

memorex®

32-inch Dolby 2.0.2 CH Atmos Soundbar

MODEL | MX-SBDA220

OPERATION MANUAL



ENGLISH

SPECIAL NOTES

For users in U.S.



CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Explanation of Graphical Symbols:



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 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.

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

FOR YOUR RECORDS

For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located at the bottom of the unit.

Please retain this information.

Model number _____

Serial number _____

Date of purchase _____

Place of purchase _____

To obtain service or product information,
call **1-877-506-4900**

FCC COMPLIANCE STATEMENT

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

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No userserviceable parts inside. Refer servicing to qualified service.

FCC NOTICE:

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 that may cause undesired operation.

FCC Radiation Exposure Statement:

The product comply with the US portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

GENERAL SAFETY (CONT.)

1. **Read Instructions:** All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions:** The safety and operating instructions should be well kept for future reference.
3. **Heed Warnings:** All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions:** All operating and use instructions should be followed.
5. **Power Sources:** The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
6. **Power-Cord Protection:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the appliance.
7. **Overloading:** Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
8. **Grounding or Polarization:** Precaution should be taken to insure that the grounding or polarization means of an appliance is not defeated.
9. **Severe weather:** In extreme weather such as lightning storm, hurricane, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to unexpected power surges.
10. **Water and Moisture:** The appliance should not be used near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or a wet basement.
11. **Heat:** The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
12. **Object/Liquid Entry:** Care should be taken so that no object/liquid enter into the enclosure through openings.
13. **Ventilation:** The appliance should not be situated so that its location (on a bed, sofa, rug, or similar surface) or position (such as a bookcase or cabinet) interferes with its proper ventilation.
14. **Mounting:** The appliance should be mounted only as recommended by the manufacturer.
15. **Cleaning:** Only use a soft dry cloth to clean the appliance.
16. **Servicing:** The user should not attempt to service the appliance beyond that described in the user's operating instructions. All other servicing should be referred to qualified personnel.
17. **Replacement Parts:** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock or other hazards.
18. **Damage Requiring Service:** The appliance should be serviced by qualified service personnel when:
 - The power-supply cord or plug has been damaged.
 - Objects have fallen into, or liquid has been spilled into the appliance enclosure.
 - The appliance has been exposed to rain.
 - The appliance has been dropped, or the enclosure damaged.
 - The appliance does not appear to operate normally or exhibits a marked change in performance.
19. **Carts and Stands:** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces cause the appliance and cart combination to overturn.
20. **Non-use Periods:** The power cord of the appliance should be unplugged from the outlet/ The batteries should be removed when the appliance is to be left unused for a long period of time.



POWER SOURCE

1. Insert the small plug from the supplied AC/DC Adapter to the DC IN Jack on the rear of unit.
2. Connect the AC/DC Adapter to the wall outlet having AC 100-240V~ 50/60Hz.



NOTES:

- To save energy, unplug the AC/DC Adapter from the wall outlet if you may not use the unit for an extended period of time.
- This AC/DC Adapter intended to be correctly orientated in a vertical or floor mount position.

INSTALLATION

1. Placing on the table

When placing the Sound Bar on an entertainment center, bookshelf, or any type of enclosed space, be sure to allow at least 2-3 inches of space around the Sound Bar for ventilation. If the Sound Bar is enclosed in a tight space, without ventilation, heat generated from the Sound Bar could produce a potential heat hazard.



2. Mounting the Speaker Bar onto a wall

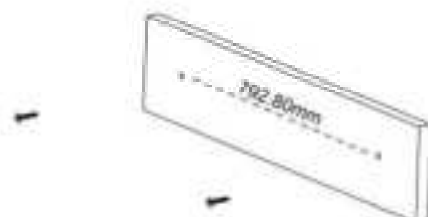
We recommend having this unit professionally mounted. By using wall mounting accessories (not included), the unit can be mounted onto a wall.

