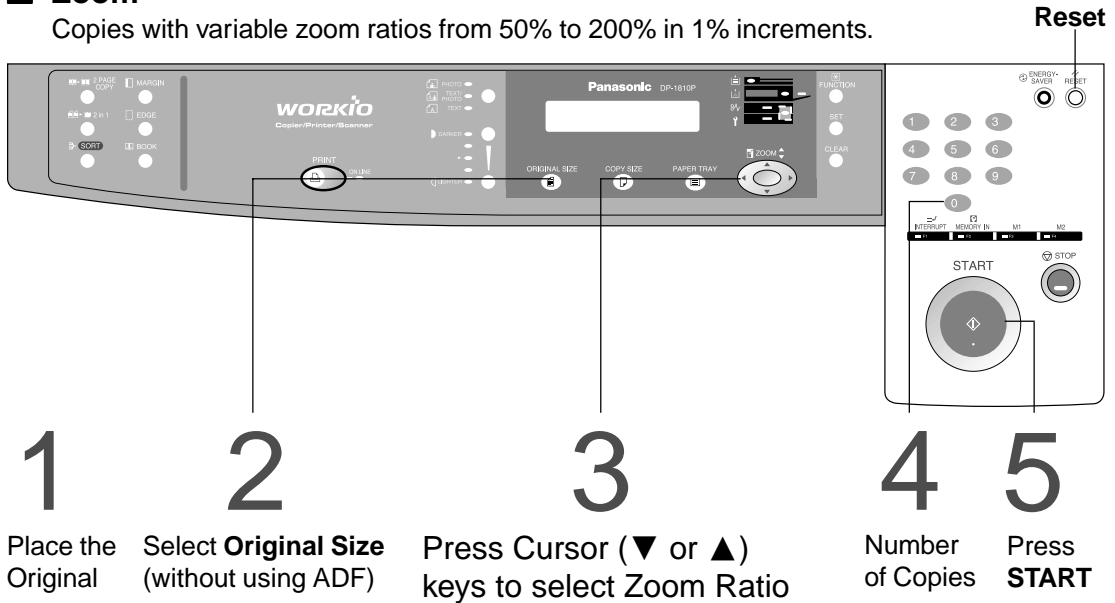
- If the desired copy size is different from the paper size loaded in the paper tray, use the sheet bypass. (See page 15)
- Press the **RESET** key to cancel all job settings.

# Basic Copy

## Zoom Copying

### Zoom

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



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

(Example: 125% Zoom)

#### ATTENTION

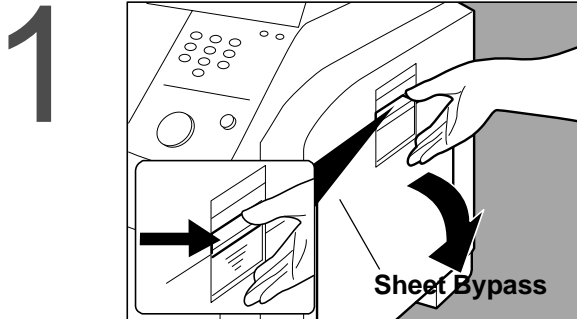
- When changing the paper size after setting the zoom ratio, please use the paper tray key.

#### NOTE

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

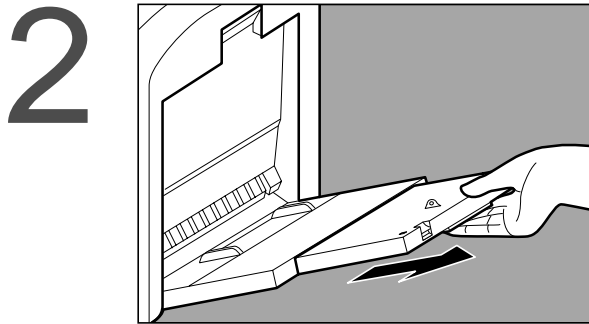
## Using the Sheet Bypass

### ■ Copying on Special Paper, etc.



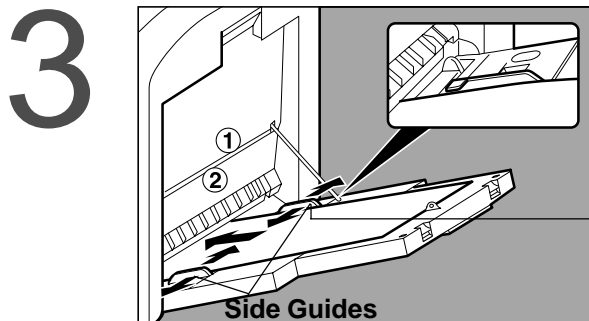
Place the original.

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

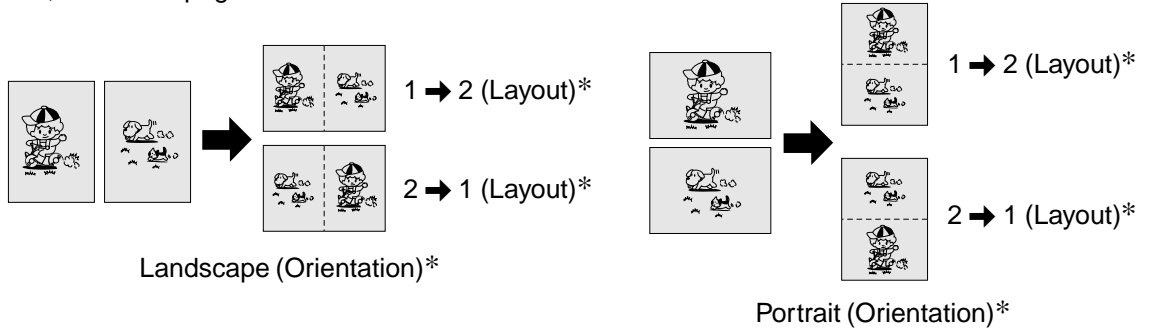
- Adjust the side guides properly to avoid skewing, wrinkling or misfeeding.

# Creative Features

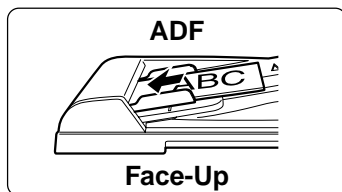
## 2 in 1 Copy

### ■ 2 in 1 Copy

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

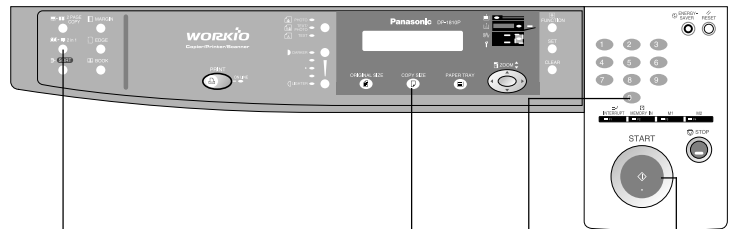


### ■ Procedure



1

Place the  
Originals



2

Press **2  
in 1** key

(3)

**Copy Size**  
(Reduction/  
Enlargement  
Only)

4

Number of  
Copies

5

Press  
**START**

#### NOTE

- The ADF is required for 2 in 1 copy.
- Press the **RESET** key to cancel all job settings.

