CONNECTIONS

CONNECTING THE TELEPHONE LINE CORD
Plug one end of the telephone line cord into the jack on the machine marked "TEL." Plug the other side into a standard (RU11C) single-line telephone wall jack. Be sure not to plug this telephone line cord into the "TEL" jack. The "TEL" jack is used to attach an extension telephone or answering machine to the machine. (See "CONNECTING OTHER DEVICES")

If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for the power and telephone lines. Surge protectors can be purchased from your retailer or at most telephone specialty stores.

FINAL PREPARATIONS

CONNECTING OTHER DEVICES
If desired, an answering machine or external telephone can be connected to the machine through the telephone jack, labeled "TEL," on the rear of the machine.

- Connecting an answering machine to the machine allows you to receive both voice and fax messages when you are out. To use this feature, first change the outgoing message of your answering machine, and then set the reception mode of the machine to "A.M." (Answering Machine mode) when you go out.

- If you are using distinctive ringing with an answering machine, you do not need to follow the procedure described below. (Please note that when distinctive ringing is used, the answering machine must be distinctive ring compatible.)

Comments:
1. It is advisable to keep the length of the message under 10 seconds. If it is too long, you may have difficulty receiving faxes sent by automatic dialing.
2. Your callers can even leave a voice message and send a fax message on the same call. Modify your outgoing message to explain that this can be done by pressing their [START] key before leaving their voice message.

- You can connect an extension phone to the machine to make and receive calls like any other extension phone on your line. Even if you pick up the extension phone and hear a fax tone, the machine will automatically cut in and take over the line. Note, however, if you also have a PC modem on the same line, you must turn on the Remote Reception function, and deactivate the Fax Signal Receive function. See "SETTING UP THE MACHINE FOR USE WITH A PC MODEM" (p.37) and "USING THE REMOTE RECEPTION FUNCTION" (p.38).

The Remote Reception function is initially set to "ON".

ABOUT THE OPERATION GUIDES

The operation guides for the machine are as follows:

Start Guide (this manual)
This manual covers the procedures for setup and the safety relations.

This manual explains the procedures for using the machine as a fax machine.

- This manual only explains the fax functions of the machine. For general information on using the machine, including safety information, installation, paper loading, removal of paper misfeeds, and peripheral equipment, see the operation guide for the machine.

How to use the operation guide
Detailed explanations of the functions that can be used on the machine are provided in the Operation Guide in PDF format.

1. Insert the supplied CD-ROM into your computer's CD-ROM drive.


Explains the machine and how to use it as a copier. Also explains how to use the machine as a printer and scanner for your computer.

This manual explains the procedures for using the machine as a printer or a network scanner.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Applicable telephone line</th>
<th>Public switched telephone network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compression method</td>
<td>MH, MR, MMR, JBIG</td>
</tr>
<tr>
<td>Transmission modes</td>
<td>Super G3, G3 (the machine can only send fax to and receive faxes from machines that support G3 or Super G3)</td>
</tr>
<tr>
<td>Scanning method</td>
<td>CCD flatbed scanning</td>
</tr>
<tr>
<td>Scanning resolution (supports ITU-T standards)</td>
<td>8 x 3.85 lines/mm (Standard) 8 x 7.7 lines/mm (Fine, Fine + Halftone) 8 x 15.4 lines/mm (Super Fine, Super Fine + Halftone)</td>
</tr>
<tr>
<td>Recording method</td>
<td>Laser, electrostatic charge method</td>
</tr>
<tr>
<td>Transmission speed</td>
<td>33.6 kbps – 2.4 kbps Automatic fallback</td>
</tr>
<tr>
<td>Transmission time</td>
<td>Approx. 2 seconds (Super G3 mode / 33.6 kbps, JBIG). Approx. 6 seconds (G3 ECM mode / 14.4 kbps, JBIG)</td>
</tr>
<tr>
<td>Paper size</td>
<td>8-1/2&quot; x 11&quot; (Letter), 8-1/2&quot; x 14&quot; (Legal), or A4</td>
</tr>
<tr>
<td>Effective recording width</td>
<td>8-1/2&quot; max. (8-1/2&quot; x 14&quot; printing)</td>
</tr>
</tbody>
</table>
| Transmittable original size       | When using the RSPF Maximum One-sided original: 8-1/2" x 19.7" Two-sided original: 8-1/2" x 14" Minimum 8-1/2" x 5-1/2" When using the document glass Maximum: 8-1/2" x 14"

Effective scanning width 8-1/2" maximum

- Halftone transmission 256 levels
- Contrast (exposure) adjustment Light, Medium, Dark
- Extension telephone connection Possible (1 telephone)
- Auto dialing Combined total of 18 One-Touch Dial and Group keys; 100 Speed Dial numbers; redialing (automatic)
- Timer transmission Yes
- Automatic document feeding Yes (50 pages)
- Memory capacity 2 MB
- Error Correction Mode(ECM) Yes

* As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production machines. There may be some deviations from these values in individual machines.

PRINTED IN CHINA 2011 KS1 TINSE2161QSZZ
INTRODUCTION

TYPE OF SERVICE
This equipment may not be used on coin-operated (pay phone) phone service. 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.

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 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:

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 a lightning 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:AAAEQ###TXXXXX.
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 sum of the 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:AAAEQ###TXXXXX. The digit 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 disconnect the service if the equipment is not being used for an extended period of time.

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, New Jersey 07495
Telephone: 1-800-BE-SHARP

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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.

Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

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/ Others, consult local environmental officers.

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 copying machine. The registration number is indicated on the fax printed circuit board and on the copying machine.

This Class B digital apparatus complies with Canadian ICES-003.

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.

The copy number of this equipment is indicated on the copier.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Sharp Electronics of Canada Ltd.
335 Britannia Road East, Mississauga, Ontario, L4Z 1W9 Canada

Sharp Electronics Corporation
1 Sharp Plaza, Mahwah, New Jersey 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.