

SHARP



User manual

XL-B510

Micro Component System

EN

Product images are for illustration purposes only. Actual product may vary.



Dear Customer, Thank you for having purchased this SHARP product. We would like to inform you that your warranty rights are in the European warranty card. You can download them from www.sharpconsumer.eu or contact your retailer where you purchased your device. You can also obtain the copy of the warranty rights via the electronic or conventional mail after submitting your request to service@umc-uk.co.uk or calling the number **+44 (0) 330 024 0803 (UK) | +353 1443 3323 (IE)**. Calls are charged at your normal telephone call rate.

Keep proof of purchase because it is necessary to apply warranty rights.



Important safety instructions



Please, read these safety instructions and respect the following warnings before the appliance is operated:



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



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



This symbol means that the product should be disposed of in an environmentally friendly manner and not with general household waste.



AC voltage



DC voltage



Class II equipment

In order to prevent fire always keep candles and other open flames away from this product.



Warning:

- Always follow basic safety precautions when using this appliance, especially when children are present.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not damage the power cord, neither do not place any heavy objects on it, do not stretch it or bend it. Also do not attach extension cables. Damage to the power cord may occur fire or electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.
- Ensure that the unit is plugged into an AC 220-240V 50Hz power outlet. Using higher voltage may cause the unit to malfunction or even fire catching.
- If the power plug does not fit into your outlet, do not force the plug into an electrical socket if it does not fit.
- Turn off the unit before unplugging it from power source to completely switch it off.
- Do not disconnect or connect the power cord with wet hands. It may cause an electric shock.
- Disconnect the power cord if it is not used for a long time.
- Ensure that the mains plug is always easily accessible.
- This product does not contain any parts that are serviceable by the user. In case of a fault, contact the manufacturer or authorised service department. Exposing the internal parts inside the device may endanger

your life. The manufacturers guarantee does not extend to faults caused by repairs carried out by unauthorised third parties.

- Do not use this product immediately after unpacking. Wait until it warms up to room temperature before using it.
- Ensure this product is used in moderate climates only (not in tropical/subtropical climates).
- Place product on a flat, stable surface that is not subject to vibrations.
- Ensure the product and its parts is not overhanging the edge of the supporting furniture.
- To reduce the risk of fire, electric shock or damage to this product, do not expose it to direct sunlight, dust, rain and moisture. Never expose it to dripping or splashing and do not place objects filled with liquids on or near the product.
- Do not place objects filled with liquids, such as vases, on the apparatus.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not place the product where the humidity is high and ventilation is poor.
- Ensure a minimum distance of 5 cm around the apparatus for sufficient ventilation. Do not block any ventilation openings of this product. Always ensure that the ventilation openings are not covered with items such as newspapers, table-cloths, curtains, etc.
- NEVER let anyone, especially children, push anything into holes, slots or any other openings in the unit's casing as this could result in a fatal electric shock.
- Storms are dangerous for all electric appliances. If the mains or aerial wiring is struck by lightning, the appliance might get damaged, even if it is turned off. You should disconnect all the cables and connectors of the appliance before a storm.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Do not move the unit during disc playback. During playback, the disc rotates at high speed. Do not lift or move the unit during playback, as doing so may damage the disc or the unit.
- Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker maybe damaged when a peak level section is suddenly played.

Maintenance

- Unplug the power cable from the power source before cleaning the appliance.
- Use a soft and clean rag to clean the outside of the unit. Never clean it with chemicals or detergent.

Batteries

- Observe the correct polarity when inserting the batteries.
- Do not expose batteries to high temperatures and do not place them on locations where the temperature might increase quickly, e.g. near the fire or on the direct sunshine.
- Do not expose batteries to excessive radiant heat, do not throw them into the fire, do not disassemble them and do not try to recharge un-rechargeable batteries. They could leak or explode.
- Never use different batteries together or mix new and old ones.
- When the Remote Control is not to be used for a long time (more than a month), remove the battery from the Remote Control to prevent it from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use any batteries other than those specified.

Do not ingest battery, chemical burn hazard

- If the battery is swallowed, it can cause severe internal burns in just 2 hours and lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop



using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Disposal of this equipment and Batteries

- Do not dispose of this product or its batteries as unsorted municipal waste. Return it to a designated collection point for the recycling of WEEE in accordance with local law. By doing so, you will help to conserve resources and protect the environment.
- Most of the EU countries regulate the disposal of batteries by law. Contact your retailer or local authorities for more information.
- The shown above appears on electrical and electronical equipment and batteries (or the packaging) to remind users of this. If "Hg" or "Pb" appears below the symbol, this mean that the battery contains traces of mercury (Hg) or lead (Pb), respectively.
- Users are requested to use existing return facilities for used equipment and batteries.



CAUTION:

- Appliances with built in CD player are marked with this caution label
- THIS UNIT IS A CLASS 1 LASER PRODUCT. THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED. WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVISING TO QUALIFIED PERSONNEL.



CE Statement:

- Hereby, UMC Poland Sp. z o.o. declares that this audio device is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU. The full text of the EU declaration of conformity is available by following the link <https://www.sharpconsumer.eu/documents-of-conformity/>

Trademarks:

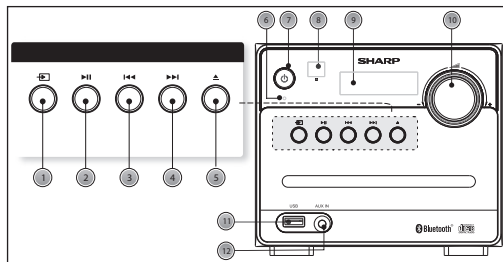


The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

What is included in the box

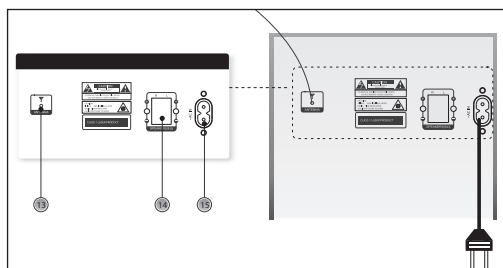
- 1 x Main unit
- 2 x Speaker
- 1 x Remote control
- 2 x AAA battery
- 1 x User guide
- 1 x Quick start guide
- 1 x Power cord

Panels & Controls



Front panel

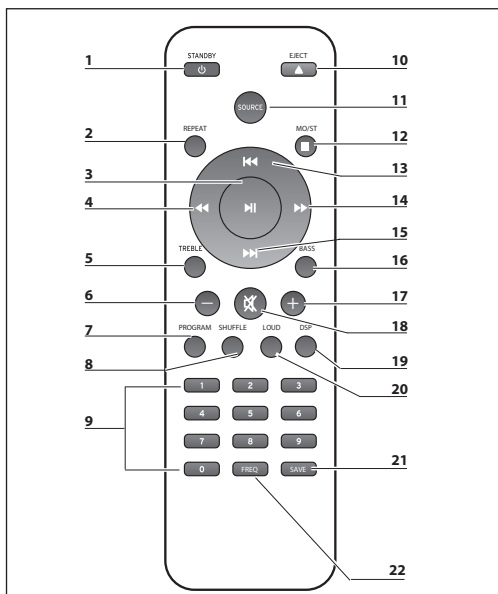
1. **SOURCE button:** Press to select the modes.
2. **PLAY/PAUSE button:** Press to pause or play the music.
3. **PREVIOUS button:** Press to skip to the previous song/station.
4. **NEXT button:** Press to skip to the next song/station.
5. **EJECT button:** Press to pop out the disc drawer.
6. **Power Indicator:** Indicate the status.
7. **STANDBY button:** Press to set to standby mode or turn on.
8. **Remote Sensor:** Point the remote control to the sensor within 7 meters.
9. **Display Screen:** Display the station information.
10. **VOLUME+/- knob:** Turn to adjust the volume level.
11. **USB Port:** Used to connect with the 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 socket:** Connect the power cord to the power supply.