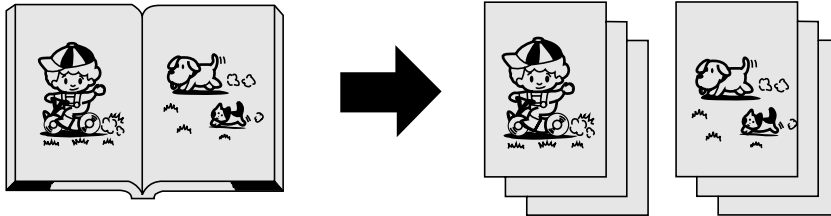
\* The Orientation and Layout can be set in the function mode. (See page 27)



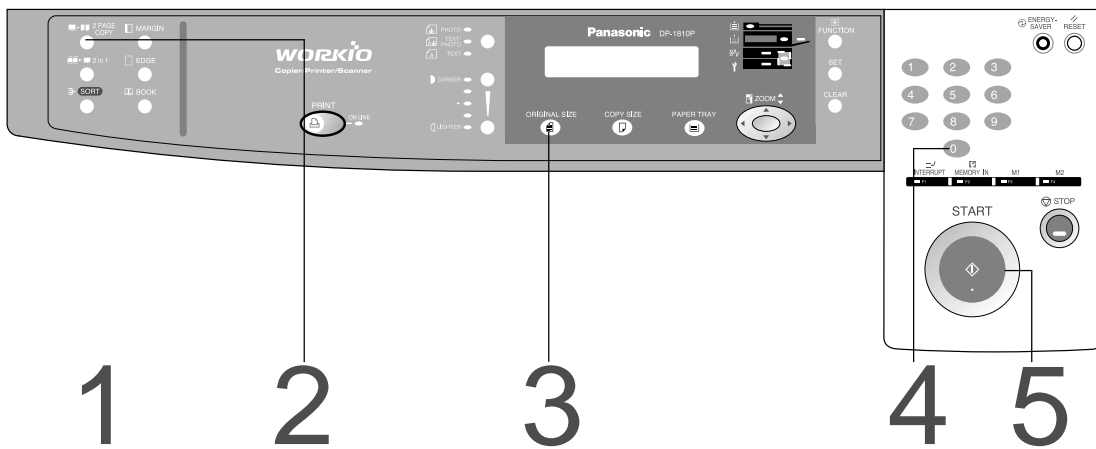
## 2 Page Copy

### ■ 2 Page Copy

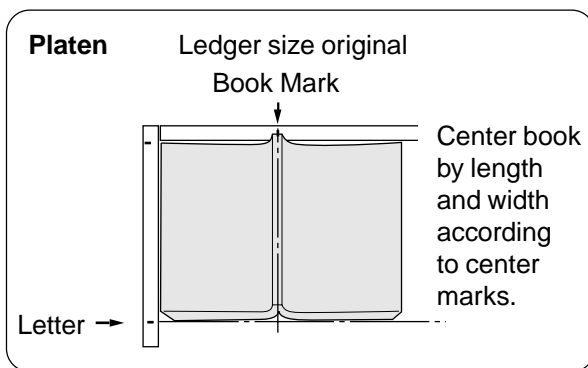
Copying two facing pages on a ledger size original on two separate letter size sheets.



### ■ Procedure



- 1 Place the Originals
- 2 Press the **2 Page Copy** key
- 3 **Original Size** (Letter or Ledger size Only)
- 4 Number of Copies
- 5 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.

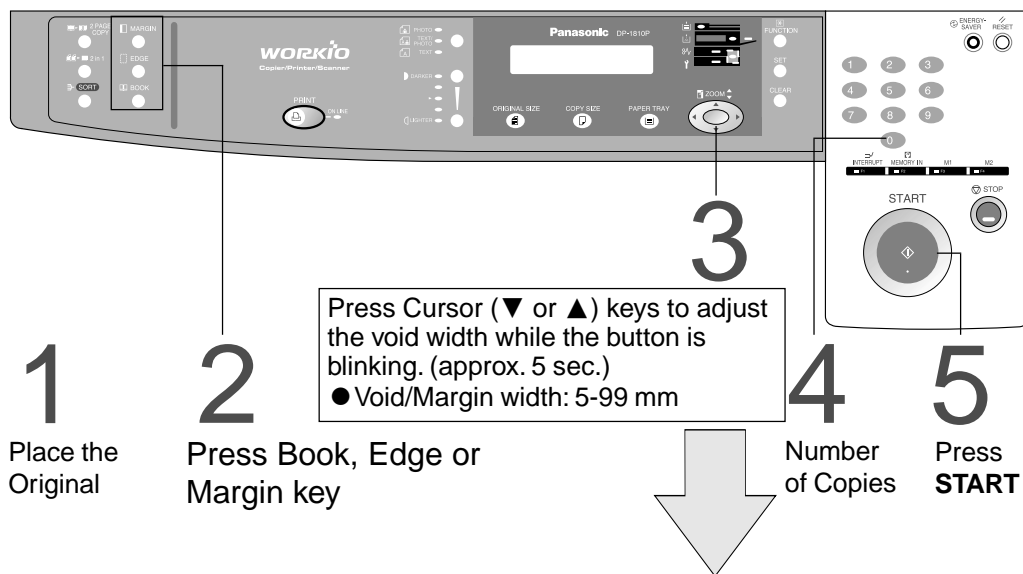
#### ■ Edge Key

Creates a blank edge.

#### ■ Margin Key

Shifts the image to the right or left.

#### ■ Procedure



#### Book

BOOK MARGIN  
CENTER VOID = 20mm ▼▲

\* Initial setting (Factory setting): 20 mm

#### Edge

EQUAL RATE  
VOID MARGIN = 5mm ▲

\* Initial setting (Factory setting): 5 mm and Equal Rate

#### Margin\*\*

LEFT MARGIN  
10mm ▼▲

\* Initial setting (Factory setting): 10 mm and Left Margin

#### NOTE

\* Initial setting (Factory setting) can be changed in the User Mode function.  
(See page 27)

\*\* If a part of the copied image is missing when using the Margin mode, change the Frame Reduction setting to ON.  
(See page 27)

● 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.

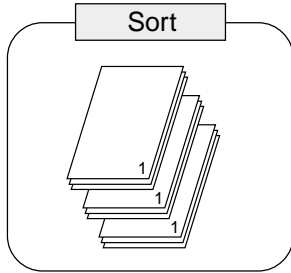
# Creative Features

## Sort Copy

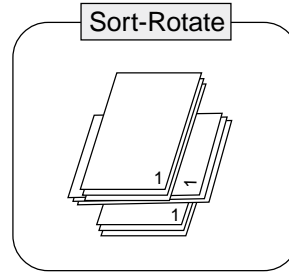
### Sort Copy

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 26).

