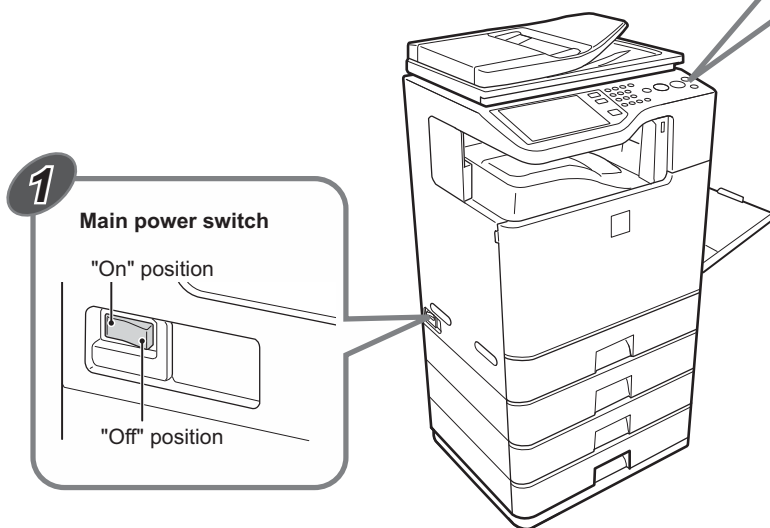


## Start Guide

### TURNING THE POWER ON

- Switch the main power switch to the "on" position.
- Press the [POWER] key (⏻) to turn on the power.

To turn the power off, perform the step (2), then step (1). In step (1), switch the main power switch to the "off" position.



### Important rules when turning off the main power

**When turning off the main power, always turn off the operation panel power first, wait at least 20 seconds, and then turn off the main power.**

If you turn off the main power without turning off the operation panel power, or do not wait at least 20 seconds before turning off the main power, machine failure may result.

If the main power is suddenly interrupted due to a power failure or other reason, turn the machine power back on and then turn it off correctly.

### SPECIFICATIONS

#### Machine specifications

Name	Digital Full Color Multifunctional System MX-C312
Type	Desktop
Required power supply	AC 120V ± 10% 60Hz
Power consumption	1.44 kW
Dimensions	22-3/64" (W) x 19-13/32" (D) x 28-7/64" (H) (560 mm (W) x 493 mm (D) x 714 mm (H))
Weight	Approx. 101.4 lbs. (46 kg)
Overall dimensions	34-11/64" (W) x 19-13/32" (D) (868 mm (W) x 493 mm (D)) (when bypass tray is extended)
Ambient environment	10 °C (54 °F) to 35 °C (91 °F) (20 % to 60 % RH) 10 °C (54 °F) to 30 °C (86 °F) (85 % RH)

#### 500-Sheet paper feed unit specifications

Model	MX-CSX1 (tray 2)	MX-CSX2 (tray 3, tray 4)
Power supply	Supplied from the machine	
Dimensions	21-1/16" (W) x 17-1/4" (D) x 4-13/32" (H) (535 mm (W) x 438 mm (D) x 112 mm (H)) (not including adjuster)	21-1/16" (W) x 17-1/4" (D) x 4-21/64" (H) (535 mm (W) x 438 mm (D) x 110 mm (H)) (not including adjuster)
Weight	Approx. 15.0 lbs. (6.8 kg)	Approx. 12.3 lbs. (5.6 kg)

#### Finisher specifications

Model	MX-FN12
Power supply	Supplied from the machine
Dimensions	When tray is folded up: 18-45/64" (W) x 13-7/64" (D) x 6-7/32" (H) (475 mm (W) x 333 mm (D) x 158 mm (H)) When tray is extended: 20-19/32" (W) x 13-7/64" (D) x 6-7/32" (H) (523 mm (W) x 333 mm (D) x 158 mm (H))
Weight	Approx. 19.8 lbs. (9 kg)
Stapler section	
Allowed paper sizes for stapling	8-1/2" x 14", 8-1/2" x 13-1/2", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 7-1/4" x 10-1/2", A4, B5, 16K (Stapling at one position at front of paper.)
Maximum number of sheets for stapling <sup>*1</sup>	30 sheets

\*1 The maximum number of sheets for stapling assumes a paper weight of 24 lbs. (90 g/m<sup>2</sup>) and includes two cover sheets of 28 lbs. bond to 110 lbs. index (106 g/m<sup>2</sup> to 209 g/m<sup>2</sup>).

