7.2 CH HOME THEATER SYSTEM
DECODER



7.2-Channel Home Theater Decoder

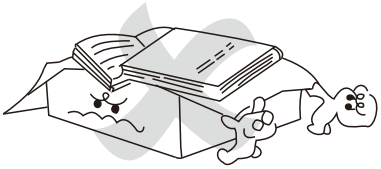
Important Safety Precautions

Read all safety and operating instructions before use. Follow all warnings and instructions on the unit and in this manual. Keep these instructions for future reference.

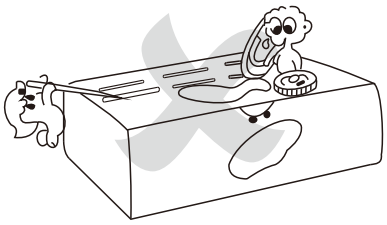
1. Power cord: Do not step on or pinch the cord, especially at the plug and where it exits the unit. Do not overload outlets or extension leads; this may cause fire or electric shock. Do not pull or drag the cord.



2. Ventilation: The cabinet vents prevent overheating and ensure reliable operation. Keep them clear. Place the unit in a well-ventilated location. Do not place objects on it or cover it with fabric. Leave at least 10 cm between the unit and a wall.

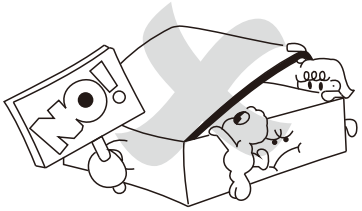


3. Electric shock: Keep objects and liquids out of the openings. Even a small metal object, such as a hairpin or needle, may touch live parts and cause electric shock. Do not let children insert anything into the unit, especially metal objects.

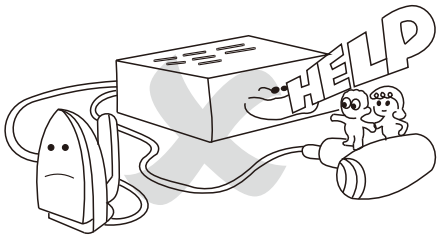


4. Servicing: Perform only the maintenance described in this manual. Refer all other servicing to qualified personnel. After any repair, ask the technician to check safety and confirm normal operation.

5. Cabinet: Do not open the cabinet. Contact with internal parts may cause severe electric shock.



6. AC outlet: Do not connect equipment that exceeds the rear AC outlet rating. Never connect household appliances such as irons or toasters. This may cause fire or electric shock.



7. Unusual odor: If you notice an unusual odor or smoke, switch off and unplug the unit immediately. Contact your dealer or the nearest service center.

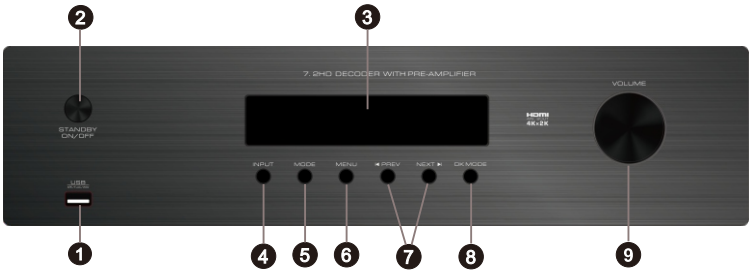


8. Service required: Refer the unit to qualified service personnel if:

A. The power cord or plug is damaged.
B. Objects or liquid enter the unit.
C. The unit is exposed to rain.
D. The unit does not operate normally when used as instructed. A qualified technician must inspect it thoroughly to restore normal operation.
E. The unit is dropped or the cabinet is damaged.
F. Performance changes noticeably.

