

SHARP[®]
SHARP CORPORATION

Printed in China
TINS-H160WJZZ
18P02-CH-NY

8M-B80AX1E / 8M-B80AX1U

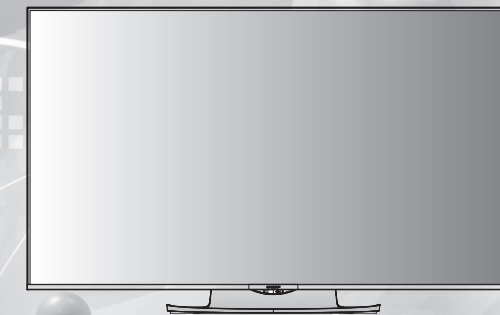
SHARP

SHARP[®]

LCD MONITOR
MONITOR LCD
ÉCRAN LCD
LCD MONITOR
MONITOR LCD
ЖК-МОНИТОР
MONITOR LCD

Setup Guide
Guía de configuración
Guide d'installation
Bedienungsanleitung
Guida per l'utilizzo
Руководство по установке
Kurulum Kılavuzu

8M-B80AX1E
8M-B80AX1U



TINS-H160WJZZ



ENGLISH

ESPAÑOL

FRANÇAIS

DEUTSCH

ITALIANO

РУССКИЙ

POLSKI

DEAR SHARP CUSTOMER

Thank you for your purchase of a SHARP LCD product. To ensure safety and many years of trouble-free operation of your product, please read the Safety Precautions carefully before using this product.

SAFETY PRECAUTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your LCD product, please read the following precautions carefully before using the product.

1. Read instructions — All operating instructions must be read and understood before the product is operated.
2. Keep this manual in a safe place — These safety and operating instructions must be kept in a safe place for future reference.
3. Observe warnings — All warnings on the product and in the instructions must be observed closely.
4. Follow instructions — All operating instructions must be followed.
5. Cleaning — Unplug the power cord from the AC outlet before cleaning the product. Use a dry cloth to clean the product. Do not use liquid cleaners or aerosol cleaners. Do not use dirty cloths. Doing so may damage the product.
6. Attachments — Do not use attachments not recommended by the manufacturer. Use of inadequate attachments can result in accidents.
7. Water and moisture — Do not use the product near water. Do not install the product in a place where water may splash onto it. Be careful of equipment which drains water such as an air-conditioner.
8. Ventilation — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a sofa, rug or other similar surface, since they can block ventilation openings. Do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
9. Power cord protection — The power cords must be routed properly to prevent people from stepping on them or objects from resting on them.
10. The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the LCD panel breaks.
11. Overloading — Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
12. Entering of objects and liquids — Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
13. Servicing — Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.
14. Repair — If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.
 - a. When the power cord or plug is damaged.
 - b. When a liquid was spilled on the product or when objects have fallen into the product.
 - c. When the product has been exposed to rain or water.
 - d. When the product does not operate properly as described in the operating instructions.
Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
 - e. When the product has been dropped or damaged.

SAFETY PRECAUTIONS

- f. When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.
15. Replacement parts — In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.
16. Safety checks — Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.
17. Wall mounting — When mounting the product on a wall, be sure to install the product according to the method recommended by the manufacturer.
18. Heat sources — Keep the product away from heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).
19. Batteries — Incorrect use of batteries may cause the batteries to burst or ignite. A leaky battery may corrode the equipment, dirty your hands or spoil your clothing. In order to avoid these problems, make sure to observe the precautions below:
 - Use the specified batteries only.
 - Install the batteries with due attention to the plus (+) and minus (-) sides of the batteries according to the instructions in the compartment.
 - Do not mix old and new batteries.
 - Do not mix batteries of different types. Voltage specifications of batteries of the same shape may vary.
 - Replace an exhausted battery with a new one promptly.
 - If you will not use the remote control for a long time, remove the batteries.
 - If leaked battery fluid gets on your skin or clothing, rinse immediately and thoroughly. If it gets into your eye, bathe your eye well rather than rubbing and seek medical treatment immediately. Leaked battery fluid that gets into your eye or your clothing may cause a skin irritation or damage your eye.
20. Usage of the Monitor must not be accompanied by fatal risks or dangers that, could lead directly to death, personal injury, severe physical damage or other loss, including nuclear reaction control in nuclear facility, medical life support system, and missile launch control in a weapon system.
21. Do not stay in contact with the parts of the product that become hot for long periods of time. Doing so may result in low-temperature burns.
22. Do not modify this product.
23. Do not place vases or any other water-filled containers on this product.

WARNING:

To prevent the spread of fire, keep candles or other open flames away from this product at all times.



WARNING:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

To maintain compliance with EMC regulations, use shielded cables to connect to the following terminals: PC/AV HDMI input terminal.

Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING

If a Monitor is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using fixing devices like wall mount brackets recommended by the manufacturer.
- Only using furniture that can safely support the Monitor.
- Ensuring the Monitor is not overhanging the edge of the supporting furniture.
- Not placing the Monitor on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the Monitor to a suitable support.
- Not standing the Monitor on cloth or other materials placed between the Monitor and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the Monitor or its controls.
- If your existing product is being retained and relocated, the same considerations as above should be applied.

Especially for child safety

- Don't allow children to climb on or play with the Monitor.
- Don't place the Monitor on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" Monitor. Care should be taken to place or install the Monitor where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the Monitor so that they cannot be pulled or grabbed by curious children.

TIPS AND SAFETY INSTRUCTIONS

- The TFT color LCD panel used in this Monitor is made with the application of high precision technology. However, there may be minute points on the screen where pixels never light or are permanently lit. Also, if the screen is viewed from an acute angle there may be uneven colors or brightness. Please note that these are not malfunctions but common phenomena of LCDs and will not affect the performance of the Monitor.
- Do not display a still picture for a long period, as this could cause a residual image.
- Never rub or tap the Monitor with hard objects.
- Please understand that SHARP CORPORATION bears no responsibility for errors made during use by the customer or a third party, nor for any other malfunctions or damage to this product arising during use, except where indemnity liability is recognized under law.
- This Monitor and its accessories may be upgraded without advance notice.
- Do not use the Monitor where there is a lot of dust, where humidity is high, or where the Monitor may come into contact with oil or steam. Do not use in an environment where there are corrosive gases (sulfur dioxide, hydrogen sulfide, nitrogen dioxide, chlorine, ammonia, ozone, etc.). As this could lead to fire.
- Ensure that the Monitor does not come into contact with water or other fluids. Ensure that no objects such as paper clips or pins enter the Monitor as this could lead to fire or electric shock.
- Do not place the Monitor on top of unstable objects or in unsafe places. Do not allow the Monitor to receive strong shocks or to strongly vibrate. Causing the Monitor to fall or topple over may damage it.
- Do not use the Monitor near heating equipment or in places where there is likelihood of high temperature, as this may lead to generation of excessive heat and outbreak of fire.
- Do not use the Monitor in places where it may be exposed to direct sunlight.
- Please be sure to constantly remove dust and garbage that has attached to the ventilation opening. If dust collects in the ventilation opening or the inside of the Monitor, it may lead to excessive heat, outbreak of fire, or malfunction.
Please request a cleaning of the inside of the Monitor from an authorized SHARP servicing dealer or service center.
- Continuous operating time and warranty. This product is designed for a maximum daily use of 16 hours. Continual use in excess of 16 hours per day is not covered by the warranty.
- The AC outlet shall be installed near the equipment and shall be easily accessible.