Distance Between Two Brackets



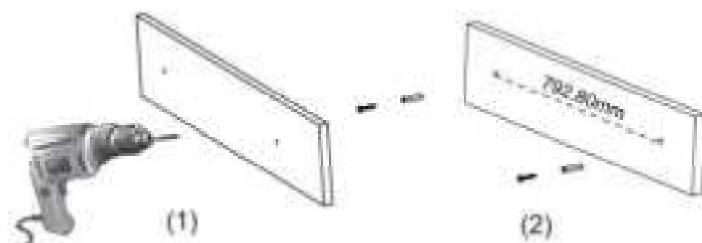
Mounting to a wall

2.1 Mounting to a wooden wall



- Mark the position of the mounting screws on the wall using a pencil.
- Drill the supplied mounting screws directly into the marks that you have made on the wall and leave approx. 0.3 inches length to hook the sound bar.
- Put the sound bar onto the mounting screws. Make sure they are firm and stable.

2.2 Mounting to a brick wall



- Mark the position of the mounting screws on the wall using a pencil.
- Drill 2 holes on wall with a powerful electric drill.
- Insert the supplied plastic inserts into the holes by hammer (not included).
- Secure the supplied mounting screws into the plastic insert and leave approx. 0.3 inch length to hook the sound bar.
- Put the sound bar onto the mounting screws. Make sure they are firm and stable.

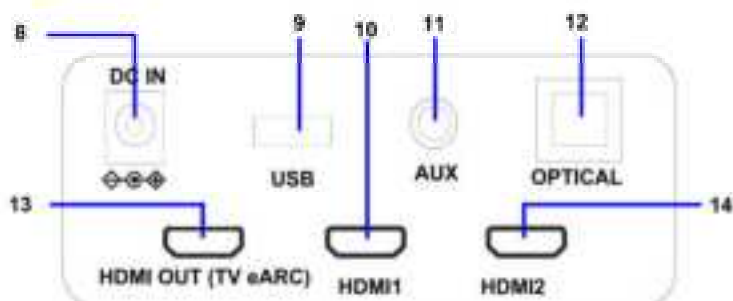
LOCATION OF CONTROLS

Front View

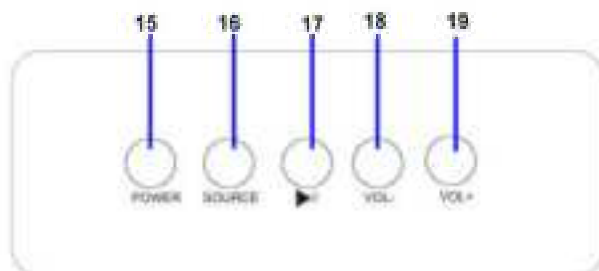


Note: When the AUX indicator and one of the upper three indicators illuminate, indicating the audio effect is Dolby Atmos.

Rear View



Side View



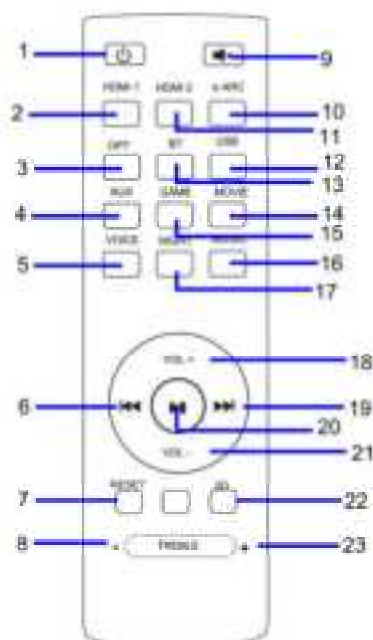
1. HDMI 1 Indicator
2. HDMI 2 Indicator
3. e ARC Indicator
4. OPTICAL Indicator
5. BT Indicator
6. USB Indicator

7. AUX Indicator
8. DC IN Jack
9. USB Jack
10. HDMI1 IN Jack
11. AUX Jack
12. OPTICAL Jack

13. HDMI OUT (TV eARC)
14. HDMI2 IN Jack
15. POWER Button
16. SOURCE Button
17. PLAY/ PAUSE Button
18. VOL-

19. VOL+

LOCATION OF CONTROLS - REMOTE CONTROL



- | | |
|------------|-------------|
| 1.Power | 13.BT |
| 2.HDMI 1 | 14.Movie |
| 3.OPT | 15.Game |
| 4.AUX | 16.Music |
| 5.VOICE | 17.Night |
| 6.Previous | 18.Volume + |
| 7.Reset | 19.Next |
| 8.Treble - | 20.Pause |
| 9.Mute | 21.Volume - |
| 10.e ARC | 22.3D |
| 11.HDMI 2 | 23.Treble + |
| 12.USB | |