Front and Rear Panel Functions

Front Panel Functions



1. USB
Play MP3 or lossless audio files directly from a USB drive.

2. STANDBY
Press to switch between standby and normal operation.

3. VFD DISPLAY
Shows status and settings; receives remote signals.

4. INPUT
Select an audio input source.

5. MODE
Select an audio decoding mode.

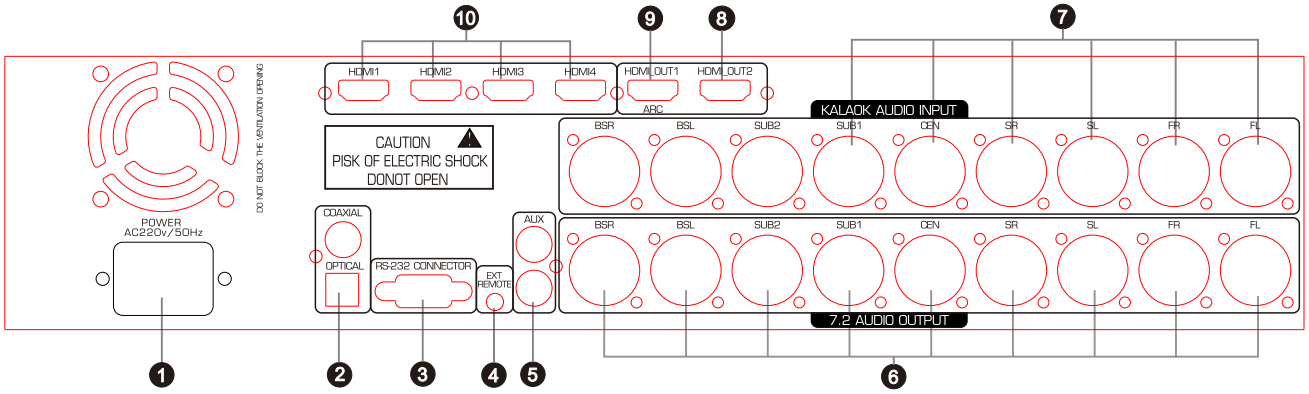
6. MENU
Select channel trim or delay settings. Then turn the volume knob to adjust the selected parameter.

7. PREV / NEXT
Select the previous/next MP3 or Bluetooth track.

8. OK MODE
Select the karaoke input mode. "KALAOK IN" selects the external microphone input.

9. MUSIC VOLUME
Adjust music volume. In menus, turn the knob to adjust the selected parameter.

Rear Panel Functions



1. AC power inlet

2. Optical and coaxial digital audio inputs

3. RS-232 control interface

4. External IR receiver input

5. AUX analog audio input

6. Decoder balanced audio outputs:
FL: Front left; FR: Front right;
SL: Surround left; SR: Surround right;
CEN: Center; SUB1/2: Subwoofers;
BSL: Surround back left; BSR: Surround back right.

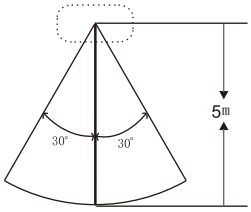
7. Karaoke processor balanced audio inputs:
FL: Front left; FR: Front right;
SL: Surround left; SR: Surround right;
CEN: Center; SUB1/2: Subwoofers;
BSL: Surround back left; BSR: Surround back right.