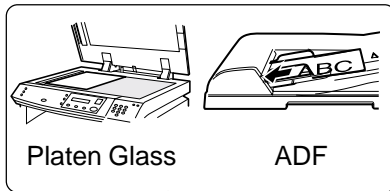


Multiple copies sorted automatically.



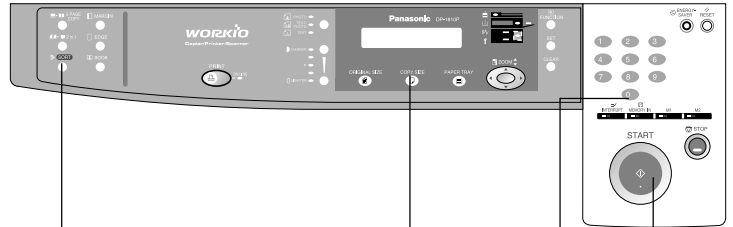
Multiple copies sorted automatically and Stacked in alternate direction.

(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.

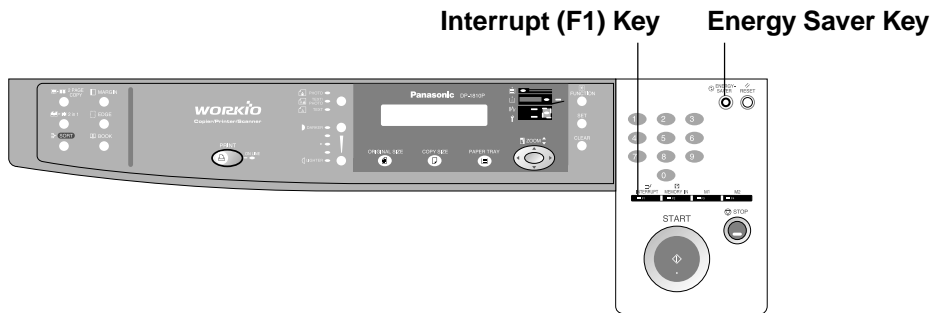
### NOTE

- When the memory becomes full during original scanning, the message "OUT OF MEMORY....." 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



### ENERGY SAVER



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

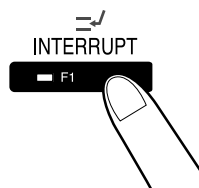
#### Energy Saver Mode

- 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 28)

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 **2** key to select COPIER SETTINGS.

② Press the **SET** key.

③ Press **6** and **SET** key to select DIGITAL SKYSHOT.

④ 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.

⑤ Press the **SET** key.

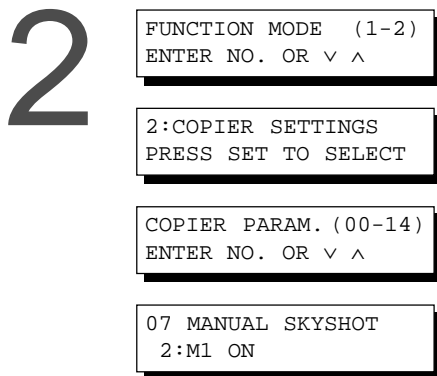
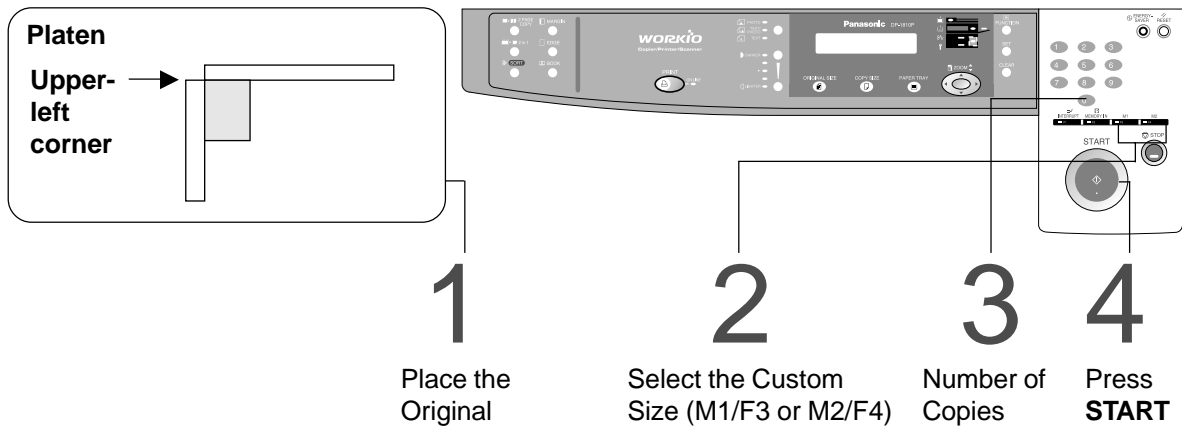
⑥ Press the **Reset** key.

#### 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)



- ① Press the **2** key to select COPIER SETTINGS.
- ② Press the **SET** key.
- ③ Press **7** and **SET** key to select MANUAL SKYSHOT.
- ④ 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
- ⑤ Press the **SET** key.
- ⑥ 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		Remarks	
			2 in 1 Copy	2 Page Copy	Book	Edge	Margin	Non-Sort	Sort	Sort-Rotate	Manual Skyshot	Job Memory Retrieval		Job Memory Storing
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	○	X	X	○	○	○	-	-	-	A	A	X	
	Interrupt	○	X	○	○	○	○	-	-	-	X	X	X	

○ : Possible Combined Functions.

X : Unavailable Combined Functions.

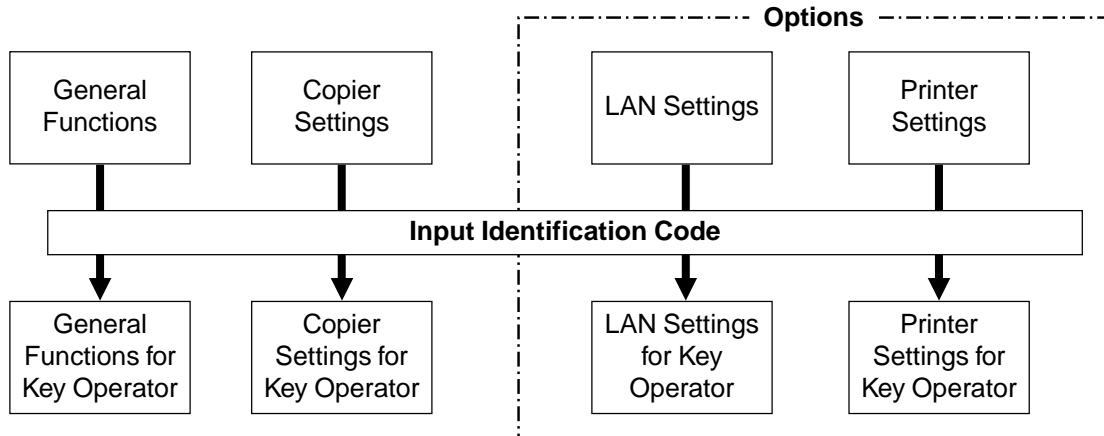
A : Next Selection is Carried Out.

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

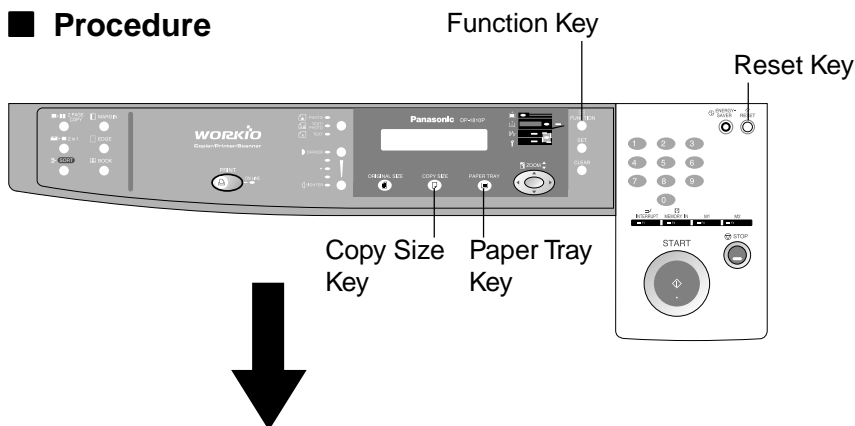


# Function

## ■ 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 options 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
05	SORT MEMORY USAGE	Displays the amount of sort memory used on the panel. ● INVALID, VALID	INVALID
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	ON
09	KEY OPERATOR MODE	Input the key operator ID code.	

## 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 ( <b>Equal Rate</b> = set the same value for X & Y or <b>Individual</b> = 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
04	2-SIDED MODE DEF.	Function sets the duplex priority mode. ● OFF, 1 → 2, 2 → 2, Book → 2	OFF
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	INVALID
09	1 → 2 BINDING DEF.	Selects the binding location for 1 → 2 Copy. ● LONG EDGE, SHORT EDGE	LONG EDGE
10	2 → 1 BINDING DEF.	Selects the binding location for 2 → 1 Copy. ● LONG EDGE, SHORT EDGE	LONG EDGE
11	BOOK → 2 DEFAULT	Selects the page order and book format for Book → 2 Copy. 1. BOOK FORMAT (1: FACING, 2: FLIPPING) 2. PAGE ORDER (1: L → R, 2: R → L)	FACING L → R
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
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
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
14	DEPT. COUNTER MODE	Monitors copy usage of each department. (1) TOTAL COUNTER (2) DEPT. COUNTER (3) DEPT. COUNTER LIST	Consult your service technician.
22	TCP/IP ADDRESS	* Sets the IP Address assigned to your machine. ● 3 digit × 4 (Use the MEMORY IN key to enter the "." between each set of 3-digit numbers)	Contact your Network Administrator.
23	TCP/IP SUBNET MSK	* Sets the Subnet Mask. ● 3 digit × 4 (Use the MEMORY IN key to enter the "." between each set of 3-digit numbers)	Contact your Network Administrator.
24	TCP/IP G/W ADDR.	* Sets the Subnet Mask. ● 3 digit × 4 (Use the MEMORY IN key to enter the "." between each set of 3-digit numbers)	Contact your Network Administrator.
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 for advanced functions. (See page 50)

## Copier Settings for Key Operator

No.	Modes	Function	Initial Setting
00	PAPER SIZE PRIOR.	Specifies the paper size in manual paper size setting mode.	LETTER <input type="checkbox"/>
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 22)	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 22)	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

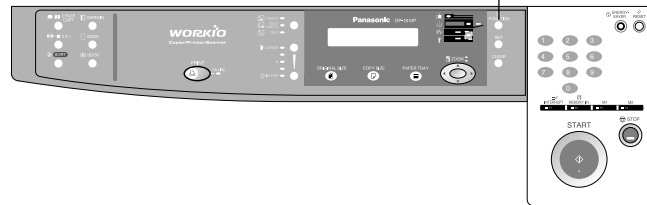
### Function Setting

#### ■ 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



# 2

Proceed as Follows:

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

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

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

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

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

② Press the **SET** key.

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

④ Press **1** or **2** key 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.

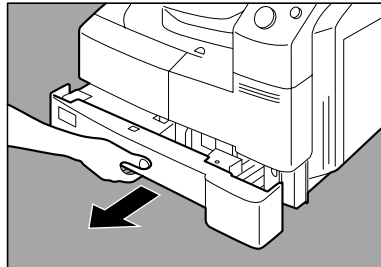


## Function

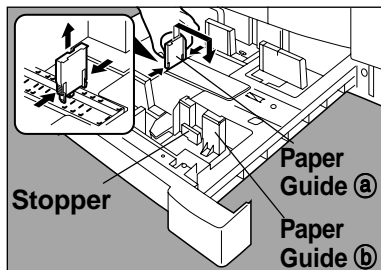
### Function Setting for Key Operator

# 3

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

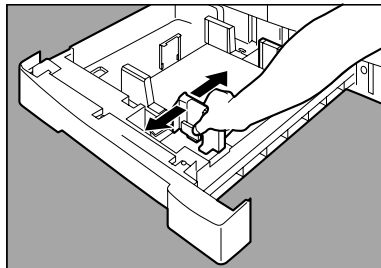


① Pull out paper tray and remove paper.

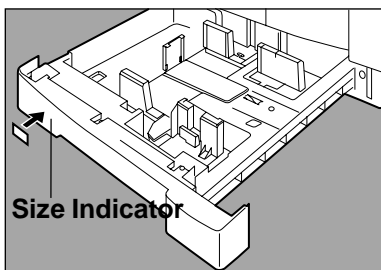


② Move the paper guide (a) to the paper length required.

③ Move the paper guide (b) to the paper width required.  
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 using screws.

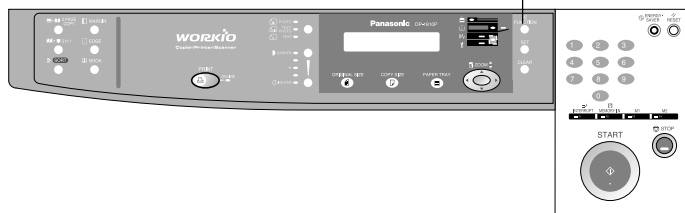


## ■ Departmental Counter

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

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
```

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

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

- ② Press the **SET** key.

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

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

- ③ Press **9** key.

```
09 KEY OPERATOR MODE
ENTER PASSWORD-- ■ ■
```

### NOTE

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

## Function

### Function Setting for Key Operator

# 3

#### Select the Department Counter Mode.