BATTERY INSTALLATION - REMOTE CONTROL



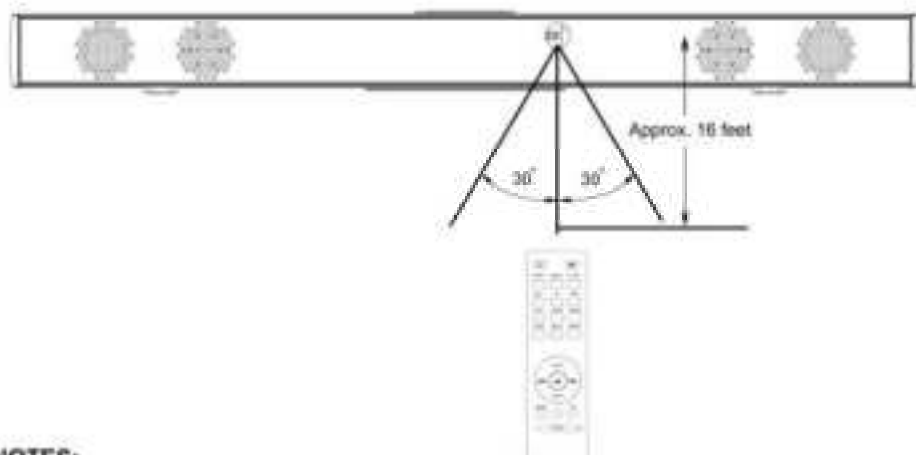
- 1.Lift off the battery compartment cover from the reverse of the radio.
- 2.Insert (AAA 1.5V*2 alkaline batteries(not included) in accordance with the diagram in the battery compartment. Take care to observe the correct polarity (+/-).
- 3.Refit the battery compartment cover.
- 4.Do not expose the batteries or the installed batteries to excessive heat(e.g fire, sunshine or position close to radiators etc.).

BATTERY PRECAUTIONS:

Follow these Battery Precaution when using batteries in this device:

1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are consumed or the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer's instructions.)
6. Do not dispose of battery in fire. Battery may explodes or leak.
7. Clean the battery contacts and also those of the device prior to battery installation.
8.  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.

EFFECTIVE DISTANCE OF REMOTE TRANSMITTER



NOTES:

- When there is an obstacle between the unit and the transmitter, the unit may not operate.
- When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the REMOTE SENSOR of the unit, the operation of the remote may be unstable.

OPERATIONS

GENERAL OPERATION:

1. Connected the unit to AC power as previously instructed.
2. Press the POWER Button on the right side of the unit or press the  button on the Remote Control to power on the unit to power on the unit.
3. Press the SOURCE Button on the unit or press the corresponding buttons on the Remote Control repeatedly to switch to desired playback mode. The indicator on the front of the unit will light up.
4. During playback:
 - A. Press the VOL + or VOL- buttons on the unit or Remote control repeatedly to adjust volume level as desired.
 - B. Press the  (Mute) Button on the Remote Control to mute the sound temporary, press again to turn it back.
5. When finished listening, press the POWER Button on the unit or press the  Button on the Remote Control to turn the unit to Standby mode.
6. Press and hold the RESET button on the remote control for 5 seconds to restore factory settings.
7. If you will not use the unit for an extended period of time, unplug the AC/DC Adapter from wall outlet.

BT MODE:

BT (Bluetooth) pairing:

First time use or re-pairing the unit to a new BT Device, pair as follows:

1. Power on the unit and enter to BT mode as previously instructed. The color of the BT indicator on the front of unit will turn to Blue and blink.
2. Power on the external BT Device and enter to BT searching mode. Start pairing with the hotspot **MX-SBDA220** following the on screen instructions from the external BT Device. After paired, the Bluetooth indicator will stop blinking.
3. If pairing is complete you may now play music with your external BT Device.
4. During playback:
 - Press the **⏸** Button on the unit or Remote Control to pause, press again to resume normal playback.
 - Press the **⏮** or **⏭** buttons on Remote Control repeatedly to skip tracks.

NOTES:

- If while pairing you are asked for a code please try "0000" .
- Press and hold the BT button on the remote control to disconnect the current Bluetooth connection.