TIPS AND SAFETY INSTRUCTIONS

The Power Cord

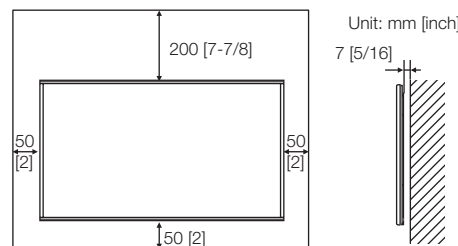
- Use only the power cord supplied with the Monitor.
- Do not damage the power cord nor place heavy objects on it, stretch it or over bend it. Also, do not add extension cords. Damage to the cord may result in fire or electric shock.
- Do not use the power cord with a power tap.
Adding an extension cord may lead to fire as a result of overheating.
- Do not remove or insert the power plug with wet hands. Doing so could result in electric shock.
- Unplug the power cord if it is not used for a long time.
- Do not attempt to repair the power cord if it is broken or malfunctioning. Refer the servicing to the service representative.

LED Backlight

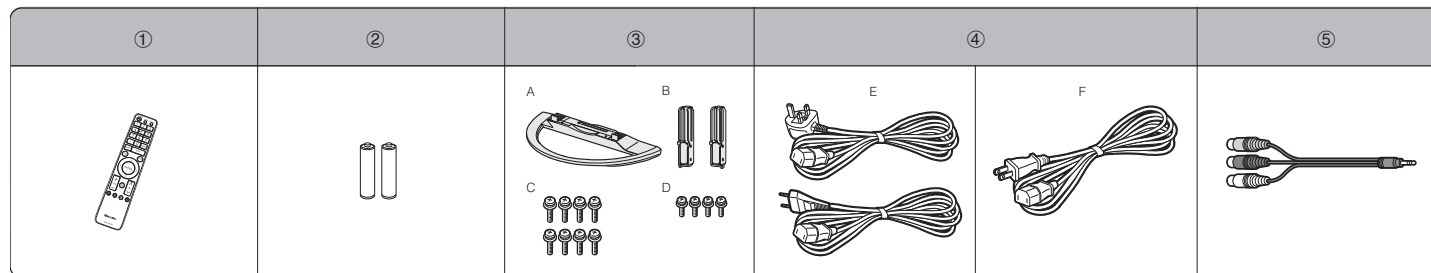
- The LED backlight in this product has a limited lifetime.
 - * If the screen gets dark or does not turn on, it may be necessary to replace the LED backlight.
 - * This LED backlight is exclusive to this product and must be replaced by an authorized SHARP servicing dealer or service center. Please contact an authorized SHARP servicing dealer or service center for assistance.

MOUNTING PRECAUTIONS

- This product is for use indoors.
- A mounting bracket compliant with VESA specifications is required.
- Since the Monitor is heavy, consult your dealer before installing, removing or moving the Monitor.
- Mounting the Monitor on the wall requires special expertise and the work must be performed by an authorized SHARP dealer. You should never attempt to perform any of this work yourself. Our company will bear no responsibility for accidents or injuries caused by improper mounting or mishandling.
- Use the Monitor with the surface perpendicular to a level surface. If necessary, the Monitor may be tilted up to 20 degrees upward or downward.
- This Monitor should be used at an ambient temperature between 0°C and 40°C. Provide enough space around the Monitor to prevent heat from accumulating inside.
- If it is difficult to provide sufficient space for any reason such as the installation of the Monitor inside a housing, or if the ambient temperature may be outside of the range of 0°C to 40°C, install a fan or take other measures to keep the ambient temperature within the required range.
- Temperature condition may change when using the Monitor together with the optional equipments recommended by SHARP. In such cases, please check the temperature condition specified by the optional equipments.
- Do not block any ventilation openings. If the temperature inside the Monitor rises, this could lead to a malfunction.
- Do not place the Monitor on a device which generates heat.



Accessories/Accessorios/Accessoires/Zubehör/Accessori/Принадлежности/Aksesoria



ENGLISH

Supplied Accessories

Make sure the following accessories are provided with the product.

NOTE

- The supplied AC cord is dedicated for this product. Do not use it for other equipment.
 - The illustrations above may vary from the actual accessories, which will not affect use of the product.
 - ① Remote control unit (x 1)
 - ② "AAA" size battery for remote control unit (x 2)
 - ③ A Stand body (x 1)
B Stand support (x 2)
C Screw for assembling stand (x 8)
M5 (25 mm length)
D Screw for attaching stand (x 4)
M5 (12 mm length)
 - ④ AC cord (Type BF x 1, Type C x 1, Type A x 1)
AC code types differ depends on region.
E Europe/United Kingdom
F North America
 - ⑤ AV terminal conversion cable (x 1)
- Setup Guide (this document) (x 1)

ESPAÑOL

Accesorios incluidos

Asegúrese de que los siguientes accesorios se suministran con el producto.

NOTA

- El cable de CA suministrado debe usarse exclusivamente con este producto. No lo use con otros equipos.
 - Las ilustraciones de arriba pueden ser distintas a los accesorios reales, lo que no afectará al uso del producto.
 - ① Mando a distancia (x 1)
 - ② Pila de tipo "AAA" para el mando a distancia (x 2)
 - ③ A Base del soporte (x 1)
B Varilla de soporte (x 2)
C Tornillo para el montaje del soporte (x 8)
M5 (25 mm de longitud)
D Tornillo para fijar el soporte (x 4)
M5 (12 mm de longitud)
 - ④ Cable de CA (tipo BF x 1, tipo C x 1, tipo A x 1)
Los tipos de códigos de CA difieren según la región.
E Europa/Reino Unido
F Norteamérica
 - ⑤ Cable de conversión para la terminal de AV (x 1)
- Guía de instalación (este documento) (x 1)

FRANÇAIS

Accessoires fournis

S'assurer que les accessoires suivants sont fournis avec le produit.

REMARQUE

- Le cordon secteur fourni est réservé à ce produit. Ne pas l'utiliser pour d'autres équipements.
 - Les illustrations ci-dessus peuvent varier des accessoires réels, ce qui n'affectera pas l'utilisation du produit.
 - ① Télécommande (x 1)
 - ② Piles AAA pour la télécommande (x 2)
 - ③ A Pied (x 1)
B Support du pied (x 2)
C Vis pour l'assemblage du support (x 8)
M5 (25 mm de long)
D Vis pour fixer le support (x 4)
M5 (12 mm de long)
 - ④ Cordon secteur (Type BF x 1, Type C x 1, Type A x 1)
Les codes CA différent d'une région à l'autre.
E Europe/Royaume-Uni
F Amérique du Nord
 - ⑤ Guide d'installation (ce document) (x 1)
- Guide d'installation (ce document) (x 1)

DEUTSCH

Bereitgestelltes Zubehör

Stellen Sie sicher, dass das folgende Zubehör mit dem Produkt in der Lieferung enthalten ist.