Remote control



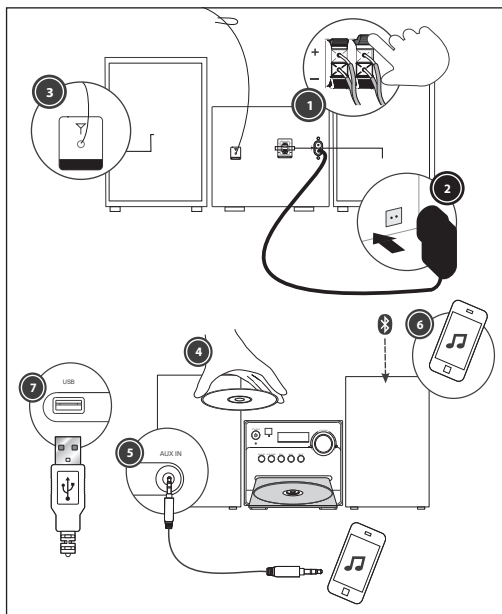
1. **STANDBY:** Press this to turn on the unit or enter Standby mode.
2. **REPEAT:** Press this to repeat the song.
3. **PLAY/PAUSE:** Start/ Pause playback.
4. **FAST REWIND:** Press this to fast-rewind the track that is currently playing.
5. **TREBLE:** Press this button to adjust the treble, use the + or - buttons to increase/decrease the treble.
6. **VOLUME-:** Press this to decrease volume.
7. **PROGRAM:** Use this to program the playback order.
8. **SHUFFLE:** Press this to play music in the random order.
9. **NUMBER (0-9):** Go to storage location, enter frequency, select track
10. **EJECT:** Press this to pop out the disc drawer
11. **SOURCE:** Select mode of operation: CD, FM, USB, Bluetooth® (BT), AUX
12. **STOP/ MO/ST:** Stop playback, switch between mono and stereo while in FM mode.
13. **PREVIOUS:** Press this to skip to the previous track.
14. **FAST FORWARD:** Press this to fast forward the track that is currently playing.
15. **NEXT:** Jump to next track/ station.
16. **BASS:** Press this button to adjust the bass, use the + or - buttons to increase/decrease the bass.
17. **VOLUME+:** Press this to increase volume.
18. **MUTE:** Press once to mute the sound, press again to unmute. You can also unmute by pressing the volume control buttons.
19. **DSP:** Press this to select the sound equalizer.
20. **LOUD:** Press LOUD to increase the level of bass at low volume levels.
21. **SAVE:** Press to save your favourite stations.
22. **FREQ:** Frequency, in FM mode, press to enter your favourite frequency.

Fitting or replacing the remote control batteries

1. Push the catch on the battery cover in the direction of the embossed arrow on the rear of the remote.
2. While pushing the catch, open the battery cover.

3. Fit two batteries observing polarity +,- as shown. When replacing the batteries, use only the same type of battery supplied.
4. 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.
The LEFT RED cable connects to the LEFT RED terminal, the RIGHT RED cable to the RIGHT RED terminal. Both BLACK cables connect to the corresponding BLACK terminals.
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. Choose a suitable Power Cord, insert the end of the cord into the Power Socket on the rear panel of the unit. Then plug the other end of the cable in to the wall socket.
3. Press the **STANDBY** button on the main unit to turn ON the unit. Extend the ANTENNA to get the best reception. Press the **SOURCE** button 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 to enter the CD mode. Press the **EJECT** button to open the disc drawer and insert a disc. Press the **EJECT** button again to close. The CD will begin playing from the first track.
5. Press the **SOURCE** 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 to enter the Bluetooth mode. Activate the Bluetooth enabled device and select the "**SHARP XL-B510**". Select the song you want and press to play.