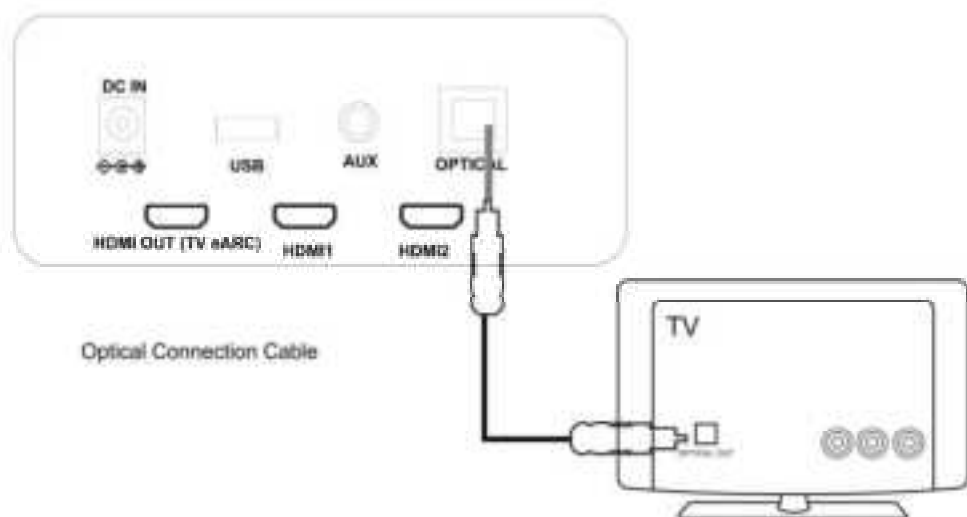
Normal operation after pairing:

1. Power on the external BT Device and enter to BT mode.
2. Power on the unit and enter to BT mode as previously instructed. The color of the BT indicator on the front of the unit will turn to Blue and blink.
3. Wait a few seconds until the unit is automatically paired to the external BT Device. The blue indicator will stop blinking.
4. After pairing is complete you may now play music with your external BT Device.

OPTICAL IN:

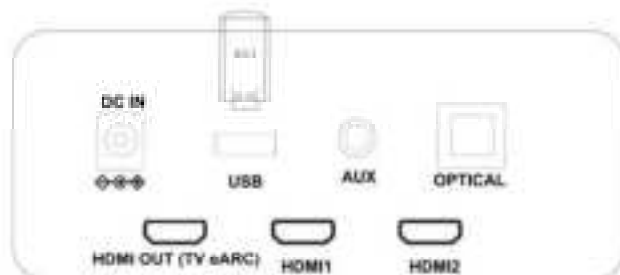
Listen to music by the Optical Out Jack from an external Video Player or Television:

1. Connect one end of the Optical Connection Cable (not included) to the Optical Out Jack on the external Video Player or Television.
2. Connect the other end of the cable to the OPTCAL IN Jack on the rear of unit as illustrated below:



3. Power on the unit and enter to Optical IN mode as previously instructed. The color of the indicator on the front of unit will turn to green.
4. Playing video on the connected Video Player or watching TV program on the connected TV.

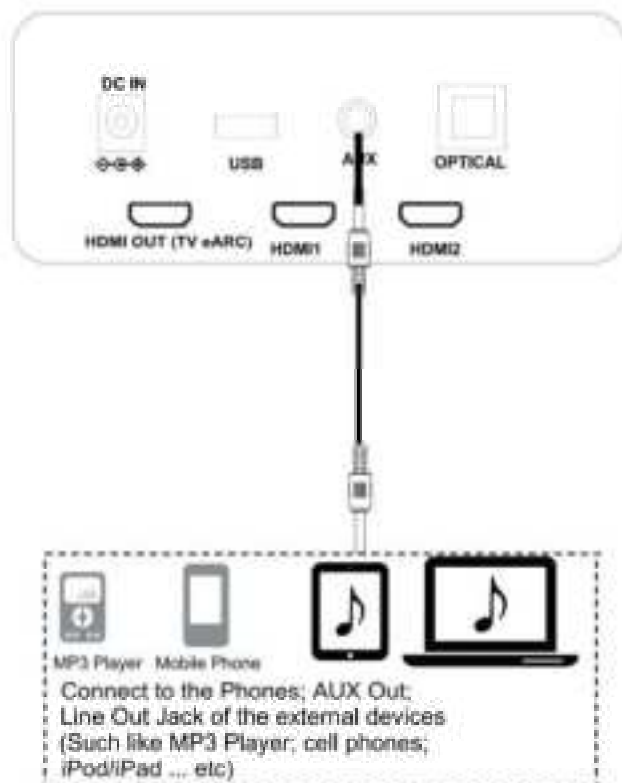
USB OPERATION



1. Connect a USB device containing MP3 files to the USB port.
2. The USB indicator will light up and the unit will play automatically.
3. Press the VOL + or - buttons on the top panel of the unit or voice+ or voice- on the Remote control repeatedly to adjust volume level as desired.