8. HDMI video output

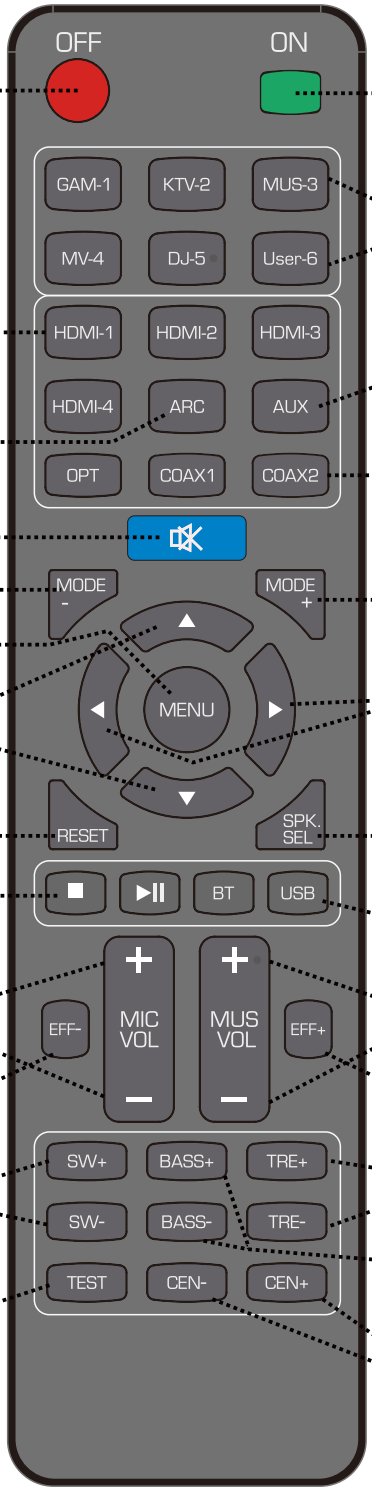
9. HDMI video output with ARC

10. HDMI video inputs 1-4

Remote Control



Note: Keep the path between the remote and receiver clear.



OFF: Standby

ON: Power on

1. GAM-1, KTV-2, MUS-3, MV-4, DJ-5, USER-6: Recall presets.
2. Hold 3 s. The panel displays "save*" and saves the current settings to that preset.

HDMI-1, HDMI-2, HDMI-3, HDMI-4: Select HDMI input

AUX: Select analog audio input

ARC: Select ARC input

OPT, COAX1, COAX2: Select optical/coaxial input

Mute

MODE-: Select decoding mode

MODE+: Select microphone input

MENU: Open menu

◀ ▶ Previous/next menu item

▲ ▼ Adjust menu values Increase / decrease

Select tracks during Bluetooth/USB playback.

RESET: Hold 3 s to reset

SPK. SEL: Hold 3 s to select large/small speaker mode

■ ▶II Stop or play/pause Bluetooth/USB playback

BT, USB: Select Bluetooth or USB audio input

MICVOL +/-: No function

MUSVOL +/-: Adjust master music volume

EFF-: No function

EFF+: No function

SW+, SW-: Adjust subwoofer volume

TRE+, TRE-: Adjust L/R channel treble trim

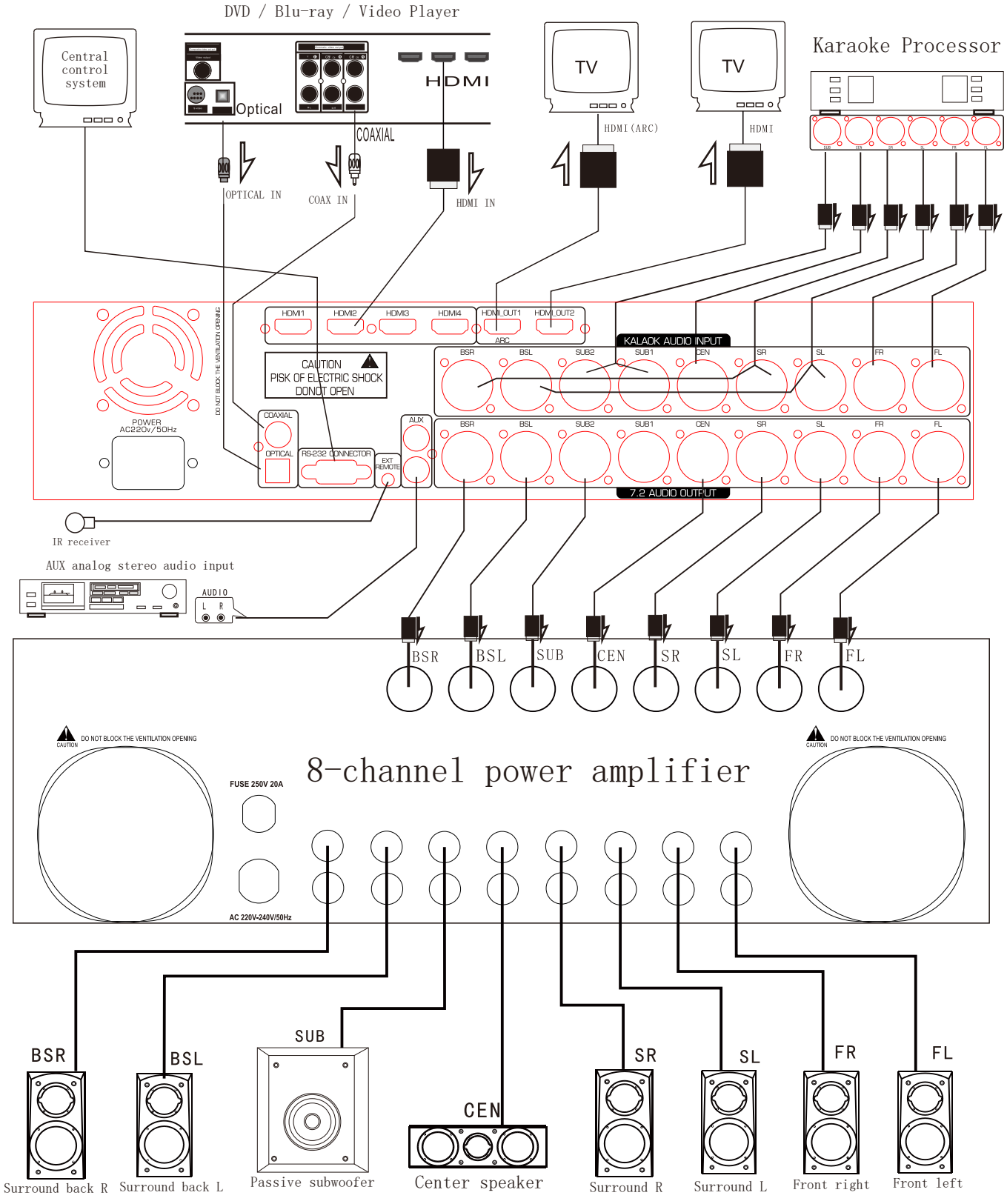
BASS+, BASS-: Adjust L/R channel bass trim