```
14 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.
```

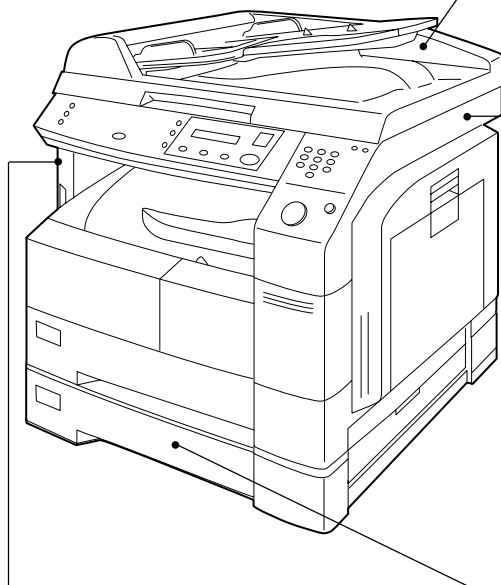
- ④ Press **0** and the **SET** key (Input "0") to clear the counter.

#### NOTE

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

# Accessories

## Components



**ADF (Automatic Document Feeder)**  
(DA-AS180)

- Feeds originals automatically.
- For 2 in 1 copying.

**Image Memory**  
(DA-SM16B/SM28B)

- 16/128 MB
- To increase the memory capacity for electronic sorting.

**PCL6 Emulation Kit**  
(DA-PC210)

- Printer Controller for PCL6\*

**10/100 Ethernet Interface/  
Internet Fax Kit**  
(DA-NE200)

- Network Interface Board

**2nd Paper Feed Module**  
(DA-DS182)

- 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.
- The table below shows the options which are required for various functions.
- Contact your authorized servicing dealer for details on combinations of options.

Function	2-ORIGINAL COPY			Margin			SORT			Other Functions
	Zoom Copy	2 in 1 Copy	2 Page Copy	Book	Edge	Margin	Non-Sort	Sort	Sort-Rotate	Manual Skyshot
Options										
ADF		○								
2nd Paper Feed Module									○	

○:Required

## Accessories

### Automatic Document Feeder

#### ■ ADF (DA-AS180)

##### 1. Features

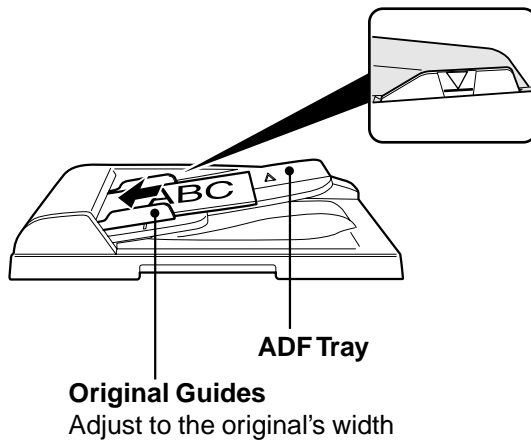
###### ① Automatic Original Feeding

- The ADF tray can hold up to 50 Letter size originals of 20 lb (80 g/m<sup>2</sup>) paper (up to 30 Legal or Ledger size originals).  
It can accommodate originals from invoice to ledger size.
- 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.

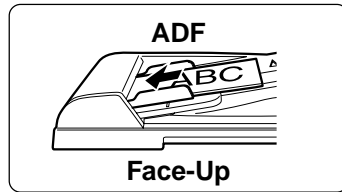
##### 2. Components



- Set the originals up to the upper limit arrow.

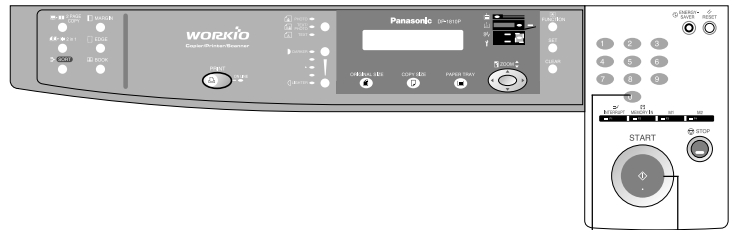
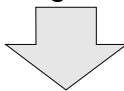
## 3. Operation

### ■ 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

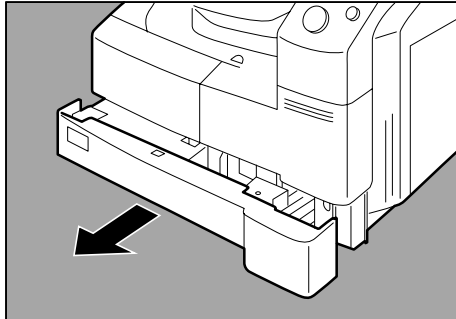
- To copy these kinds of originals, use the Platen Glass instead.

# Problem Solving

## Adding Paper (📄)

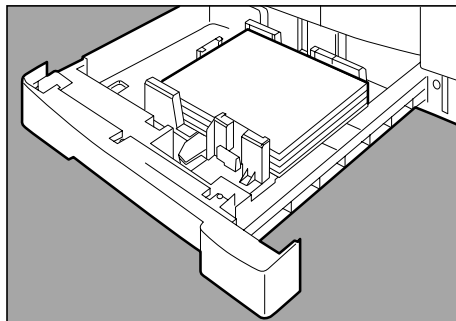
### ■ 550-Sheet Paper Tray

1



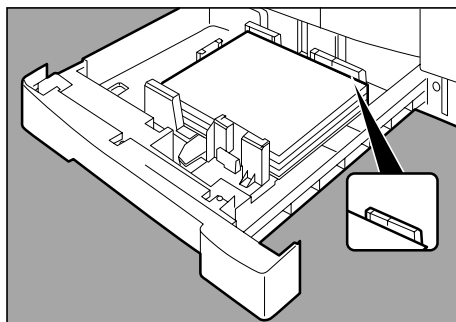
Pull the paper tray out.

2



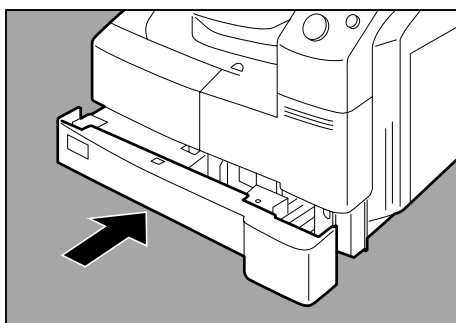
Place the paper with the copying surface facing upward.  
Special papers, like glossy paper, mailing labels and transparencies cannot be used in the paper tray. Use the sheet bypass for special paper.

3



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

4



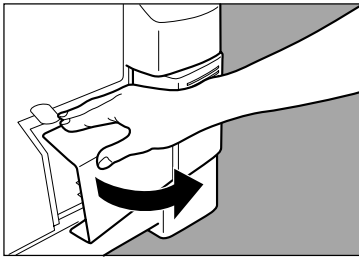
Firmly push the paper tray back into the copier.

#### ATTENTION

- Do not use paper with folds or wrinkles. Refer to page 30 for details on changing the paper size for the paper tray.
- 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.

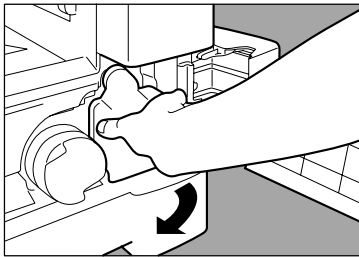
Adding the Toner and Replacing Toner Waste Container (🗑️)

1



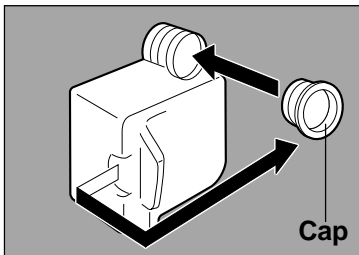
Open the front cover.

2



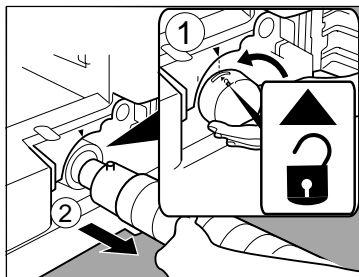
Remove the toner waste container by slowly pulling it towards the left as illustrated.

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 out the empty Toner Bottle.

**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**

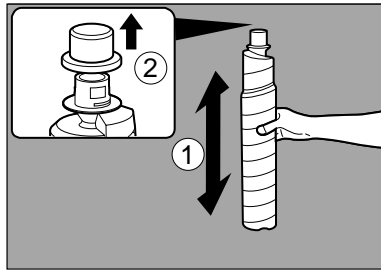
- For optimum copy quality use the recommended Panasonic toner. Store toner in a cool dark place. Do not unseal toner before use. Use it as fast as possible after unsealing.
- When U13 is displayed the Add Toner Warning Indicator will begin to flash. This message is to prompt you that the toner bottle 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 (🗑️)

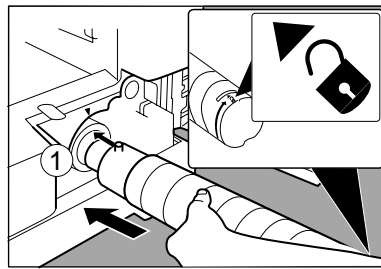
# 5



① Shake the new toner bottle four or five times to loosen the contents.

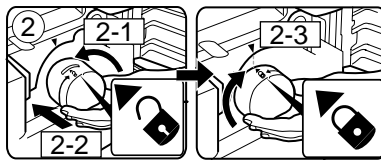
② Remove the cap from the toner bottle.

# 6



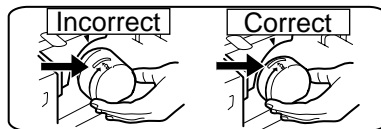
① Align the Key of the bottle, also represented by the Arrow mark (**Unlocked** symbol 🗝️) visible on the end of the Toner Bottle with the Arrow mark on the machine.

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

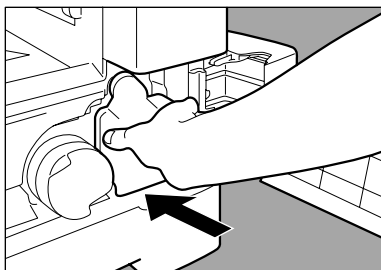


② Insert the bottle as far as it will go, then turn it clockwise (160°, approx. 1/2 turn) until it locks (**Locked** symbol 🗝️).

**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

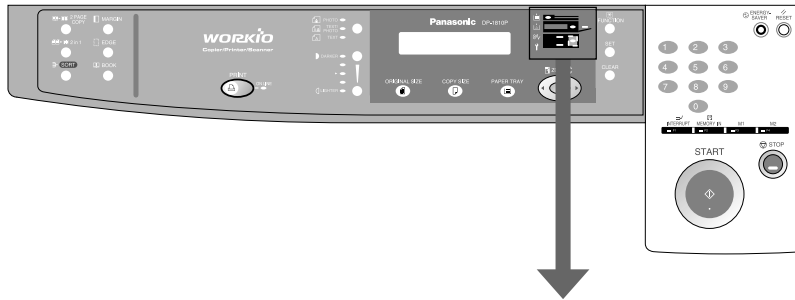
- Do not reuse the toner from the Toner Waste Container.



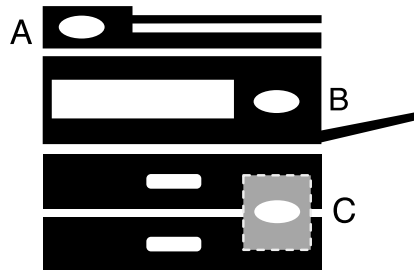
## Removing a Misfed Paper

### ■ 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)  
(J51 - J59, J80)
- C: Paper Feed Module (see page 44)  
(J00 - J50)

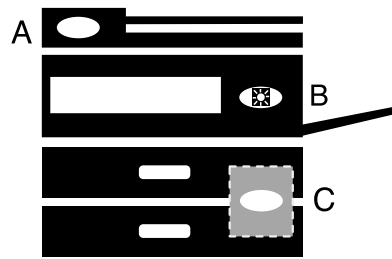
#### NOTE

- 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.



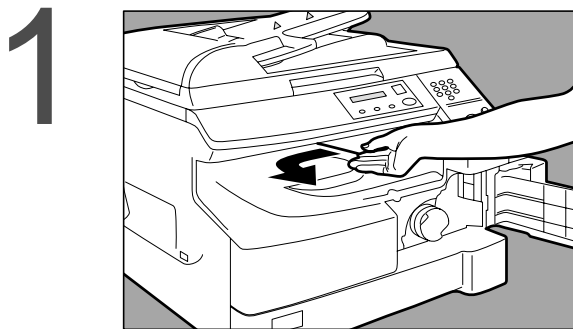
## Problem Solving

### Removing a Misfed Paper



#### ■ Paper Exit Area

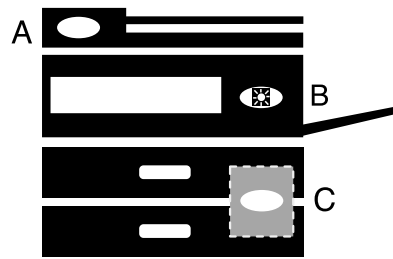
- Make sure that the misfeed indicator goes off after removing all misfed paper.



Remove the misfed paper.

#### ATTENTION

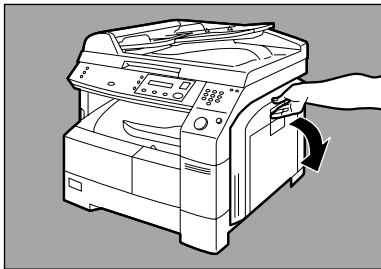
- Make sure that the misfeed indicator goes off after removing all misfed paper.



## ■ Paper Entry/Transport Area

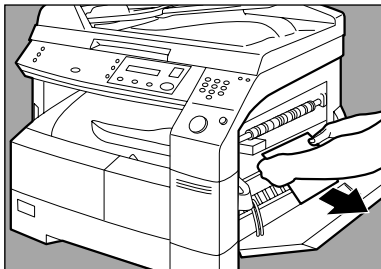
- Make sure that the misfeed indicator goes off after removing all misfed paper.