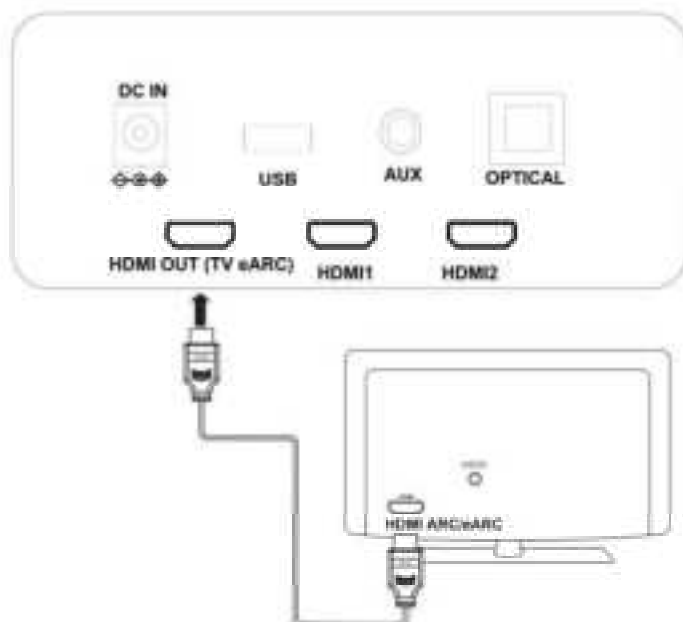
AUX IN :

1. Connect one end of the Supplied Audio Connection Cable to the Line Out/AUX Out Jack on the external Audio Player.
2. Connect the other end of the cable to the AUX IN Jack on the rear of unit as illustrated below:



3. Power on the unit and enter to AUX IN mode as previously instructed. The color of the AUX IN indicator on the front of unit will turn to green.
4. Play music on the connected Audio Player as usual. (Make sure the volume level of the connected Audio Player is turned to high level.)