TEST: Channel identification noise

CEN+, CEN-: Adjust front center channel volume

Note: This universal remote may include functions unavailable on some models.

System Connections



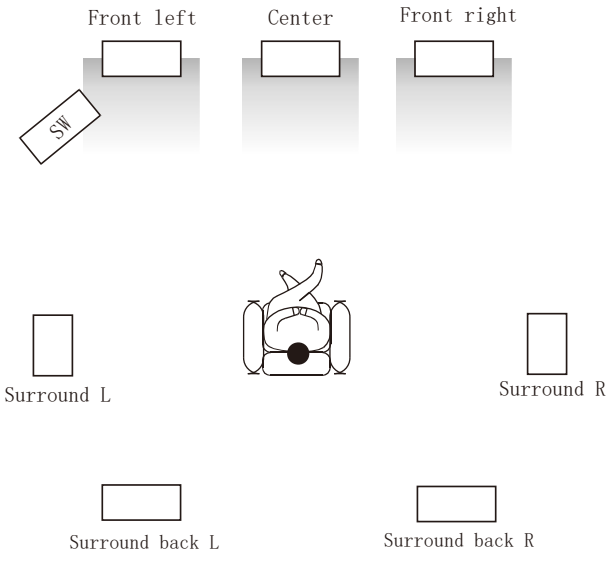
Speaker Connections

Speaker Setup

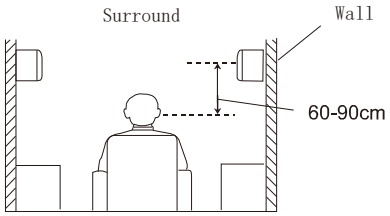
Read the speaker manuals before connecting the speakers. Position them correctly. Speaker placement is essential for surround playback.

- Front left/right speakers
  Create the main sound field.
- Center speaker
  Creates a rich sound field and enhances sound movement.
- Surround left/right speakers
  Add three-dimensional sound movement and ambience. Required for Dolby Digital and DTS playback. They enhance home theater sound, audio quality and realism.
- Subwoofer
  Produces deep, powerful bass for greater impact.

Speaker Layout



Surround Speaker Installation

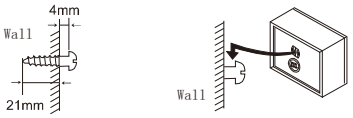


Mount surround speakers on walls or shelves, at ear level or 60-90 cm above it.

These surround speakers can be hung on a wall.