HINWEIS

- Das mitgelieferte Netzkabel ist für dieses Produkt vorgesehen. Verwenden Sie es nicht für andere Geräte.
 - Die obigen Abbildungen können von den tatsächlichen Zubehörtteilen abweichen, welche die Verwendung des Produkts nicht beeinträchtigen.
 - ① Fernbedienungseinheit (x 1)
 - ② Batterien des Typs „AAA“ für die Fernbedienungseinheit (x 2)
 - ③ A Ständerkörper (x 1)
B Standaufnahme (x 2)
C Schraube zur Ständermontage (x 8)
M5 (25 mm Länge)
D Schraube zur Ständeranbringung (x 4)
M5 (12 mm Länge)
 - ④ Netzkabel (Typ BF x 1, Typ C x 1, Typ A x 1)
Die AC-Codetypen unterscheiden sich je nach Region.
E Europa/Großbritannien
F Nordamerika
 - ⑤ AV-Anschluss-Adapterkabel (x 1)
- Installationsanleitung (dieses Dokument) (x 1)

④

ITALIANO

Accessori in dotazione

Assicurarsi che i seguenti accessori siano in dotazione con il prodotto.

NOTA

- Il cavo CA in dotazione è dedicato a questo prodotto. Non utilizzarlo per altre apparecchiature.
 - Le illustrazioni riportate in precedenza possono variare dagli accessori effettivi, ciò non influisce sull'uso del prodotto.
 - ① Telecomando (x 1)
 - ② Batterie tipo "AAA" per telecomando (x 2)
 - ③ A Corpo del piedistallo (x 1)
B Supporto del piedistallo (x 2)
C Vite per assemblaggio del supporto (x 8)
M5 (25 mm di lunghezza)
D Vite per applicazione del supporto (x 4)
M5 (12 mm di lunghezza)
 - ④ Cavo di alimentazione CA (tipo BF x 1, tipo C x 1, tipo A x 1)
I tipi di codice AC variano in base alla regione.
E Europa/Regno Unito
F Nord America
 - ⑤ Cavo di conversione terminale AV (x 1)
- Guida alla configurazione (il presente documento) (x 1)

РУССКИЙ

Поставляемые в комплекте принадлежности

Убедитесь в том, что к изделию прилагаются перечисленные ниже принадлежности.

ПРИМЕЧАНИЕ

- Поставляемый в комплекте шнур электропитания специально предназначен для этого изделия. Не используйте его с другим оборудованием.
 - Фактически используемые принадлежности могут не совпадать с изображенными на приведенных выше иллюстрациях, что не влияет на эксплуатацию изделия.
 - ① Пульт дистанционного управления (x 1)
 - ② Батарейка размера "AAA" для пульта дистанционного управления (x 2)
 - ③ А Основание подставки (x 1)
B Опора подставки (x 2)
C Винт для сборки подставки (x 8)
M5 (длиной 25 мм)
D Винт для крепления подставки (x 4)
M5 (длиной 12 мм)
 - ④ Шнур электропитания (тип BF x 1, тип C x 1, тип A x 1)
Код AC отличается в зависимости от региона.
E Европа/Соединенное Королевство
F Северная Америка
 - ⑤ Переходный кабель для терминала AV (x 1)
- Руководство по установке (этот документ) (x 1)

POLSKI

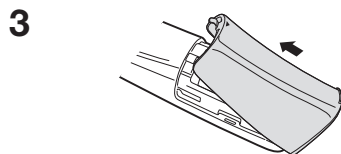
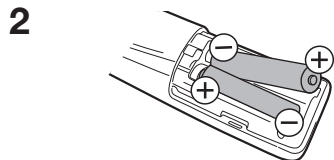
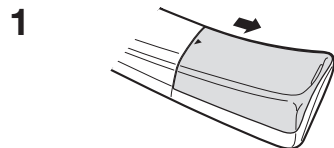
Załączone akcesoria

Upewnić się, że wraz z urządzeniem wykorzystywane są poniższe akcesoria.

UWAGA

- Załączony przewód AC jest przeznaczony dla niniejszego urządzenia. Nie używać go dla innego sprzętu.
 - Powyższe rysunki mogą różnić się od rzeczywistych akcesoriów, co nie ma wpływu na użytkowanie urządzenia.
 - ① Pilot (x 1)
 - ② Bateria AAA od pilota (x 2)
 - ③ A Podstawa (x 1)
B Wspornik podstawy (x 2)
C Śruba do stojaka montażowego (x 8)
M5 (długość 25 mm)
D Śruba do mocowania stojaka (x 4)
M5 (długość 12 mm)
 - ④ Przewód AC (typ BF x 1, typ C x 1, typ A x 1)
Typy kodów AC różnią się w zależności od regionu.
E Europa/Wielka Brytania
F Ameryka Północna
 - ⑤ Kabel AV (x 1)
- Podręcznik konfiguracji (niniejszy dokument) (x 1)

Preparation and How to Use Remote Control Unit



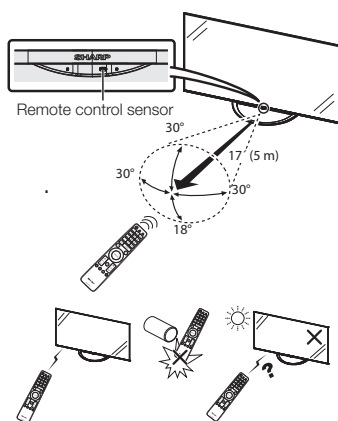
Inserting Batteries into the Remote Control Unit

- 1 Open the battery cover on the back side of the remote control unit.
 - Lift the cover with your finger from the part with the ▲ mark.
- 2 Insert the supplied "AAA" size batteries.
 - Make sure to insert the batteries all the way so that they are not dislocated.
 - Do not mix old and new batteries.
 - Use two batteries of the same type.
 - Insert the batteries from the ⊖ (minus) side.
- 3 Close the battery cover.
 - Press the battery cover until it clicks.
 - Make sure the battery cover is closed completely.

NOTE

Notes on using the remote control unit

- Do not apply impact on the remote control unit. Avoid water and do not place the product in areas with high humidity.
- If the remote control unit occasionally does not respond, the batteries may be running out. Replace them ahead of time. The supplied batteries may run out in a short period of time depending on the storage condition.
- Do not use rechargeable batteries (such as nickel metal hydride batteries). It may lead to malfunctioning.
- Check the cell batteries of the remote control unit once in six month for abnormality such as leakage and distortion. The remote control may not function properly after a leakage occurs.



Range of Remote Control Operation

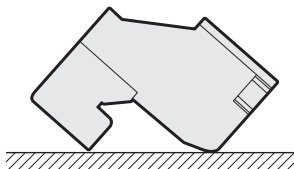
- Check the range and distance of both the remote control unit and the Monitor, and press one button on the remote control unit at a time.

CAUTION

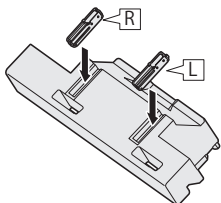
Do not place objects in the area under the Monitor. Obstacles may interrupt the receiver of the remote control and may result in misoperation.

Attaching the Stand

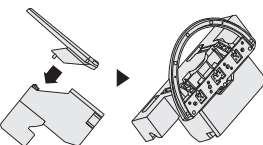
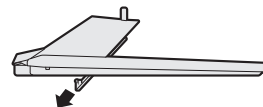
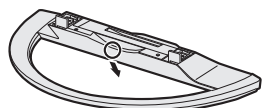
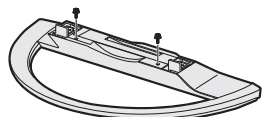
1



2



3



CAUTION

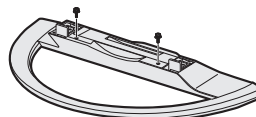
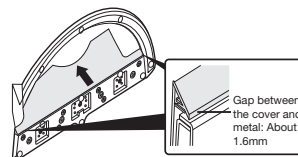
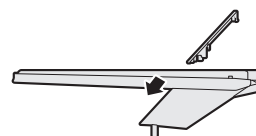
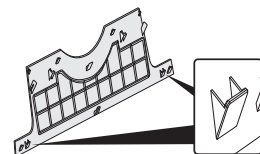
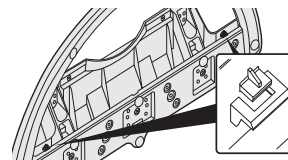
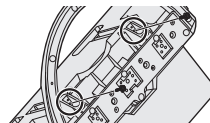
• Since this product is heavy, be sure that it is unpacked and carried by at least two people. Carrying it by yourself may lead to injury.

- Use a commercially available screwdriver and tighten the screws securely.
- When using an electric screwdriver, set the tightening torque to 2.0 N·m (20 kgf·cm).

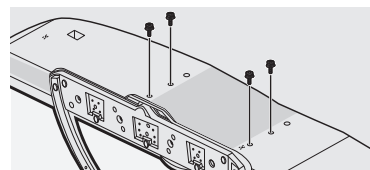
Assembly of the Stand Unit

- 1 Place the TOP-C packaging material on a level surface as shown in the illustration below.
- 2 Install the stand mounting brackets into the grooves of the packaging material.
 - Pay attention to their right/left sides and orientation.
- 3 Remove the front cover of the stand base and install it according to the shape of the packaging material.
 - Remove 2 screws on the stand base.
 - Slide the front cover along the shape of the stand base.

4



6



- 4 Fix the stand base and stand mounting brackets using the 8 screws (large) for stand assembly. Then, attach the front cover.
 - Slide the front cover along the shape of the stand base.
 - Slide and attach the front cover in the arrow direction in such way that the "projections on the rear surface of the front cover" are put into the "tabs on the rear cover".
 - Fix the front cover using 2 screws that have been removed in Step 3 above.
 - Do not use an electric screwdriver for these screws. Tighten them slowly with your hand.

- 5 Prepare a table and lay the display down on it.
 - To prevent damage to the LCD panel and LED part, place a soft cloth such as a blanket on the table, etc. and lay the display down on it.
 - Do not remove the protective sheet of the main body until the completion of the installation.

- 6 Insert the stand and fix it using 4 mounting screws (small) for the stand. The attaching of the stand is now complete.

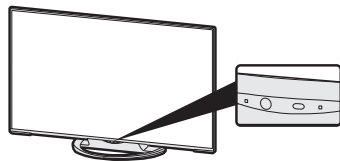
When standing the TV main body upright

- Be careful not to press the TV screen too hard with fingers.

When removing the stand

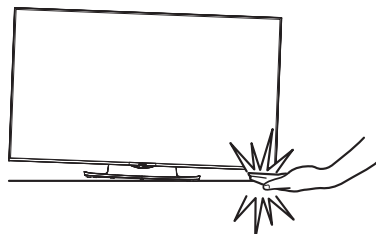
- When moving this Monitor to another location, remove the stand using the reverse order of the attaching procedures in "Attaching the Stand". Be careful of the projection on the LED part of the front side of the display.
 - To prevent damage to the LCD panel and LED part, place a soft cloth such as a blanket on a table, etc. and place this Monitor on it.

Attaching the Stand (Continue)



CAUTION

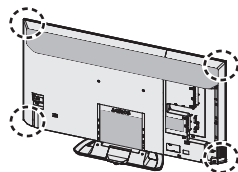
- It is very dangerous to remove the stand fixing screws while this Monitor is standing as it can result in toppling over of this Monitor.



- In the installation procedure, be careful not to catch your fingers between the Monitor set and the floor.
- Do not remove the stand from the Monitor unless using an optional wall mount bracket to mount it.
- After attaching the stand to the Monitor, do not hold the stand when you put up, set up, move or lay down the Monitor.

■ Positions when holding the product

- When lifting or carrying, hold the product by the positions in the illustration, not by the stand or panel surface.

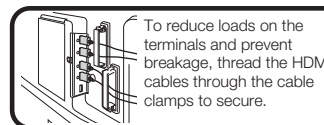
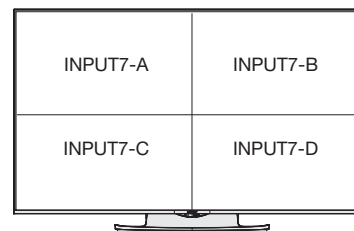


Connecting an 8K Video Device

Connecting with Four HDMI Cables (for 8K Output Compatible Device)

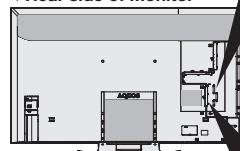
■ Connecting to an 8K output compatible device

- To connect the product to an 8K output (with 7680 x 4320 resolution) compatible device, use four Premium HDMI Cables.
- Connect so that the output signals of the 8K output compatible device are output to the proper positions.
- The display positions for the HDMI input terminals are shown on the right.
- INPUT7** (A to D) are terminals dedicated for 8K input.
- 8K video input terminals are not supported for multi-display.
- When input signals to **INPUT7** (A to D) are all synchronized, 8K display is available.
- By factory default, the Monitor uses the audio to **INPUT7-A**.
- To change the setting, after switching to **INPUT7**, go to the Setup menu, select **Setup** > **(Option)** > **Terminal setting** > **INPUT7 audio select**, and then select a terminal to input audio.
- Also refer to the operating instructions of the device to be connected.
- Commercially available Premium HDMI Cables are necessary.**

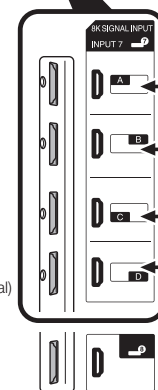


8K output compatible device

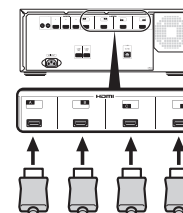
▼Rear side of Monitor



INPUT7
(8K signal terminal)



Premium HDMI cable
(Commercial Item)



Connecting an 8K Video Device (Continue)

Supported format

- 7680 x 4320 (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)

How to switch to 8K video input

- Press **INPUT** on the remote control unit. While the menu for input switching is displayed, use **▲/▼/◀/▶** to select **"INPUT7"** and press **ENTER**.

Channel indication when 8K video input is used

- When 8K signal synchronized with **INPUT7** (A to D) is input, **"4320p"** is indicated as the video information.

NOTE

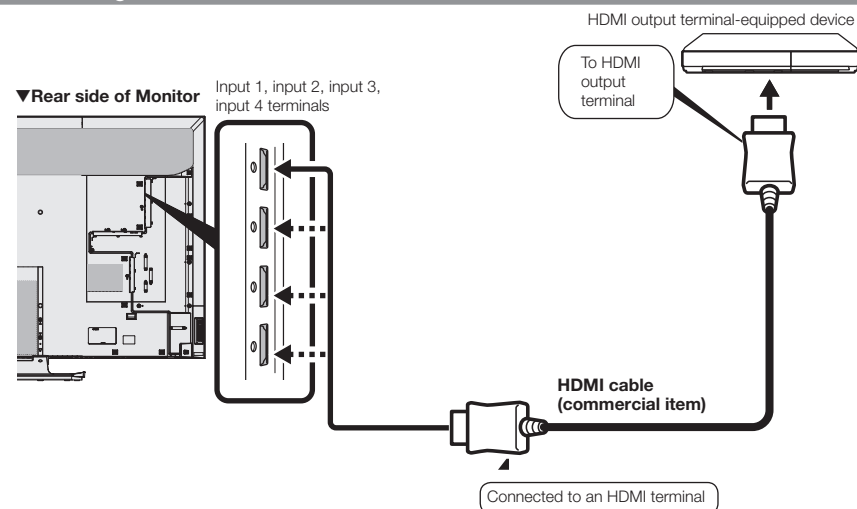
- If a signal that is not supported by this Monitor is input, **"Out of range"** is indicated. If this is the case, refer to the operating instructions of your PC or other devices to set an input signal supported by the Monitor.
- If the input signals are not synchronized, video images are not displayed properly.

Supported audio signal

- Type:
Linear PCM
- Sampling frequency:
48kHz/44.1kHz/32kHz

Connecting with Another Device

Connecting with an HDMI Cable



Be sure to use a commercially available certified HDMI cable (high-speed type) that meets the standards.

- Connect a 4K compatible device to input 1 of the Monitor. To view 4K 60p HDR/SDR video, connect with a Premium HDMI Cable.
If a cable that does not meet the standards is used, image display, audio output, and AQUOS LINK may not be performed properly or noises may occur in images.

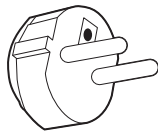
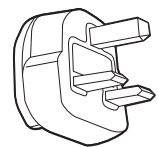
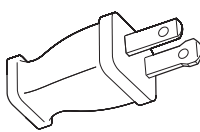
NOTE

- See page EN 3 to connect to an 8K output compatible device.

Connecting AC Cord

Choosing a power cord

AC code types differ depends on region.

<p>TYPE C</p> 	<p>Germany, France, Spain, Austria, Italy, Russia, Netherlands, Poland, Sweden, and other continental European countries.</p>
<p>TYPE BF</p> 	<p>United Kingdom</p>
<p>TYPE A</p> 	<p>North America</p>

NOTE

- If you are not sure of which type to use, contact your local service personnel.
- Illustration of the plug above may not be an exact resemblance of the actual plug.

Connecting AC Cord

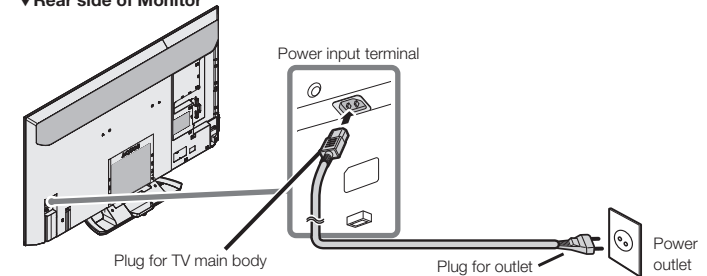
Do not turn on the power before completing connection.

IMPORTANT

- Connect the plug of the AC cord securely so that it is not dislocated.
- Do not disconnect the power plug or turn off the power supply suddenly while the product is in use. It may result in product damage.

Connect the supplied AC cord to "AC INPUT" of the Monitor, and connect the plug into the power outlet.

▼Rear side of Monitor



- Place the Monitor in a location near a power outlet and make sure the power plug can be reached easily.

NOTE

- Turning off the power of the Monitor may take a while. (This time is required for storing the Monitor's internal information to the memory.)

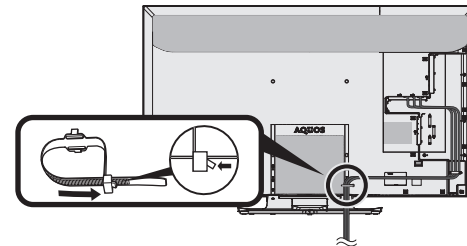
Power consumption

- There is small power consumption while the AC cord is connected even after power has been turned off by the power button of the Monitor.

■ Securing the connected cables and cord

- Pulling the cable connected to the Monitor forcefully by accident may damage the terminals. To reduce the load of the terminals and prevent breakage, secure the cables using the cable tie.

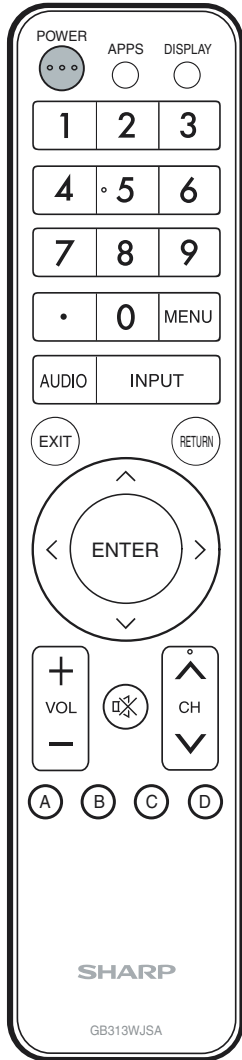
1



1 Attach the supplied cable tie and bundle the cables using it.

2 To loosen the cable tie, hold the lever to release the lock and pull the cable tie.

Introduction



Initial Installation

Perform the following steps before you press **POWER** on the remote control unit.

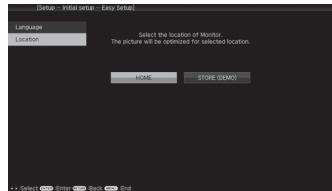
- 1 Insert the batteries into the remote control unit.
- 2 Plug in the AC cord to the AC outlet.

Easy Setup

- 1 Press **▲/▼/◀/▶** to select the desired language listed on the screen, and then press **ENTER**.



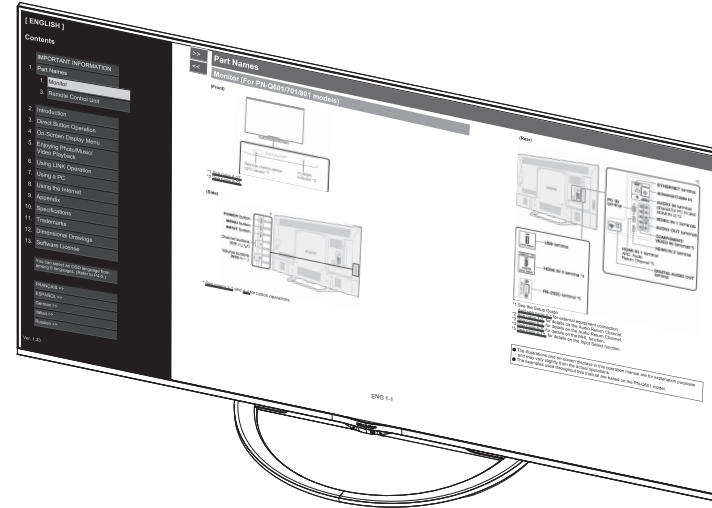
- 2 Press **◀/▶** to select **"HOME"** or **"STORE(DEMO)"**, and then press **ENTER**.



Viewing the Built-in Operation Manual

Viewing the Built-in Operation Manual

You can display the built-in operation manual by selecting **"Information" > "Manual"** from the menu screen.



ENGLISH

Names of Monitor Parts and Remote Control Buttons

Parts of the Monitor

■ Front



POWER lamp
 • White: ON
 • Off: Power OFF

Brightness sensor/remote control receiver
 => Page EN 1
 • Point the remote control unit toward this part.

■ Main body controls

Power button

- MENU button

- INPUT button

• On the Setup menu => "Enter" button

- ^ forward/∨ backward buttons

• On the Setup menu => "Upward/Downward cursor" button
 • "^" button functions as "Upward cursor", and
 • "∨" button functions as "Downward cursor".

- Volume (+/-) buttons

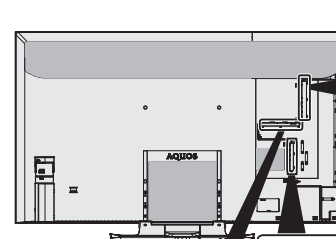
• On the Setup menu => "Right/Left cursor" button
 • "+" button functions as "Right cursor", and
 • "-" button functions as "Left cursor".

If a message "The operation with remote control is prohibited" appears on the screen

Release the lock using the operation buttons on the main body.

- 1) Press the home button on the main body.
- 2) Select **Setup** using the volume buttons on the main body and then press the INPUT button.
- 3) Select **Ecology** > **Operation Lock** using the volume buttons and selection buttons, and then press the INPUT button.
- 4) Select **Off** and press the INPUT button.

■ Rear



Input 8 (HDMI)

Input 6

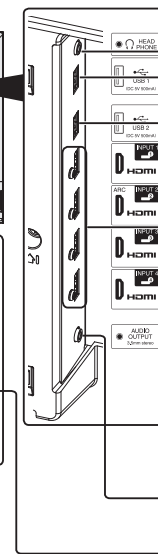
Digital audio output terminal (optical)

Input 5

• AV INPUT
 • AUDIO IN FOR INPUT1/INPUT6/INPUT7/INPUT8

LAN terminal (10BASE-T/100BASE-TX)

• Use this terminal for IP control, etc.



Headphone jack
 (φ3.5 stereo mini jack)

• Audio can be output from the speakers even when headphones are connected. (Refer to "Menu Operation" in the built-in Operation Manual.)

USB1 terminal

• Use this terminal to view photos, music, and video stored in USB memory.

USB2 terminal

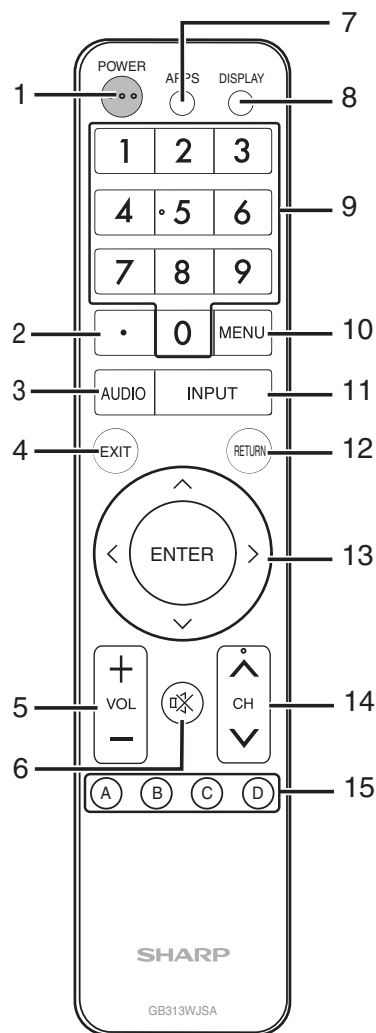
Input 1 to 4 (HDMI)

Analog audio output terminal (φ3.5 stereo mini jack)

Input 7 A-D (HDMI)
 • 8K signal terminal

Part Names

Remote Control Unit



- 1 POWER:** Switch the Monitor power on or enter standby.
- 2 • (DOT):** Used for setting.
- 3 AUDIO:** Select the audio mode during multichannel audio.
- 4 EXIT:** Turn off the menu screen.
- 5 VOL+/-:** Set the volume.
- 6 MUTE:** Mute the sound.
- 7 APPS:** Display the **Application** menu.
- 8 DISPLAY:** Display the information.
- 9 0-9:** Input number.
- 10 MENU:** Display the menu screen.
- 11 INPUT:** Select a Monitor input source.
- 12 RETURN:** Return to previous menu screen.
- 13 ▲/▼/◀/▶/ENTER:** Select a desired item on the screen.
- 14 CH:** Select the next and previous channel.
- 15 A/B/C/D:** Playback control.

Troubleshooting

Check the following before requesting repairs.

Problem	Possible Solution
<ul style="list-style-type: none"> • Power is not turned on. 	<ul style="list-style-type: none"> • Check if the AC cord is connected properly and plugged securely into the outlet. • When the lamp is not lit, turn on the power using the power button on the main body.
<ul style="list-style-type: none"> • An indication Temperature or Temperature of Monitor blinks, and power is turned off automatically. 	<ul style="list-style-type: none"> • The temperature of the Monitor has risen. Get rid of the causes of the increased temperature (such as direct sunlight or hot air). • Check if the Monitor is installed in a condition or location where the temperature rise occurs easily. Do not cover the ventilation opening on the back of the main body when installing. • Frequently remove dust from internal equipment or ventilation opening if it can be removed from the outside. For removing dust inside the equipment, consult your dealer.

Dealing with Problems

When Operation Becomes Unavailable

- When strong external noise (excessive static electricity, electrical surge of power supply due to lightning, etc.) occurs or when wrong operation is performed, the Monitor may not be able to accept any operation.
- If this is the case, press the power button on the main body to turn off the power, turn on the power again, and then perform the operation again.
- If the operation is still unavailable, hold down the power button on the main body for at least five seconds. After the Monitor is shut off, wait for approximately one minute. Then press the power button again to turn on the power and perform the operation again. Settings including channel settings, menus, and reservations are retained after this procedure.

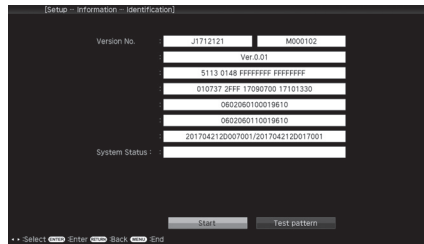
NOTE

- Since data loading is performed immediately after turning on the power, it will take a while until images are displayed on the screen.

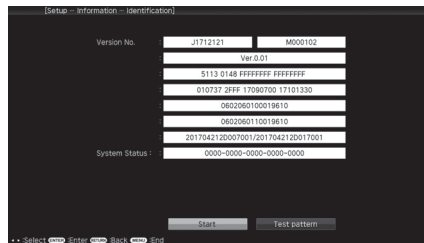
Checking System Status and Software Version

- You can check the status of the Monitor by confirming the software version or system status.

3

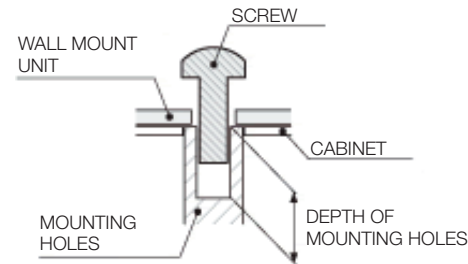


- 1 Press **MENU** and select **Setup** using **▲/▼/◀/▶** buttons, and confirm with **ENTER**.
- 2 Press **▲/▼/◀/▶** to select **Information**, and confirm with **ENTER**.
- 3 Select **"Start"** and confirm with **ENTER**.
 - The system status will be displayed.