7. Press the **SOURCE** button 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 remote control to switch modes.

Volume control

1. Rotate the VOLUME control clockwise or press the "+" button to increase the volume level.
2. Rotate the VOLUME control anti-clockwise or press the "-" button to decrease the volume level.

DSP effects

Press the **DSP** button repeatedly to cycle through a set of equalizer presets to alter 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 **MUTE** button at any time to mute the sound output. Press again to unmute.

Tone controls

Adjust the bass and treble tone controls if required.

Press the **BASS** or **TREBLE** button on remote control directly to select bass or treble, then use the "+" or "-" buttons to adjust.

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 10 minutes (approximately) of inactivity. Press STANDBY button to wake the unit.

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

FM radio operation

1. Press the **SOURCE** button on the panel or 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 **PREV/NEXT** buttons on the panel or 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 through the station number you want to save.
 - 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 panel or the remote control to enter the CD mode. Press the **EJECT** button to pop out the disc drawer, put a CD on, then press the **EJECT** button again.
2. Press the **▶ ||** button to pause or play the song.
3. Press the **STOP/MO/ST** button on remote control to stop playing, press the **▶ ||** button to re-start.
4. Press the **PREV/NEXT** button or **◀◀▶▶** button on remote control 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 **REPEAT** button to set repeat mode.
 - For CD and CD-R discs, press the **REPEAT** 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 **SHUFFLE** button on remote control to play the disc in random order. Press again to resume.
9. You can set the disc played in a programmed order:
 - Press the **STOP/MO/ST** 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 **▶ ||** button.
 - To cancel the program sequence, press the **STOP/MO/ST** 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 7 meters. To pair the Micro system with a Bluetooth device:

1. Press the **SOURCE** 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-B510**" 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. Now you can enjoy the music from your device.
7. To turn off the Bluetooth function, switch to another function on the Micro system, or disable the function on your Bluetooth device.

Connect other audio devices

Audio 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. Connect the Micro System mains plug to the power supply.
3. Press the **SOURCE** button to switch to the AUX IN mode.
4. You may need to operate the external audio device directly for playback features.
5. For optimum volume levels, adjust the volume on the external audio device.

USB Operation

It is possible to listen to the music using 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 radio will now play songs which are saved on the USB device.

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
- 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 64GB.
- 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 CD/AUX/RADIO

No Sound from AUX input

Reason

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

Solution

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

Sound is distorted

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
- 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 10 minutes of inactivity**Reason**

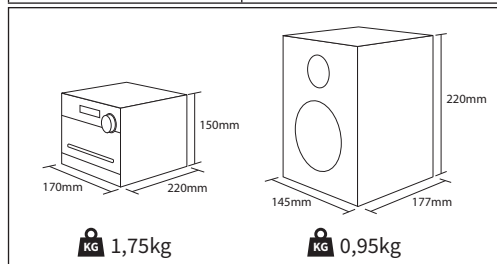
- Auto standby mode in operation

Solution

- This unit is designed to enter STANDBY mode automatically after 10 minutes of inactivity. Press the STANDBY button to wake up the unit.

Technical specification

Model	XL-B510
Radio Signal	87.5-108MHz
Power Supply	AC 220-240V~ 50Hz
Power Consumption	28 W
Standby Power Consumption	<0,5 W
Output Power	2 x 7 W (RMS)
Impedance	2 x 8 Ω
Frequency Response	60Hz - 20KHz
Bluetooth	
Version	V 2.1 + EDR
Maximum power transmitted	<20 dbm
Frequency bands	2402 MHz ~ 2480 MHz
CD player	
Disc format	CD, CD-R, CD-RW, MP3, WMA
Remote Control	
Battery Type	2x AAA / 1.5V





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Poland

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SAU/MAN/0093

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