#### Facsimile specifications

Model	MX-FXX3
Applicable telephone line	Public switched telephone network, PBX
Scanning resolution (supports ITU-T standards)	8 x 3.85 lines/mm (Standard), 8 x 7.7 lines/mm (Fine, Fine-Halfone), 8 x 15.4 lines/mm (Super Fine, Super Fine - Halfone), 16 x 15.4 lines/mm (Ultra Fine, Ultra Fine - Halfone)
Transmission speed	33.6 kbps down to 2.4 kbps Automatic fallback
Compression method	MH / MR / MMR / JBIG
Transmission modes	Super G3, G3 (the machine can only send faxes to and receive faxes from machines that support G3 or Super G3)
Paper sizes	8-1/2" x 14", 8-1/2" x 13-2/5", 8-1/2" x 13", 8-1/2" x 11", 5-1/2" x 8-1/2" (A4, B5, A5)
Power supply	Supplied with the machine

#### Noise emission values

The following shows noise emission values as measured according to ISO7779.

Sound power level L <sub>WA</sub> d	
Printing mode (continuous printing)	7.4 B
Standby mode (Low power level mode)	-
Sound pressure level L <sub>pAm</sub> (actual measurement)	
Printing mode (continuous printing)	Bystander positions 56dB
Standby mode	Bystander positions 31dB

- Operating: with options MX-CSX1+MX-CSX2(x 2)+MX-DS13
- Standby: "-" = less than background noise.

### TO THE ADMINISTRATOR OF THE MACHINE

#### Factory default passwords

When accessing the system settings, the administrator password is required to log in with administrator rights. The system settings can be configured in the Web pages as well as on the operation panel. To access the system settings using the Web pages, a password is also required.

#### Factory default administrator password

Factory default setting: admin

Store a new administrator password as soon as the machine is installed. Once the administrator password has been changed, the new password is required to restore the factory default password. Take care to remember the new password.

#### Factory default passwords (Web pages)

There are two factory default accounts: "Administrator" and "User". A person who logs in as an "Administrator" can configure all settings in the Web pages. In addition, an administrator can restrict access to other settings by enabling "User" accounts.

The factory default passwords are shown below.

	Factory default account	Factory default password
User	users	users
Administrator	admin	admin

#### Forwarding all transmitted and received data to the administrator (document administration function)

This function is used to forward all data transmitted and received by the machine to a specified destination (Scan to E-mail address, Scan to FTP destination, Scan to Network Folder destination, or Scan to Desktop destination).

This function can be used by the administrator of the machine to archive all transmitted and received data.

To configure the document administration settings, click [Application Settings] and then [Document Administration Function] in the Web page menu.

(Administrator rights are required.)

#### Note:

- The format, exposure, and resolution settings of transmitted and received data remain in effect when the data is forwarded.
- When forwarding is enabled for data sent in fax mode,
  - The [Direct TX] key does not appear in the touch panel.
  - Quick online transmission and dialing using the speaker cannot be used.

### OPERATION MANUALS AND HOW TO USE THEM

A printed manual and a manual in PDF format are provided with the machine. Read Start Guide (this manual) before using the machine for the first time. For detailed explanations of the machine, refer to the Operation Guide (PDF format).

#### Start Guide (this manual)



#### Operation Guide (PDF)



To view the Operation Guide in PDF format, Adobe® Reader™ or Acrobat® Reader of Adobe Systems Incorporated is required. The programs can be downloaded from the following URL:  
<http://www.adobe.com/>

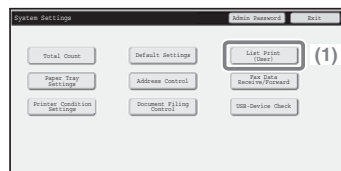
### Downloading the Operation Guide

Operation Guide can be downloaded from the Web pages in the machine.

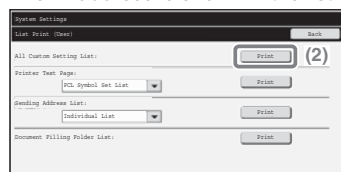
#### Checking the IP address

First, press the [SYSTEM SETTINGS] key on the touch panel.