Specifications, etc.

Setting the Monitor on the Wall



For the screws, refer to the table shown below.

Unit: inch
(mm)

Standard screws	M8 (Use 1.25 pitch screws.)
Length (Depth of mounting holes)	15/32 (12)
Quantity	4 pcs.

NOTE

- To use this Monitor mounted on a wall, remove the cable tie as needed.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws that are longer than the standard length. Screws that are too long may cause damage to the inside of the Monitor.
- Do not fasten the screws too firmly or loosely. This may damage the product or cause the product to fall, leading to personal injury. SHARP is not liable for these kinds of accidents.
- SHARP is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.



Do not install the wall mount kit while your Monitor is turned on. It may result in personal injury due to electric shock.

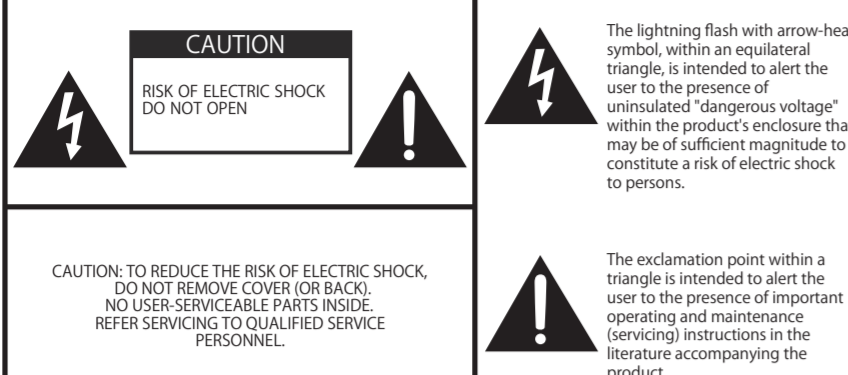
ENGLISH IMPORTANT INFORMATION

IMPORTANT:
To aid reporting in case of loss or theft, please record the Monitor's model and serial numbers in the space provided. The numbers are located at the rear and left side of the Monitor.

Model No.:
Serial No.:

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



The lightning flash with arrow-head symbol, within an equilateral triangle, is intended to alert the user to the presence of unshielded "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

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.

CAUTION: This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other televisions. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

DECLARATION OF CONFORMITY:
SHARP COMMERCIAL LCD Monitor, MODEL 8M-880A1U
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.
RESPONSIBLE PARTY:
SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Suite #100
Montvale, NJ 07645 USA
For Business Customers: URL: <http://sica.sharpsusa.com/>

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.

INFORMATION:
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.



IMPORTANT INFORMATION

FCC Compliance Statement
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.

Wireless Radio
For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible. This device is going to be operated in 2.412-2.462GHz frequency range. **Important:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada Statement
This Class A digital apparatus complies with CAN ICES-003(A)/NMB-31(A)

Wireless Radio
For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible. The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure.
Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.
Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Radiation Exposure Statement: This device complies with IC R55-210 rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept interference received, including interference that may cause undesired operation.

"Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820 of the National Electrical Code that provides guidelines for proper grounding and, in particular, specifies that grounding shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

DEAR SHARP CUSTOMER

Thank you for your purchase of the Sharp Commercial LCD Monitor. To ensure safety and many years of trouble-free operation of your product, please read the Important Safety Instructions carefully before using this product.

IMPORTANT SAFETY INSTRUCTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your Commercial LCD Monitor, please read the following precautions carefully before using the product.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Protect this lighting — For added protection for this Monitor equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the equipment due to lightning and power-line surges.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled on or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Additional Safety Information

- 15) Power Sources — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 16) Overloading — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17) Object and Liquid Entry — Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 18) Damage Requiring Servicing — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
a) When the AC cord or plug is damaged.
b) If liquid has been spilled, or objects have fallen into the product.
c) If the product has been exposed to rain or water.
d) If the product does not operate normally by following the operating instructions.
Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
e) If the product has been dropped or damaged in any way, and

IMPORTANT SAFETY INSTRUCTIONS

1) When the product exhibits a distinct change in performance - this indicates a need for service.

19) Replacement Parts — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20) Safety Check — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

21) Wall or ceiling mounting — When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

• Water and Moisture — Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

• Stand — Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.

• Selecting the location — Select a place with no direct sunlight and good ventilation.

• Ventilation — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.

• The front panel used in this product is made of glass. Therefore, it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the panel breaks.

• The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

• The Liquid Crystal panel is a very high technology product with 33,177,600 pixels, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of green or red. Please note that this does not affect the performance of your product.

• Lightning — For added protection for this Monitor equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the equipment due to lightning and power-line surges.

• Power Lines — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

• To prevent fire, never place any type of candle or flames on the top or near the Monitor set.

• To prevent fire or shock hazard, do not place the AC cord under the Monitor set or other heavy items.

• Do not display a still picture for a long time, as this could cause an afterimage to remain.


• To prevent fire or shock hazard, do not expose this product to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the product.

• Do not insert foreign objects into the vents and other openings or cover them with any objects. Other openings may result in fire or electric shock. Exercise special caution when using the product around children.

Precautions when transporting the Monitor

• When transporting (or by holding or otherwise putting pressure onto) the display, be sure to always carry the Monitor by two people holding it with two hands.

• When transporting the Monitor, never carry it by stand base.

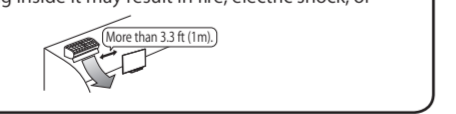


IMPORTANT SAFETY INSTRUCTIONS

Do not install the Monitor in a location in which it will be subject to water drops such as underneath an air conditioning unit or in the vicinity of a humidifier.

• Water drops falling onto the Monitor and water entering inside it may result in fire, electric shock, or malfunctions.

• We recommend that you install the Monitor at least 3.3 ft (1m) away from the outlet of an air conditioner.



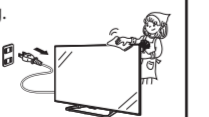
Caring for the cabinet

- Use a soft cloth (cotton, flannel, etc.) and gently wipe the surface of the cabinet.
- Using a chemical cloth (wet/dry sheet type cloth, etc.) may deform the components of the main unit cabinet or cause cracking.
- Wiping with a hard cloth or using strong force may scratch the surface of the cabinet.
- If the cabinet is very dirty, wipe with a soft cloth (cotton, flannel, etc.) soaked in neutral detergent diluted with water and thoroughly wrung out, and then wipe with a soft dry cloth.
- Avoid using benzene, thinner, and other solvents, as these may deform the cabinet and cause the paint to peel off.
- Do not apply insecticides or other volatile liquids.

Also, do not allow the cabinet to remain in contact with rubber or vinyl products for a long period of time. Plasticizers inside the plastic may cause the cabinet to deform and cause the paint to peel off.

Caring for the front panel

- Turn off the main power and unplug the AC cord from the wall outlet before handling.
- Gently wipe the surface of the front panel with a soft cloth (cotton, flannel, etc.).
- To protect the front panel, do not use a dry cloth, liquid cleaners, or a chemical cloth (wet/dry sheet type cloth, etc.). This may damage the surface of the front panel.
- Wiping with a hard cloth or using strong force may scratch the surface of the front panel.
- Use a soft damp cloth to gently wipe the front panel when it is really dirty. (It may scratch the surface of the front panel when wiped strongly.)
- If the front panel is dusty, use an anti-static brush, which is commercially available, to clean it.
- To avoid scratching the frame or screen, please use a soft, lint free cloth for cleaning. Approved cleaning cloths are available directly from Sharp in single (002-LCD-CLOTH) or triple (002-LCD-CLOTH-3) packs. Call 1-877-PR0-ADV1 (1-877-776-2381) for ordering, or visit <http://sica.sharpsusa.com/>



Especially for child safety

- Don't allow children to climb on or play with the Monitor.
- Don't place the Monitor on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" Monitor. Care should be taken to place or install the Monitor where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the Monitor so that they cannot be pulled or grabbed by curious children.

WARNING

Never place a monitor set in an unstable location. A monitor set may fall, causing serious personal injury or death.

Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the monitor set.
- Only using furniture that can safely support the monitor set.
- Ensuring the monitor set is not overhanging the edge of the supporting furniture.
- Not placing the monitor set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the monitor set to a suitable support.
- Not placing the monitor set on cloth or other materials that may be located between the monitor set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the monitor set or its controls.

If your existing monitor set is being retained and relocated, the same considerations as above should be applied.

FCC
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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. To comply with the FCC RF exposure compliance requirements, this device and its antenna must be co-located or operated in conjunction with any other antenna or transmitter.

LIMITED WARRANTY

For USA customers only

THREE YEAR END-USER COMMERCIAL APPLICATION LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first end user purchaser (the "Purchaser") that this commercial application Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, for a period of three (3) years from the date of purchase, replace the defective Product or part thereof with a new or equivalent at no charge to the Purchaser for the periods set forth below.

In order to enforce the rights under this limited warranty, the Purchaser should follow the steps set forth below. The Purchaser must be able to provide proof of purchase to the Sharp, which proof must include the date of purchase, model and serial number.

To the extent permitted by applicable state law, the warranties set forth are in lieu of and exclusive of all other warranties, express or implied, specifically ALL OTHER WARRANTIES, OTHER THAN THOSE SET FORTH ABOVE ARE EXCLUDED. ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES ARE EXCLUDED. THIS WARRANTY DOES NOT COVER THE PRODUCT OR PART THEREOF FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. IF UNDER APPLICABLE STATE LAW, IMPLIED WARRANTIES MAY NOT BE EXCLUDED, THE SHARP ELECTRONICS CORPORATION'S LIMITED WARRANTY FROM THE DATE OF PURCHASE SET FORTH BELOW. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHT. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

The warranties given herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the Purchaser and only for the time periods set forth herein. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the Purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise.

Exclusions — This Limited Warranty does not apply to any cosmetic or consumable items of the Product or the serial number or model number affixed to the Product has been removed, defaced, changed, altered or tampered with. This Limited Warranty does not cover installation or signal reception problems. Sharp does not warrant nor shall Sharp be liable, in any way responsible, for Products, which have been subject to Abuse (including, but not limited to, improper handling, accident, misuse, negligence, lack of reasonable care, alteration, modification, tampering, improper installation, operation or maintenance or any damages or defects in the Product which were caused by repairs or alterations performed by anyone other than a Sharp representative or a Sharp authorized service center). This Limited Warranty also includes any damage to Product (such as physical abrasions, scratches or actions otherwise beyond normal operation of the Product. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow limits on warranties or remedies for breach in certain transactions; in such states, the limits herein may not apply.

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO.

Model Specific Section

Your Product Model Number & Description: 8M-880A1U Commercial LCD Monitor
(Be sure to have this information available when you need service for your product.)

Warranty Period for this Product: Three (3) years from date of purchase.

Additional Exclusions from Warranty Coverage (if any): Any labor and materials required to remove, package and/or reinstall the Product are the responsibility of the Purchaser. Image Retention resulting from a fixed image being displayed for long periods of time is not covered by this Limited Warranty (see Operation Manual on how to obtain service call Sharp toll free at 1-888-GO-SHARP. Sharp will provide instructions on service options available for your Product. Be sure to have Model, Serial Number and Proof of Purchase available when contacting Sharp.

What to do to Obtain Service: If it is deemed the Product meets Limited Warranty terms, Sharp will provide a replacement for return and repair. Please refer to the safety guidelines in your Product Manual and use adequate number of persons to properly handle the product. Sharp will not be responsible for shipping or handling charges for the replacement Product and ensure that the Product is covered by a limited warranty. Sharp shall not be responsible for shipping or handling charges for the replacement Product or for damage to the product incurred during shipping.

TO OBTAIN PRODUCT INFORMATION OR ACCESSORIES, VISIT www.SharpUSA.com

SHARP LIMITED WARRANTY
Commercial Electronics Products
Congratulations on your purchase!

Sharp Electronics of Canada Ltd ("Sharp") warrants to the first purchaser for this Sharp brand product ("Product"), when shipped in its original container and sold or distributed in Canada by Sharp or by an authorized Sharp dealer, and Product was not sold "as is" or "sales final" that the Product will during the applicable warranty period be free from defects in material and workmanship, and within the applicable warranty periods, will either repair the defective Product, provide a refund to the first purchaser, or provide the first purchaser a replacement of the defective Product.

Conditions: This limited warranty shall not apply to:

- (a) Any defects caused or repairs required as a result of abusive operation, negligence, accident, improper installation or in a appropriate use as defined in the owner's manual or other applicable Product documentation.
- (b) Any defects caused or repairs required as a result of a Product that has been tampered with, modified, adjusted or repaired by any person other than Sharp, a Sharp authorized service center or a Sharp authorized servicing dealer.
- (c) Any defects caused or repairs required as a result of the use of the Product with items not specified or approved by Sharp, including but not limited to chemical cleaning agents or other foreign substances.
- (d) Any replacement of accessories, consumable or peripheral items required through normal use of the Product, including but not limited to, remote controls, AC adapters, batteries, cables.
- (e) Any cosmetic damage to the Product surface or exterior that has been defaced or caused by normal wear and tear.
- (f) Any defects caused or repairs required as a result of damage caused by any external or environmental conditions, including but not limited to, transmission line power line voltage or liquid spillage or acts of God.
- (g) If the serial number or model number affixed to Product has been removed, defaced, changed, altered or tampered with.
- (h) Any installation, delivery, setup and/or programming charges.

How to get service: Warranty service may be obtained by contacting Sharp and providing proof of purchase (including date of purchase) by applicable law. Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be at the discretion of Sharp. Sharp shall not be liable for any incidental, special, consequential, economic, emergency or indirect damage of any kind or nature (including but not limited to profits or damages for loss of time or loss of use of data arising from or in any connection with the use or performance of a Product or a failure of a Product, even if Sharp is aware of or has been advised of the possibility of such damage. To the extent permitted by applicable law, Sharp disclaims all other warranties and conditions, express or implied, whether arising by law, statute, by course of dealing or usage of trade, including, without limitation, implied warranties or conditions of merchantability and/or quality, fitness for a particular purpose, and/or non infringement. Installation, repair and/or replacement of the Product, including but not limited to, the use of replacement parts, shall be