HDMI OUT Operation

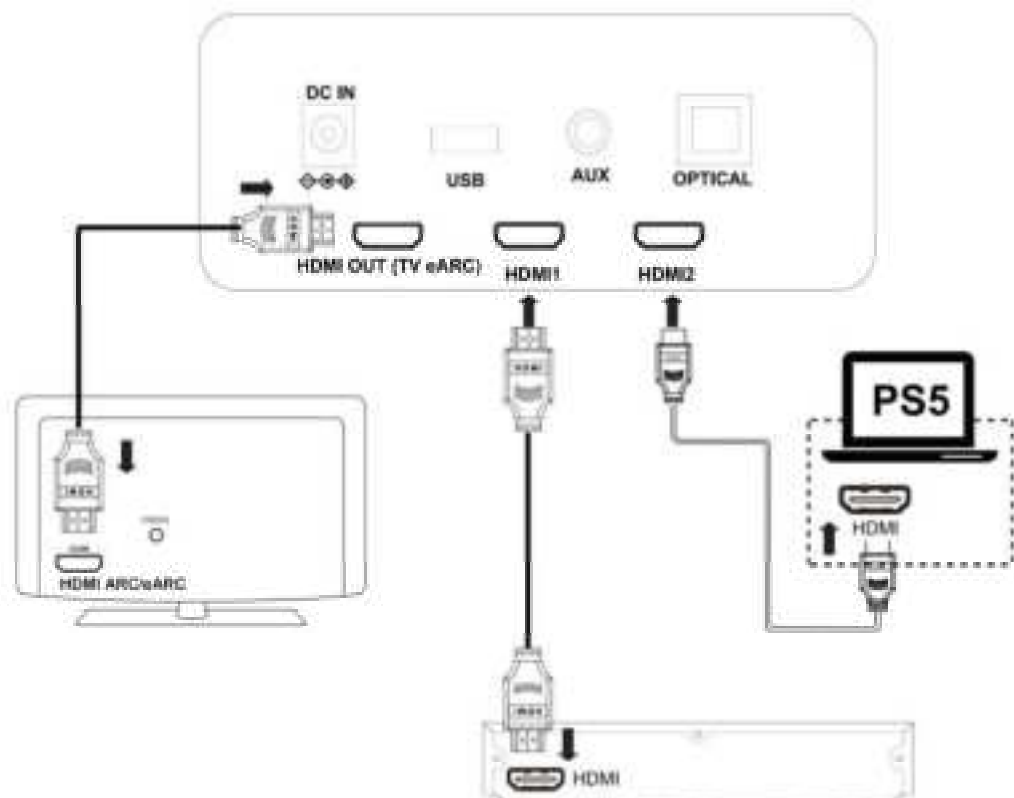


TV with HDMI IN port can be connected to this unit, and you can listen to the sound by the unit's speak.

1. Before connecting, make sure the devices are turned off.
2. Plug one end of a HDMI Cable (user supply) into the HDMI OUT ARC jack.
3. Plug the other end of the HDMI Cable into the HDMI IN ARC jack on TV.
4. Power on the unit as previously explained.
5. Press Source button on the unit repeatedly, or press e ARC button on remote control repeatedly to switch to the HDMI IN mode.
6. Power on the connected TV and start playback as usual.

Notes:

- The TV must have ARC capability and be connected to HDMI IN ARC jack on the capable TV.
- If there is no audio output (only picture) or noise when your TV is connected to the unit, please check TV audio setting, and set the Digital Audio Output to "PCM" format.



When conducting HDMI1 or HDMI2 operation:

1. Before connecting, make sure the devices are turned off.
2. Connect the HDMI1 jack and HDMI2 jack to two HDMI jacks, such as DVD and PS5, by two HDMI Cables (user supply).
4. Power on the unit as previously explained.
5. Press Source button on the unit, or press HDMI1 or HDMI2 button on remote control repeatedly to switch to the HDMI1 or HDMI2 mode.
6. Power on all the connected device and start playback as usual.

CLEANING:

1. To prevent fire or shock hazard, disconnect your unit from the AC wall outlet when cleaning.
2. The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
3. Mild soap and a damp cloth may be used.

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
No power	The adapter is not connected	Connect the adapter to the unit and wall outlet
	The unit is in standby mode	Press and hold the SOURCE Button on the unit or press the  Button on Remote Control to power on the unit from standby mode
No sound or sound weak	Volume level in minimum position	Raise the volume level by press and release the + Button on the remote control repeatedly Or press VOL+ Button on the unit
	The paired/connected device is not in playback mode	Play music/movie in the paired/connected device as usual and make sure the volume level of it is in high level
	Input source incorrect	Press the SOURCE Button on the unit or press the corresponding Buttons on the Remote Control repeatedly to switch to desired mode
Sound distortion/rattle	Volume level too high	Reduce the volume level by press and release the - Button on the remote control repeatedly Or press VOL- Button on the unit Reduce the volume level of the paired/connected device
Remote Control not functioning	Out of control range	Point the remote control to the Remote Sensor on the unit within 16 feet, +/- 30 degree
	The batteries in the Remote Control are drained	Replace it by a new button cell
Bluetooth reception failure	The external BT device is too far from the unit	Put the external BT device close to the unit
	BT have not paired	Pair the unit with the BT device as page 10

GENERAL SPECIFICATION

Power Source.....	DC 20V  3A, 
Audio Power.....	20W*2+30W*2 (Total 100W, RMS)
BT Version.....	5.3
Bluetooth effective working range in open area.....	up to 32 feet
Remote effective working range.....	up to 16 feet

ACCESSORIES

- 1 x AC/DC Adapter (Input: AC 100-240V~, 50/60Hz, 1.5A Max)
(Output: DC 20V  3A, )
- 1 x Remote Control
- 1 x Owner's Manual
- 1 x Main unit

	The symbol indicates AC voltage
	The symbol indicates DC voltage
	For indoor use only
	The symbol indicates energy efficiency marking
 	CAUTION The battery used, please refer for further information to the user manual
	The symbol indicates polarity of d.c. power connector



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