1



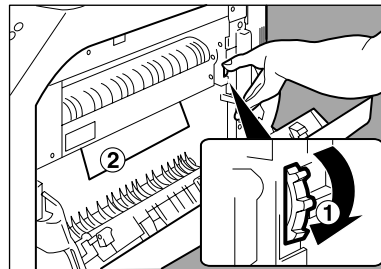
Open the right cover.

2



Remove the misfed paper.

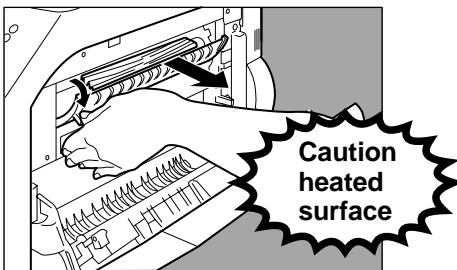
3



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.

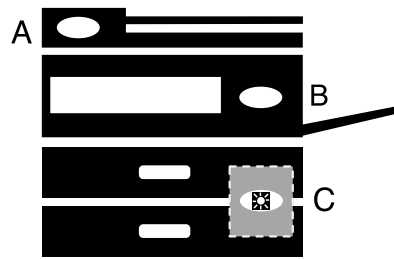
**Caution: This fuser area may be hot.**

### ATTENTION

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

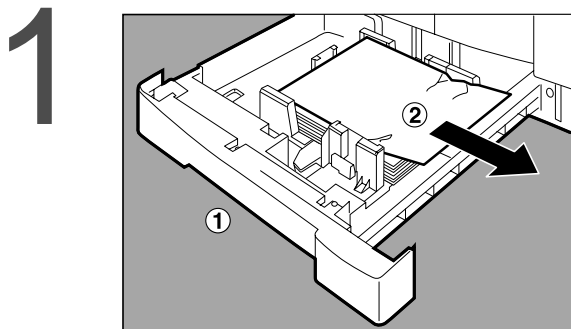
## Problem Solving

### Removing a Misfed Paper

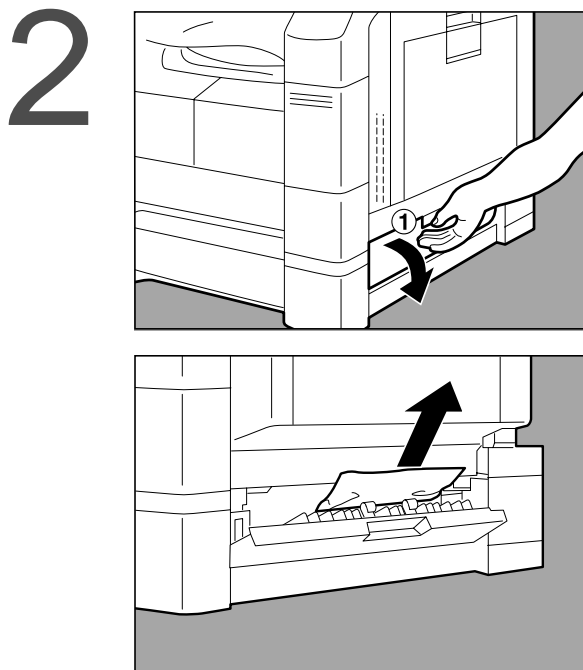


#### ■ Paper Feed Module

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



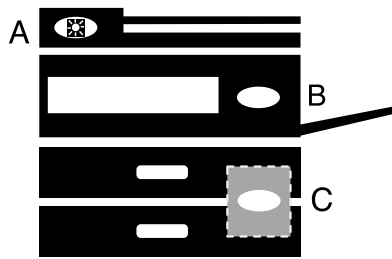
- ① Pull out the paper tray.
- ② Remove the misfed paper.
- ③ Return the paper tray to the original position.



- ① Open the feed cover.
- ② Remove the misfed paper.
- ③ Close the feed cover.

#### ATTENTION

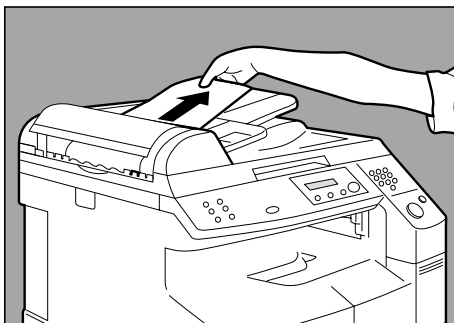
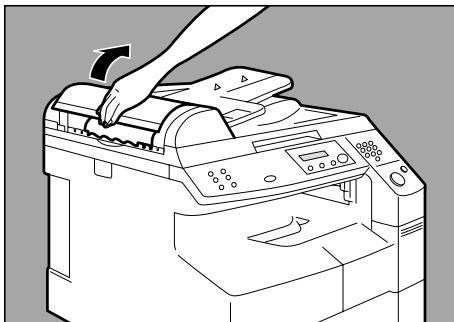
- Make sure that the misfeed indicator goes off after removing all misfed paper.



## ■ ADF

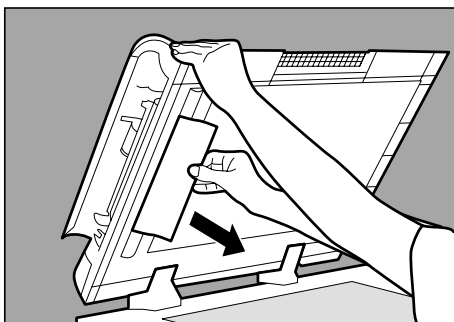
- Make sure that the misfeed indicator goes off after removing all misfed paper.

# 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

- Push the tab  on the center of the ADF cover to close it.
- Make sure that the misfeed indicator goes off after removing all misfed paper.
- To prevent original(s) damage, please make sure ADF cover open before removing misfed original(s).

# Troubleshooting

## Before Calling Service

Check	Action
<b>Unit Does Not Operate</b>	
Does the display light? ↓ (No)	➔ Check if the Power Switch is turned On and if the power cord is connected to the outlet. (Yes)
Does the Energy Saver key flash (or light) and displays are turned OFF? (See page 20) ↓ (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, U16, 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.

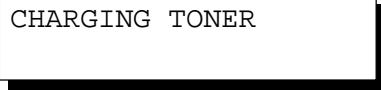
**Note:** \*When the warning indicator starts flashing, a 300-sheet count-down counter is activated, and upon reaching 0 the machine will stop operating. The 300-sheet counter is based on 6% fill, depending on the density some pages may print Blank.

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...

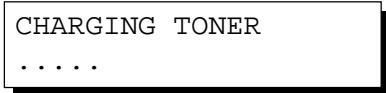
2. The Toner Charging Mode starts and the LCD displays:



Add Toner Warning Indicator:

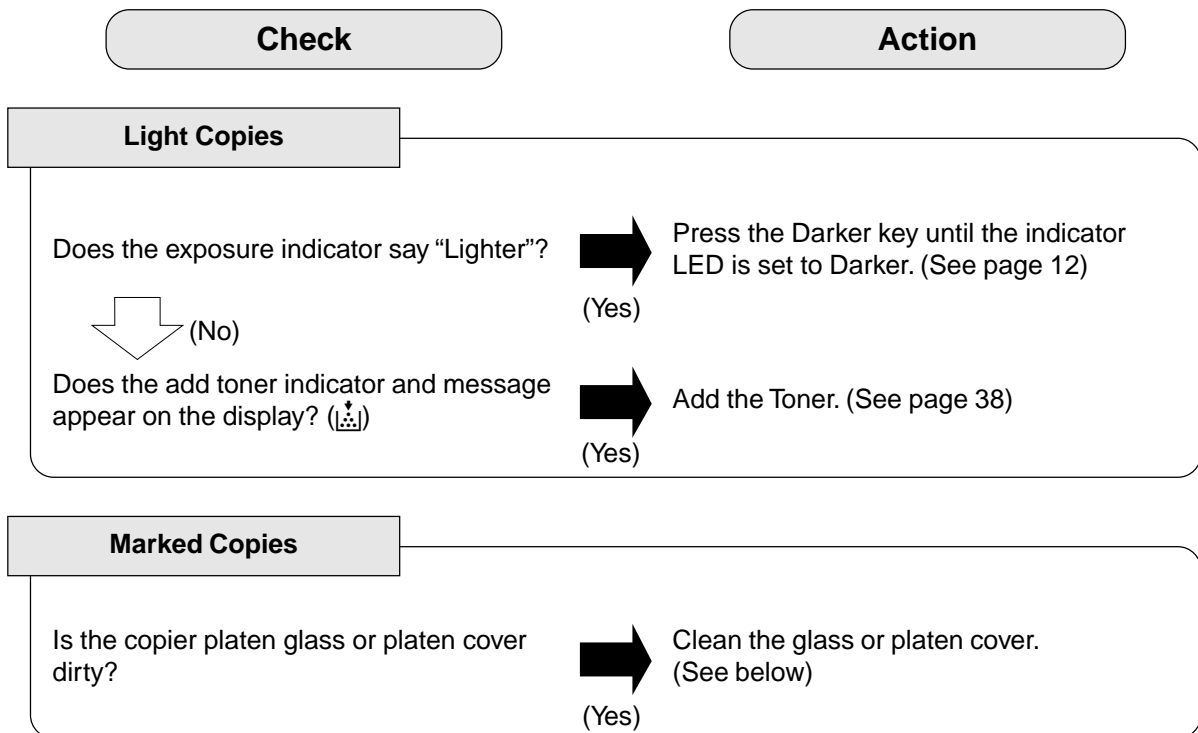
- Flashing = Toner Bottle is nearly empty
- Lit = Toner Bottle is empty

3. This message is displayed for approximately 200 seconds.



\* ● 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)

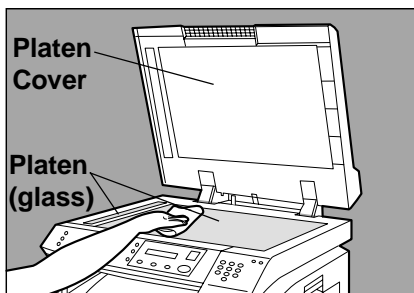
The self-diagnostic functions detect troubles in the important components of the copier. When any trouble occurs, the copier stops.

Code	Display Message	Check Points
U01	CLOSE FRONT/RT COVER	Front Cover is open.
U07	CLOSE FEED COVER	Feed Cover is open.
U13	ADD TONER NO WASTE TONER BOX	1. Toner Cartridge 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.
U16	NO WASTE TONER BOX	No Toner Waste Container.
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.



# Specifications

## ■ DP-1810P (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)
Paper Weight:	Paper Tray: 16 - 24 lb (60 - 90 g/m <sup>2</sup> ) [Sheet Bypass: 15 - 34 lb (56 - 128 g/m <sup>2</sup> )]
Quantity Selector:	Max. 999 sheets (output tray capacity is 250 sheets)
Electrical Requirements:	AC 120V, 50/60Hz, 9A
Energy Consumption:	Max. 1.2 kW, 1.5 Wh in Sleep Mode
Dimensions (W × D × H):	23.1 × 23.8 × 18.0 in (588 × 605 × 458 mm)
Weight:	90 lb (41 kg)
Operating Environment:	Temperature: 50°F (10°C) - 95°F (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.

## Specifications

### ■ ADF (DA-AS180)

	DA-AS180
Tray Capacity:	Letter, Invoice: 50 sheets (20 lb) Ledger, Legal: 30 sheets (20 lb)
Paper Size:	Invoice/Letter/Legal/Ledger
Paper Weight:	14 – 28 lb (50 – 110 g/m <sup>2</sup> )
Electrical Requirements:	Supplied from the copier
Dimensions (W × D × H):	21.7 × 20.5 × 5.3 in (552 × 520 × 135 mm)
Weight:	18.3 lb (8.3 kg)

### ■ 2nd Paper Feed Module (DA-DS182)

	DA-DS182
Paper Size:	Invoice/Letter/Legal/Ledger
Paper Weight:	16 – 24 lb (60 – 90 g/m <sup>2</sup> )
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)

- Specifications are subject to change without notice.

# Options and Supplies

■ The DP-1810P 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
Automatic Document Feeder	DA-AS180	Also referred as ADF
2nd Paper Feed Module	DA-DS182	
Image Memory (16 MB)	DA-SM16B	For Electronic Sorting
Image Memory (128 MB)	DA-SM28B	For Electronic Sorting

## ■ For Printer

Part Name	Part No.	Remarks
PCL6 Emulation Kit	DA-PC210	Printer Controller for PCL6*
10/100 Ethernet Interface/ Internet Fax Kit	DA-NE200	Network Interface Board

## ■ Supplies

Part Name	Part No.	Remarks
Toner Bottle	DQ-TU10C	

**NOTE**

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

memo

memo

**U.S.A. Only**

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Panasonic Document Imaging Company  
A Business Unit of Matsushita Electric Corporation of America  
Two Panasonic Way  
Secaucus, New Jersey 07094

Panasonic Canada Inc.  
5770 Ambler Drive,  
Mississauga, Ontario L4W 2T3

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