1. Secure the screw to the wall.
Ensure the screw and wall support 20 kg.
Leave 4 mm between the screw head and wall.

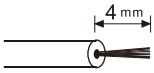
2. Hang the speaker by its rear slot on the screw.



Wiring Precautions

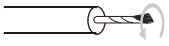
Use speaker cables of the correct specification.

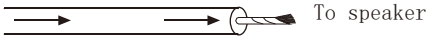
Strip about 4 mm of insulation.



Twist the bare strands tightly.

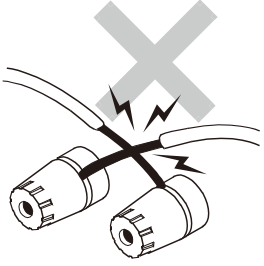
Check signal-flow direction.





Prevent circuit damage. Do not short the positive (+) and negative (-) speaker leads.

Do not cross!



Troubleshooting

Symptom	Solution
Power indicator does not light	1. Switch off immediately and unplug the unit. 2. Check that the AC outlet is live and its switch is on. 3. Check whether the unit fuse is blown.
Power indicator flashes	1. Switch off immediately. 2. Check that the power plug is fully inserted and secure. 3. Check the speaker output cables for short circuits.
Remote responds poorly	1. Remove obstructions from the front-panel remote receiver. 2. Check the remote batteries for low voltage.
Display works normally, but no speaker sound	1. Switch off immediately. 2. Check that speaker cables are correctly connected, secure and free of short circuits. 3. Check the speakers and power amplifier.
Cannot decode Dolby or DTS audio	1. Use an HDMI, optical or coaxial audio input. 2. Set the playback device audio output to bitstream. 3. Select a Dolby or DTS audio track on the source.
No sound after changing the input source	1. Check that the selected input matches the source connection. 2. Enable audio output on the playback device. 3. Check that the selected source player operates normally. 4. Restart the unit or playback device.
A. PC control software malfunctions or cannot connect to the unit. B. Central control malfunctions.	1. Confirm that the PC control software is installed correctly. 2. Check the PC USB driver installation in Device Manager. 3. Check the connection cable. Try a replacement. 4. Use software that matches this model. A mismatch may cause incorrect functions, crashes or test/save errors. 5. Check the central controller baud rate. 6. Check the entered central control protocol.

Compatibility

HDMI	HDMI 2.0 reception and transmission; 3D; ARC. Supports 3840 x 2160p at 60 Hz; backward compatible.
USB playback	1. Lossless playback: APE/FLAC/WAV. Also supports MP3/WMA. 2. Supports USB drives up to 32 GB.
DTS decoding	DTS HD MASTER DTS 5.1/2.0, DTS-Express, DTS 96 kHz/24 Bit, DTS Neo:X
Dolby decoding	Dolby TrueHD / Dolby Digital Plus / Dolby ATMOS Dolby Digital, Dolby Digital EX, Dolby Pro Logic II, Dolby Pro Logic IIx, Dolby Pro Logic IIz

Specifications

Music	
Input level	500 mV rms
Channel separation	>50 dB
Frequency response	20 Hz-20 kHz
Total harmonic distortion (THD)	<0.01
Signal-to-noise ratio (SNR)	>100 dB
Microphone bypass input	
Input level	0 dB
Frequency response	20 Hz-20 kHz
Total harmonic distortion (THD)	<0.01

Supply voltage ---------- 190-240 V AC / 50-60 Hz

Power consumption ---------- 60 W

Dimensions (L x D x H) ---------- 435 x 270 x 105 mm

Weight ---------- 6.0 kg

Product Warranty

This is your warranty, service and conformity certificate. Present it for free repair of covered faults within one year of purchase, subject to the warranty terms.

Customer Details

Name	
Address	
Telephone	
Email	

Product Details

Product	
Model	
Serial No.	
Purchase date	

Dealer Details

Dealer name		Dealer stamp
Address		
Telephone		
Email		

- For safe use at altitudes up to 2000 m only.
- For safe use in non-tropical climates only.
- Specifications may change without notice.
- Weight and dimensions are approximate.

Certificate of Conformity

Product name	
Model	
Manufactured	
Inspected	

Inspector: