SHARP

User manual

XL-B512

Micro Component System

Product images are for illustration purposes only. Actual product may vary. | Das Bild auf der Verpackung kann vom Inhalt abweichend sein. | Las imágenes del producto son para fi nes ilustrativos solamente. | Le immagini dei prodotti sono solo ai fi ni illustrativi. | Les images du produit sont présentées à titre d'illustration uniquement. | Zdjęcie produktu jest tylko w celach ilustracyjnych. Produkt może się różnić.

CD-R/RW Playable

COMPACT disc DIGITAL AUDIO

USB PLAYBACK

MP3

Bluetooth®

WAV

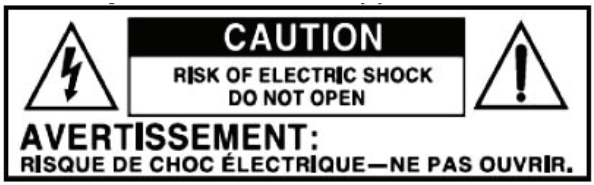
Important Safety Instructions

WARNING: To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure

WARNING: Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to laser beam.
PRODUCT COMPLIES WITH DHHS RULE 21 CFR SUBCHAPTER J IN EFFECT AT DATE OF MANUFACTURE

1. Read these instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
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 radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is 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 the plugs, convenience receptacles, and at 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 or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug the apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified 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 or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- **Warning:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

16. This equipment is a Class Ⅱ or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

17. The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

18. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.

19. Use the equipment in a moderate climate.

FCC WARNING

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

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. 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.

CALIFORNIA PROP 65 WARNING

WARNING / AVERTISSEMENT: This product can expose you to chemicals including Diisononyl phthalate (DINP), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. / Ce produit peut vous exposer à des produits chimiques, notamment le phtalate de Diisononyle (DINP), qui est connu dans l'État de Californie pour provoquer le cancer. Pour plus d'informations, visitez www.P65Warnings.ca.gov

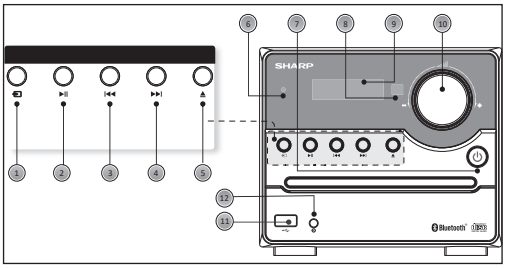
IC WARNING

- English:
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada ' s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
FCC/ IC Radiation Exposure Statement
This equipment complies with FCC and IC 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
- French:
Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."
FCC/ IC Déclaration d 'exposition aux rayonnements
Cet appareil est conforme à FCC et IC l ' exposition aux rayonnements limites fixées pour un environnement non contrôlé. Cet appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet transmetteur ne doit pas être co-situé ou opérant en liaison avec toute autre antenne ou transmetteur.

What is included in the box

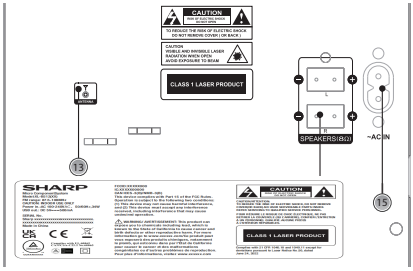
1 x Main unit
2 x Speaker
1 x Remote control
2 x AAA battery
1 x User guide
1 x Quick start guide
1 x Power cord

Panels & Controls



Front panel

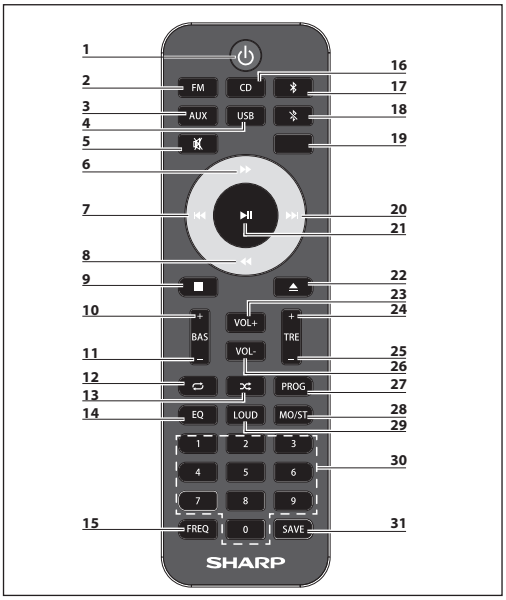
1. **SOURCE button:** Press to select the modes.
2. **PLAY/PAUSE button:** Press to pause or play the music.
3. **PREVIOUS button:** Press to skip to previous song/ station, press and hold to reverse/scan.
4. **NEXT button:** Press to skip to next song/station, press and hold to fast forward/scan.
5. **EJECT button:** Press to open/close CD drawer (in CD mode)
6. **Standby indicator:** lit when in standby
7. **STANDBY:** press to turn on or enter standby
8. **Remote Sensor:** Point the remote at the sensor within a 7m range.
9. **Display Screen:** Shows information in relation to the mode/function being used.
10. **VOLUME+/- knob:** Turn to adjust the volume level.
11. **USB Port:** Used to connect a USB flash disk.
12. **Audio Input Socket:** Used to connect external audio sources.



Rear panel

13. **FM Antenna:** To receive the FM signal.
14. **Speaker Terminals:** Connect the speakers to the main unit.
15. **Power supply:** Connect the figure 8 power lead.

Remote control



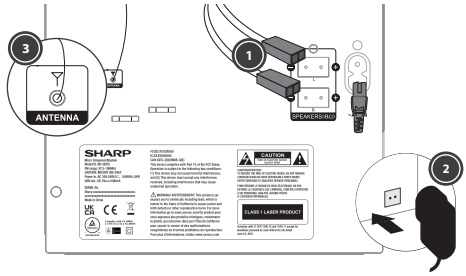
1. **STANDBY:** press to turn on or enter standby.
2. **FM:** Press this to enter FM mode.
3. **AUX:** Press this to enter Aux mode.
4. **USB:** Press this to enter USB mode.
5. **MUTE:** Press this to mute the sound, press again or press + or - button to resume.
6. **FAST FORWARD:** Press this to fast forward the track that is currently playing.
7. **PREVIOUS:** Press this to skip to the previous track/saved station.
8. **FAST REWIND:** Press this to fast-rewind the track that is currently playing.
9. **STOP:** In CD/USB mode, press to stop playback.
10. **BASS +:** Press this button increase the bass.
11. **BASS -:** Press this button decrease the bass.
12. **REPEAT:** Press to repeat song in CD mode.
13. **RANDOM:** Press this to play music in a random order.
14. **EQ:** Press this to select the sound equalizer pre-set.
15. **FREQ:** Frequency: in FM mode, press to enter a frequency manually.
16. **CD:** Press this to enter CD mode.
17. **BLUETOOTH:** Press this to enter Bluetooth mode.
18. **BLUETOOTH disconect:** Press to disconnect a paired Bluetooth device.
19. **BLANK:** no function
20. **NEXT:** Jump to next track/saved station.
21. **PLAY/PAUSE:** Start or pause the playback
22. **EJECT:** Press to open/close CD drawer (in CD mode).
23. **VOLUME +:** Press this to increase volume.
24. **TREBLE +:** Press this button to increase the treble.
25. **TREBLE -:** Press this button to decrease the treble.
26. **VOLUME -:**Press this to decrease volume.
27. **PROGRAM:** Used this to program the playback order.
28. **MO/ST:** In FM mode, press to switch stereo on/off.
29. **LOUD:** Press "delete" to increase the level of bass at low volume levels.

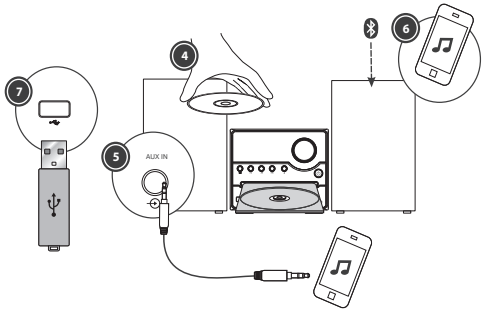
30. **NUMBER (0-9):** Use to select tracks or enter frequency.
31. **SAVE:** Press to save your favourite stations.

Fitting or replacing the remote control batteries

1. To open the battery compartment, push your thumb down on to the circle on the battery compartment cover and slide it down.
2. Fit two batteries observing polarity +/- as shown. When replacing the batteries, use only the same type of battery supplied.
3. Re-fit the battery cover and clip it in place.

Preparation for use





1. Place a speaker on either side of the main unit, preferably at the same height and with at least 150mm space between each speaker to the main unit.
   Connect the speaker plugs to the rear of the unit. Take care to match the speaker placed to the LEFT to the LEFT output on the rear of the unit. Repeat for the RIGHT speaker.
2. Please ensure that the voltage marked on the rating label, located on the rear panel, is the same as the voltage in your area. Insert the figure 8 end of the power lead in to the AC IN socket on the back of the unit. Plug the other end of the cable in to the wall socket.
3. Press the STANDBY button on the main unit to turn it ON.
   Extend the ANTENNA to get the best reception. Press the source button on the unit, or FM button on the remote control to enter the FM mode. To use the radio in FM mode, follow the instructions in the FM RADIO OPERATION chapter of the User manual.
4. Press the source button on the unit, or CD button on the remote control button to enter the CD mode. Press the ⏏ button to open the disc drawer and insert a disc. Press the ⏏ button again to close. The CD will begin playing from the first track.
5. Press the source button on the unit, or AUX button on the remote control button to enter the Aux In (Audio) mode. Connect your audio device to the AUX IN socket via a 3.5mm aux in cable. Control playback via your connected audio device.
6. Press the source button on the unit, or button on the remote control button to enter the Bluetooth mode. Activate the Bluetooth enabled device and select the "**SHARP XL-B512"**. Select the song you want and press to play.
7. Press the source button on the unit, or USB button on the remote control to enter the USB mode. Plug the USB device to USB port on the front panel of the unit, and it will read the USB and play automatically.

BASIC FUNCTIONS

Switching modes

To switch between the modes: CD, FM, Bluetooth, USB and AUX IN, press SOURCE button on the unit or the corresponding button (FM, CD, , AUX, USB) on the remote control.

Volume control

1. Increase: Rotate the VOLUME control on the main unit clockwise or press the **VOL+** button on the remote.
2. Decrease: Rotate the VOLUME control on the main unit anti-clockwise or press the **VOL-** button on the remote.

EQ effects

Press the **EQ** button on the remote repeatedly to cycle through a set of equaliser presets to adjust the sound. Choose from CLASSIC, ROCK, POP, JAZZ, DANCE, LIVE and Off.

Loudness function

This function will increase the level of bass at low volume levels. Press the **LOUD** button on remote to enable the effect. Press again to disable the effect.

Mute function

Press the button at any time to mute the sound output. Press again to unmute.

Tone controls

To adjust the bass, use the **BAS+** or **BAS-** buttons on the remote control. To adjust the treble, use the **TRE+** or **TRE-** buttons on the remote control.

Standby mode

Press the **STANDBY** button on the unit or the remote to put the system into standby mode. To resume normal operation, press this button again.

NOTE: This unit is designed to enter STANDBY mode automatically, after about 15 minutes (approximately) of inactivity. Press STANDBY button to wake the unit.

NOTE: When you power on the unit from standby, it will resume in the mode that was last used.

FM radio operation

1. Press the source button on the unit, or FM button on the remote control to enter the FM mode. (FM frequency: 87.50-108.00MHz)
2. Press the ◀◀/▶▶buttons on remote control to decrease or increase the frequency in **0.05MHz** increments.
3. Press and hold the ◀◀/▶▶ buttons on remote control to scan through the frequency range quickly. The scan will stop once it has found a station.
4. Press and hold the ▶ II button to scan through the frequency range quickly; it will store any stations found automatically.
5. **SAVE a station:**
   You can store up to **40** FM stations in memory.
   - Press the **FREQ** button and then, using the number buttons enter the frequency that you want to store.
   - Press the **SAVE** button, it will show " P01" on the display.

- Press the ⏮/⏭ button to select the station preset number you want to save the frequency under.
- Press the **SAVE** button again to confirm.

6. Recall the preset stations:
   - Press the ⏮/⏭ button to recall your stored stations.

CD operations

1. Press the source button on the unit, or CD button on the remote control to enter the CD mode. Press the ⏏ button to open the disc drawer, put a CD in, then press the ⏏ button again to close.
2. Press the ▶ II button to pause or play the song.
3. Press the ■ button on remote control to stop playing, press the ▶ II button to re-start.
4. Press the ⏮/⏭ button to skip to the previous or next song.
5. Press the ◀◀/▶▶ button on remote control to fast forward or fast rewind the playback, press repeatedly to resume normal speed.
6. To directly select a specific song press the number buttons 0-9 on remote control.
   Example:
   - If the track number consists of two digits, for example 25, press button "2", and then button "5" to select the 25th track.
   - If the track number is a one digit number, for example 9, press "0" first, then "9" to skip to the 9th track.
7. **REPEAT button:**
   While in playing mode, press the button to set repeat mode.
   - For CD and CD-R discs, press the button to repeat playing songs.
   - Press once to repeat current song. Press again to repeat all tracks.
   - Press a third time to cancel.
8. Press the button on the remote control to play the tracks in a random order. Press again to resume.
9. You can set the disc to play tracks in a programmed order:
   - Press the ■ button on remote control to stop playing.
   - Press the **PROGRAM** button on remote control. The screen displays: **P01**.
   - Press the number buttons on remote control to select the tracks to program.
   - Press the ⏮/⏭ buttons on remote control to skip between the program tracks.
   - Press the PROGRAM button on the remote control to confirm.
   - To begin the programmed order, press the ▶ II button.
   - To cancel the program sequence, press the ■ button twice.

Notes:

- *MP3 and WAV formats are supported.*
- *Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.*

Bluetooth Operation

The Micro system has Bluetooth capability and is able to receive a signal within a range of 7 metres. To pair the Micro system with a Bluetooth device:

1. Press the source button on the unit, or button on the remote control button repeatedly to enter the Bluetooth mode, the"**bt**" message appear and flash on the display.
2. Activate your Bluetooth device and select the search mode.
3. Select "**SHARP XL-B512"** from the search list and connect.
4. Enter "**0000**" for password if prompted.
5. When the devices are connected to each other, a confirmation sound will be made. "bt" will stop flashing in the display.
6. You can now playback music from your device. Please note that the volume on the Bluetooth source device operates independently to the volume of the unit.
7. To turn off the Bluetooth function: switch to another function on the Micro system; disable the function on your Bluetooth source device; or press the button on the remote control.

Connect other audio devices

Audio (AUX IN) allows your unit quickly and easily to connect to an MP3 player or other external sources.

1. Use a 3.5mm audio cable to connect your external audio device to the **AUX IN** socket on the front panel.
2. Press the source button on the unit, or AUX button on the remote control button to switch to the AUX IN mode.
3. You may need to operate the external audio device directly for playback features.
4. Please note that the volume on the Audio source device operates independently to the volume of the unit.

USB Operation

It is possible to listen to music via the USB device interface of the unit.
Connecting a USB device:

1. Switch the unit on and select USB mode by pressing the SOURCE button.
2. Connect the USB device to the USB connection socket on the front panel of the unit.
3. The unit will now play songs which are saved on the USB device.

Notes:

- *MP3 format is supported.*
- *Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played*
- *Even when the files are in a supported format (MP3), some may not play or display depending on the compatibility.*
- *In some case, reading may be as long as 60 seconds, this is not a malfunction.*
- *Depending on the amount of data and media speed, it may take longer for the unit to read the USB device.*
- *The maximum USB memory size is 32GB.*
- *USB memory device must be formatted in FAT, FAT16 or FAT32*

Troubleshooting

No Power

Reason

- Power cable not connected to wall socket
- Power socket is not switched on

Solution

- Make sure the plug is connected
- Switch the power on

No Sound from AUX/Bluetooth input

Reason

- Volume is too low
- AUX/Bluetooth source volume is too low

Solution

- Increase the volume
- Increase the output volume of the AUX source

Sound is distorted from AUX Input

Reason

- Volume is too high
- AUX source volume is too high

Solution

- Reduce the volume
- Reduce the output volume of the AUX source

Unable to play CD

Reason

- No disc in the tray
- Disc not loaded properly
- Disc is dirty

Solution

- Insert a compatible disc
- Check the disc loaded correctly
- Clean the disc

Static Sound

Reason

- Poor reception

Solution

- Re-locate the antenna (FM)

Desired station not found

Reason

- Weak signal
- Station not available in your area

Unit switches off after 15 minutes of inactivity

Reason

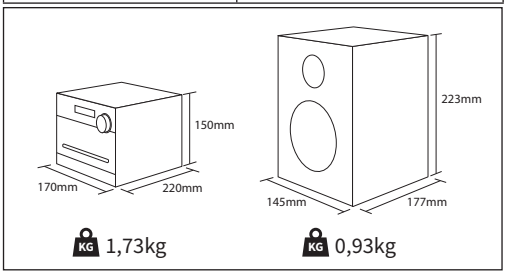
- Auto standby mode in operation

Solution

- This unit is designed to enter STANDBY mode automatically after 15 minutes of inactivity. Press the STANDBY button to wake up the unit.

Technical specification

Model	XL-B512
Radio Signal	87.5-108MHz
Power Suppl	AC 100-240VAC，50/60Hz
Power Consumption	34 W
Standby Power Consumption	<0,5 W
Output Power	2 x 7,5W (RMS)
Impedance	2 x 8 Ω
Frequency Response	60Hz - 20KHz
Bluetooth	
Version	V 5.0
Maximum power transmitted	<20 dbm
Frequency bands	2402 MHz ~ 2480 MHz
CD player	
Disc format	CD, CD-R, CD-RW, MP3, WAV
Remote Control	
Battery Type	2x AAA / 1.5V



Made in China

SHARP