- Touch to select [List Print (User)] settings.



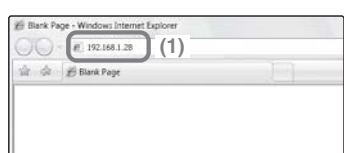
- Touch to print the user list. The IP address is shown in the list.



#### Accessing the Web server in the machine

Confirm that the machine and your computer are connected to the same network and follow the procedures below.

- Enter the IP address of the machine.

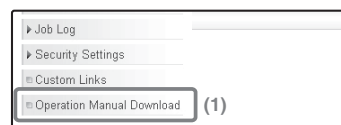


- Recommended Web browsers
- Internet Explorer: 6.0 or higher (Windows®)
  - Netscape Navigator: 9 (Windows®)
  - Firefox: 2.0 or higher (Windows®)
  - Safari: 1.5 or higher (Macintosh)

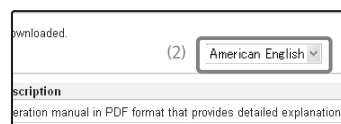
Ask the administrator of the machine to obtain the account information if necessary.

#### Downloading the operation guide

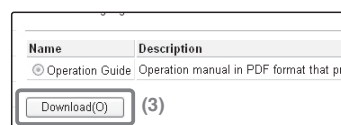
- Click in the menu of the Web page.



- Select language.

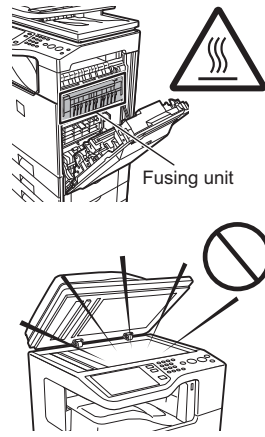


- Click to start download.



## Warnings

- Do not touch the transfer belt and the transfer roller. Scratches or smudges on the transfer belt or transfer roller will cause dirty prints.
- The fusing unit is extremely hot. Exercise care in this area.
- Do not look directly at the light source. Doing so may damage your eyes.
- The machine is heavy. To prevent injury when moving the machine, it is recommended that it be moved by four or more persons.
- Do not throw toner, a toner container (toner cartridge), or a toner collection container into a fire. Toner may fly and cause burns.
- Store toner, toner containers (toner cartridges), and toner collection containers out of the reach of children.
- Do not place the machine on a wobbly, slanted, or unstable surface. Install the machine only on a surface that can withstand the weight of the machine.
- When unplugging the power cord, do not grasp and pull on the cord.



The machine includes the document filing function or print hold function, which stores document image data on the machine's hard drive. Stored documents can be called up and printed or transmitted as needed. If a hard drive failure occurs, it will no longer be possible to call up the stored document data. To prevent the loss of important documents in the unlikely event of a hard drive failure, keep the originals of important documents or store the original data elsewhere. With the exception of instances provided for by law, Sharp Corporation bears no responsibility for any damages or loss due to the loss of stored document data.

Each instruction also covers the optional units used with these products.

## SOFTWARE LICENSE

The SOFTWARE LICENSE will appear when you install the software from the CD-ROM. By using all or any portion of the software on the CD-ROM or in the machine, you are agreeing to be bound by the terms of the SOFTWARE LICENSE.

### Caution

The explanations in this manual are based on American English and the North American version of the software. Software for other countries and regions may vary slightly from the North American version.

## Laser information

Wave length	790 nm ±10 nm
Pulse times (North America and Europe)	4.1 μs ±4.1 ns /7 mm
Output power	Max 0.6 mW (LD1+ LD2)

### Caution

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This Digital Equipment is CLASS 1 LASER PRODUCT (IEC 60825-1 Edition 2-2007)

### SAFETY PRECAUTIONS

This Digital Equipment is rated Class 1 and complies with 21 CFR 1040.10 and 1040.11 of the CDRH standards. This means that the equipment does not produce hazardous laser radiation. For your safety, observe the precautions below.

- Do not remove the cabinet, operation panel or any other covers.
- The equipment's exterior covers contain several safety interlock switches. Do not bypass any safety interlock by inserting wedges or other items into switch slots.

