Inwa MZ633

Inwa MZ633 Bluetooth Audio Stereo Amplifier User Manual

Model: MZ633

1. INTRODUCTION

The Inwa MZ633 is a compact yet powerful 2.0 channel Hi-Fi stereo amplifier designed to enhance your home audio experience. It features multiple input options including HDMI (ARC), Optical, Coaxial, USB, RCA, and Bluetooth 5.3, allowing connection to various audio sources. With 100W RMS per channel at 4 ohms, it delivers clear and high-quality sound to passive speakers. The amplifier also includes bass and treble controls, a digital LED display, and a remote control for convenient operation.

2. PACKAGE CONTENTS

- Inwa MZ633 Stereo Amplifier Unit
- Remote Controller
- Power Adapter
- Bluetooth Antenna
- User Manual

3. PRODUCT OVERVIEW

3.1 Front Panel

The front panel features the digital display, bass and treble control knobs, and a multi-function volume/mode/on-off knob.

Image: Front and Rear Panel Overview. This image displays the front panel with its digital display, bass, treble, and volume/mode/on-off controls, and the rear panel with all input and output ports.
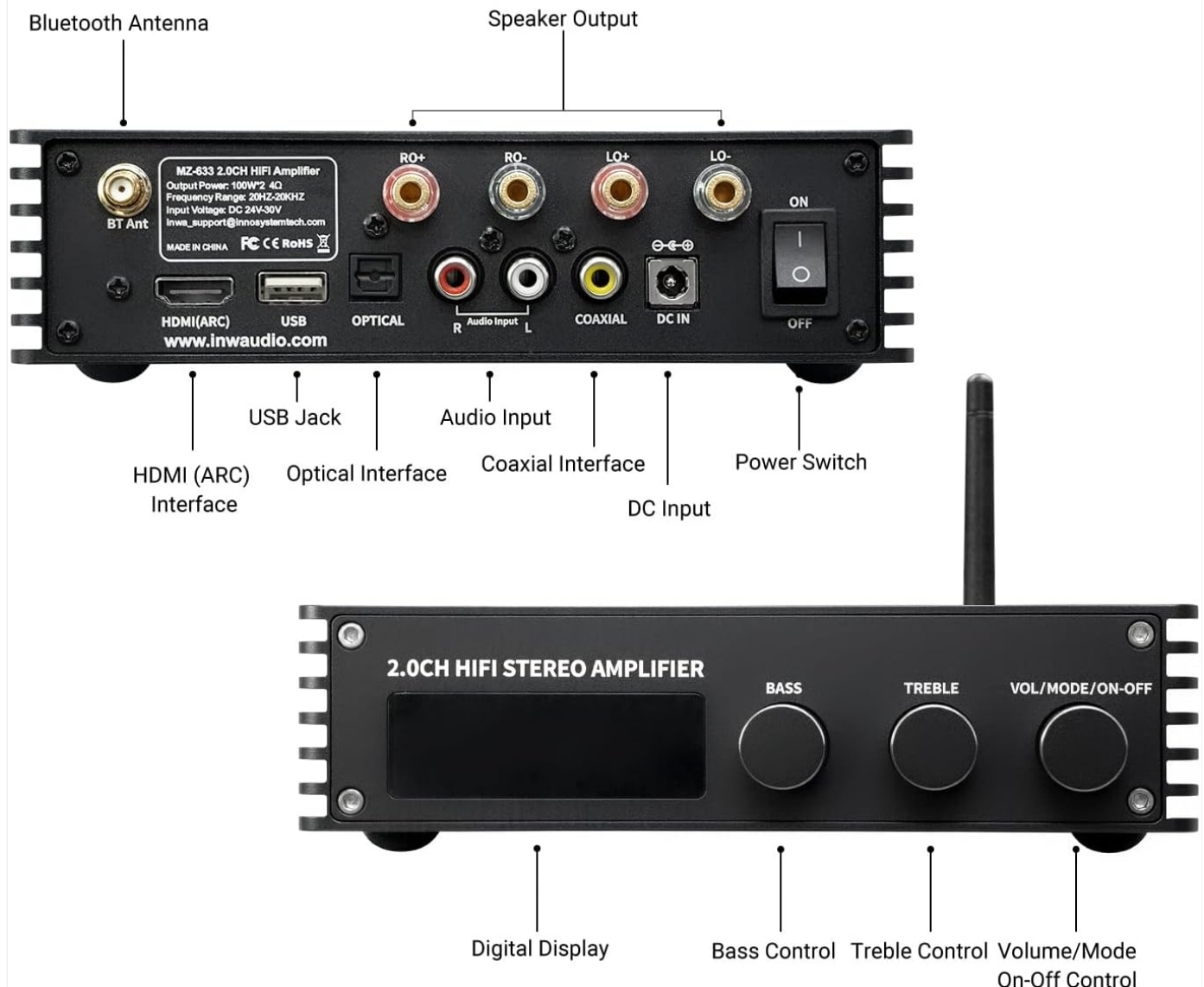
- **Digital Display:** Shows current input mode and volume level.
- **Bass Control Knob:** Adjusts low-frequency audio output.
- **Treble Control Knob:** Adjusts high-frequency audio output.
- **Volume/Mode/On-Off Knob:** Rotates to adjust volume. Short press to cycle through input modes. Long press to power on/off.

3.2 Rear Panel

The rear panel provides all connection ports for audio input, speaker output, and power.

Front and Rear Panel Overview
Versatile Inputs and Outputs with Easy Controls

Image: Detailed view of the amplifier's rear panel, highlighting the Bluetooth antenna port, HDMI (ARC), USB, Optical, Coaxial, RCA (Audio Input), DC IN, Speaker Output terminals, and Power Switch.

- **BT Antenna:** Connect the included Bluetooth antenna for optimal wireless reception.
- **HDMI (ARC) Input:** Connect to a TV's HDMI ARC port for audio return channel functionality.
- **USB Input:** Connect a USB drive for audio playback.
- **Optical Input:** Connect to devices with optical digital audio output.
- **Coaxial Input:** Connect to devices with coaxial digital audio output.
- **RCA (Audio Input):** Connect to analog audio sources using RCA cables.
- **DC IN:** Connect the power adapter.
- **Speaker Output (L+/L-, R+/R-):** Connect passive speakers using speaker wire.
- **Power Switch:** Main power toggle for the amplifier.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Inwa MZ633 amplifier:

1. **Connect Speakers:** Connect your passive speakers to the Speaker Output terminals on the rear panel. Ensure correct polarity (positive to positive, negative to negative).
2. **Connect Bluetooth Antenna:** Screw the Bluetooth antenna into the "BT Ant" port on the rear panel.
3. **Connect Audio Source:** Choose your desired audio input method (HDMI ARC, USB, Optical, Coaxial, or RCA) and connect the corresponding cable from your audio source device to the amplifier's rear panel.

Image: Connection diagram illustrating how to connect various audio sources (TV, phone, tablet, PC, laptop, projector) via Bluetooth, HDMI (ARC), Optical, Coaxial, AUX (RCA), and USB to the amplifier, and then to dual-channel speakers.

4. **Connect Power:** Connect the power adapter to the "DC IN" port on the rear panel, then plug the adapter into a power outlet.
5. **Power On:** Flip the main Power Switch on the rear panel to the "ON" position. The amplifier will enter standby mode.

For a visual guide on connecting inputs and operating the amplifier, please refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates the physical connection of various audio inputs (HDMI ARC, USB, Optical, RCA) and speaker outputs to the Inwa MZ633 amplifier. It also shows how to power on the device, switch between different input modes (Bluetooth, USB, AUX, Optical, Coaxial, ARC) using the remote or front knob, and adjust volume. The video concludes by demonstrating how to enter standby mode and power off the amplifier.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Standby

- To power on the amplifier from standby, short press the Power button on the remote control or the Volume/Mode/On-Off knob on the front panel.
- To enter standby mode, short press the Power button on the remote control or the Volume/Mode/On-Off knob on the front panel while the unit is active.
- To completely power off the amplifier, flip the main Power Switch on the rear panel to the "OFF" position.

5.2 Input Mode Selection

You can switch between input modes using the remote control or the front panel knob.

- **Using Remote Control:** Press the "Mode" button on the remote to cycle through available inputs (Bluetooth, USB, Optical, Coaxial, HDMI ARC, RCA).
- **Using Front Panel Knob:** Short press the Volume/Mode/On-Off knob to cycle through input modes.

5.3 Volume Control

- **Using Remote Control:** Use the Volume Up (+) and Volume Down (-) buttons.
- **Using Front Panel Knob:** Rotate the Volume/Mode/On-Off knob clockwise to increase volume, counter-clockwise to decrease volume.

5.4 Bass and Treble Adjustment

Adjust the bass and treble levels to customize your audio output.

Image: A hand holding the remote control, pointing towards the amplifier. The image highlights the bass and treble control knobs on the amplifier's front panel, indicating fine-tuning capabilities.

- **Bass Control Knob:** Rotate to increase or decrease bass frequencies.
- **Treble Control Knob:** Rotate to increase or decrease treble frequencies.

5.5 Sound Mode Selection

The amplifier offers three distinct sound modes to optimize your listening experience:

Image: Visual representation of the three sound modes: News, Music, and Movie. Each mode has an icon and a brief description of its audio characteristics, such as enhancing vocals for News, providing high-quality sound for Music, and offering 3D surround for Movie mode.

- **News Mode:** Enhances vocal clarity for spoken content.
- **Music Mode:** Provides a balanced, high-quality sound for general music listening.
- **Movie Mode:** Offers a 3D surround effect for an immersive cinematic experience.
- Use the dedicated buttons on the remote control to switch between these modes.

6. BLUETOOTH PAIRING

To connect your Bluetooth device to the Inwa MZ633 amplifier:

1. Ensure the Bluetooth antenna is securely connected to the amplifier.
2. Switch the amplifier to Bluetooth input mode (BT) using the remote or front knob. The digital display will show "BT".
3. On your mobile device (phone, tablet, etc.), enable Bluetooth and search for available devices.
4. Select "Inwa MZ633" from the list of devices.

5. Once paired, the amplifier will indicate a successful connection, and you can begin streaming audio.

6. The Bluetooth 5.3 technology ensures stable connectivity up to 50ft/15m.

7. SPECIFICATIONS

Feature	Detail
Output Power	100W RMS x 2 (at 4 ohms)
Channels	2.0 Channel
Bluetooth Version	5.3
Bluetooth Range	Up to 50ft / 15m
Inputs	HDMI (ARC), USB, Optical, Coaxial, RCA, Bluetooth
Audio Control	Bass, Treble, Volume, 3 Sound Modes (News, Music, Movie)
Display	Digital LED Display
Dimensions	4.8 x 7.08 x 1.85 inches
Item Weight	2.2 pounds
Model Number	MZ633
Manufacturer	Inwa

8. TROUBLESHOOTING

If you encounter issues with your Inwa MZ633 amplifier, please refer to the following common solutions:

No Power:

- Ensure the power adapter is securely connected to both the amplifier and a working power outlet.
- Check that the main Power Switch on the rear panel is in the "ON" position.
- Verify the power outlet is functional by plugging in another device.

No Sound:

- Confirm that the speakers are correctly connected to the amplifier's output terminals with proper polarity.
- Check that the correct input mode is selected on the amplifier (e.g., "BT" for Bluetooth, "ARC" for HDMI ARC).
- Increase the volume on both the amplifier and your audio source device.
- Ensure audio cables (HDMI, Optical, Coaxial, RCA) are securely connected and not damaged.
- If using HDMI ARC, ensure your TV's ARC function is enabled and the amplifier is selected as the audio output device in your TV settings.
- If using Bluetooth, ensure the device is successfully paired and not connected to another amplifier.

Distorted Sound:

- Reduce the volume on both the amplifier and the audio source to prevent clipping.
- Check speaker connections for loose wires or incorrect polarity.
- Ensure the audio source is providing a clean signal.
- Adjust bass and treble controls to a neutral position or to your preference.

Bluetooth Connection Issues:

- Ensure the amplifier is in Bluetooth mode.
- Move your Bluetooth device closer to the amplifier to improve signal strength.
- Disconnect and re-pair the device.
- Ensure no other devices are actively connected to the amplifier via Bluetooth.
- Try restarting both the amplifier and your Bluetooth device.

9. MAINTENANCE

To ensure the longevity and optimal performance of your Inwa MZ633 amplifier, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid using liquid cleaners, aerosols, or abrasive materials, as they may damage the finish or internal components.
- **Ventilation:** Ensure the amplifier is placed in a well-ventilated area. Do not block the ventilation openings, as this can lead to overheating.
- **Placement:** Place the amplifier on a stable, flat surface away from direct sunlight, heat sources, and moisture.
- **Power Off When Not in Use:** If the amplifier will not be used for an extended period, power it off using the rear switch and unplug it from the power outlet.
- **Cable Management:** Keep all cables neatly organized and free from kinks or excessive tension to prevent damage.

10. WARRANTY AND SUPPORT

Inwa products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Inwa website. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Inwa