### "BATTERY DISPOSAL"

THIS PRODUCT CONTAINS A LITHIUM PRIMARY MEMORY BACK-UP BATTERY THAT MUST BE DISPOSED OF PROPERLY. PLEASE CONTACT YOUR LOCAL SHARP DEALER OR AUTHORIZED SERVICE REPRESENTATIVE FOR ASSISTANCE IN DISPOSING OF THIS BATTERY.

This product utilizes a CR coin Lithium battery which contains a Perchlorate material. Special handling for this material may apply, California residents, See [www.dtsc.ca.gov/hazardouswaste/perchlorate/](http://www.dtsc.ca.gov/hazardouswaste/perchlorate/) Others, consult local environmental officers.

This product utilizes fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated due to environmental consideration. For disposal or recycling information, please contact your local authorities, the Electronics Industries Alliance: [www.eiae.org](http://www.eiae.org), the lamp recycling organization: [www.lamprecycle.org](http://www.lamprecycle.org) or Sharp at 1-800-BE-SHARP. (For U.S.A. Only)

## FOR THE USERS OF THE FAX FUNCTION

### ABOUT THE TELEPHONE CONSUMER PROTECTION ACT OF 1991

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your FAX machine, you should complete the following steps:

See "Own Name and Destination Set" of Operation Guide.

### Important safety instructions

- If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network.
- The AC power outlet shall be installed near the equipment and shall be easily accessible.
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use a telephone to report a gas leak in the vicinity of the leak.
- Do not install or use the machine near water, or when you are wet. Take care not to spill any liquids on the machine.
- Save these instructions.

## FCC NOTICE TO USERS:

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA.

On this equipment is a label that contains, among other information, a product identifier in the format US:AAEQ##TXXXX.

If requested, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a telephone line.

Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call.

In most but not all areas, the sum of RENs should not exceed five (5.0).

To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAEQ##TXXXX.

The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, your telephone company may disconnect your service temporarily. If possible, they will notify you in advance. If advance notice is not practical, you will be notified as soon as possible. You will also be advised of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of your equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If the equipment is causing harm to the telephone network, your telephone company may ask you to disconnect the equipment until the problem is resolved.

If you have any questions or problems which cannot be solved by reading this manual, please contact.

**Sharp Electronics Corporation**  
1 Sharp Plaza,  
Mahwah, NJ 07495  
Telephone: 1-800-BE-SHARP

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA.

A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

This equipment connects to the telephone network through a standard USOC RJ-11C network interface jack.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment may not be used on coin service provided by the telephone company.

Connection to party lines service is subject to state tariffs. Contact your state's public utility commission, public service commission or corporation commission for more information.

## NOTICE FOR USERS IN THE USA

BE SURE TO ASK YOUR AUTHORIZED SHARP DEALER ABOUT THE WARRANTY THAT YOUR SELLING DEALER EXTENDS TO YOU. In order to assure you, the end-user, of warranty protection, Sharp extends a limited warranty to each of its authorized dealers and, in turn, requires each of its authorized dealers to extend its own warranty to you on terms that are no less favorable than those given to the dealer by Sharp. You should be aware, however, that Sharp does not itself extend any warranties, either express or implied, directly to you, the end-user, and no one is authorized to make any representations or warranties on behalf of Sharp. Specifically, SHARP DOES NOT EXTEND TO YOU, THE END-USER, ANY EXPRESS WARRANTY OR ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR USE OR FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE HARDWARE, SOFTWARE OR FIRMWARE EMBODIED IN, OR USED IN CONJUNCTION WITH THIS PRODUCT. Sharp is not responsible for any damages or loss, either direct, incidental or consequential, which you, the end-user, may experience as a result of your purchase or use of the hardware, software or firmware embodied in or used in conjunction with this Product. Your sole remedy, in the event that you encounter any difficulties with this Product, is against the authorized dealer from which you purchased the Product.

MX-C312 Digital Full Color Multifunctional System

In the event that this authorized dealer does not honor its warranty commitments, please contact the General Manager, Business Products Group, Sharp Electronics Corporation, 1 Sharp Plaza, Mahwah, NJ 07495-1163, so that Sharp can try to help assure complete satisfaction of all the warranty rights to which you are entitled from the authorized dealer.

### NOTICE FOR USERS IN CANADA

"NOTICE : This product meets the applicable Industry Canada technical specifications."

"NOTICE : The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five."

The REN of this equipment is indicated on the facsimile expansion kit.

### AVIS POUR NOS UTILISATEURS AU CANADA

AVIS : Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Remarque : L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

L'indice d'équivalence de la sonnerie (IES) de cet équipement est indiqué sur le kit d'extension télécopieur.

### Sharp Electronics of Canada Ltd.

335 Britannia Road East,  
Mississauga, Ontario, L4Z 1W9  
Canada

## INSTALLATION REQUIREMENTS

Improper installation may damage this product. Please note the following during initial installation and whenever the machine is moved.

- The machine should be installed near an accessible power outlet for easy connection.
- Be sure to connect the power cord only to a power outlet that meets the specified voltage and current requirements. Also make certain the outlet is properly grounded.
  - For the power supply requirements, see the name plate in the lower left corner of the left side of the machine.Connect the machine to a power outlet which is not used for other electric appliances. If a lighting fixture is connected to the same outlet, the light may flicker.
- Do not install the machine in areas that are:
  - damp, humid, or very dusty
  - exposed to direct sunlight
  - subject to extreme temperature or humidity changes, e.g., near an air conditioner or heater
  - poorly ventilated.
- Be sure to allow the required space around the machine for servicing and proper ventilation.
- The machine includes a built-in hard drive. Do not subject the machine to shock or vibration. In particular, never move the machine while the power is on.



### Caution!

Do not install the machine in a location with poor air circulation.

A small amount of ozone is created inside the machine during printing. The amount of ozone created is not sufficient to be harmful; however, an unpleasant odor may be noticed during large copy runs, and thus the machine should be installed in a room with a ventilation fan or windows that provide sufficient air circulation. (The odor may occasionally cause headaches.)

\* Install the machine so that people are not directly exposed to exhaust from the machine. If installed near a window, ensure that the machine is not exposed to direct sunlight.

## IMPORTANT NOTICE

### Note:

- Considerable care has been taken in preparing this manual. If you have any comments or concerns about the manual, please contact your dealer or nearest SHARP Service Department.
- This product has undergone strict quality control and inspection procedures. In the unlikely event that a defect or other problem is discovered, please contact your dealer or nearest SHARP Service Department.
- Aside from instances provided for by law, SHARP is not responsible for failures occurring during the use of the product or its options, or failures due to incorrect operation of the product and its options, or other failures, or for any damage that occurs due to use of the product.



Products that have earned the ENERGY STAR® are designed to protect the environment through superior energy efficiency.

The products that meet the ENERGY STAR® guidelines carry the logo shown above.

The products without the logo may not meet the ENERGY STAR® guidelines.

### Warranty

While every effort has been made to make this document as accurate and helpful as possible, SHARP Corporation makes no warranty of any kind with regard to its content.

All information included herein is subject to change without notice. SHARP is not responsible for any loss or damages, direct or indirect, arising from or related to the use of this operation manual.

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### Caution!

For complete electrical disconnection, pull out the main plug. The socket-outlet shall be installed near the equipment and shall be easily accessible.

To reduce the risk of fire, use only UL-Listed No.26 AWG or larger telecommunication line cord.

### FAX interface cable and Line cable:

These special accessories must be used with the device.

### FOR YOUR RECORDS ...

To protect against loss or theft, record and retain for reference the machine's serial number located at the lower left corner of the left side of the machine.

Model Number \_\_\_\_\_  
Serial Number \_\_\_\_\_  
Date of Purchase \_\_\_\_\_  
Place of Purchase \_\_\_\_\_  
Authorized Sharp Printer \_\_\_\_\_  
Service Department Number \_\_\_\_\_

### Notice for Users in U.S.A.

### EMC (this machine and peripheral devices)

### WARNING:

FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Shielded interface cables must be used with this equipment to maintain compliance with EMC regulations.

### Note:

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 own expense.

This machine contains the software having modules developed by Independent JPEG Group.

This product includes Adobe® Flash® technology of Adobe Systems Incorporated.

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