Romicta BT-398A

Romicta Stereo Audio Amplifier BT-398A User Manual

Model: BT-398A

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Romicta Stereo Audio Amplifier BT-398A. This 2-channel amplifier delivers 450W+450W peak power (60W+60W rated power) and features Bluetooth 5.0 connectivity, FM radio, USB, SD, Optical, and Coaxial inputs. It is designed for use with passive speakers and active subwoofers, offering wide compatibility for various home audio setups.



Figure 1: Romicta Stereo Audio Amplifier BT-398A with included remote control.

Package Contents

- BT-398A Stereo Audio Amplifier
- Remote Controller
- Power Adapter
- Quick Start Guide
- FM Antenna



Figure 2: All items included in the product package.

Product Overview

Front Panel

The front panel provides access to essential controls and input ports for convenient operation.

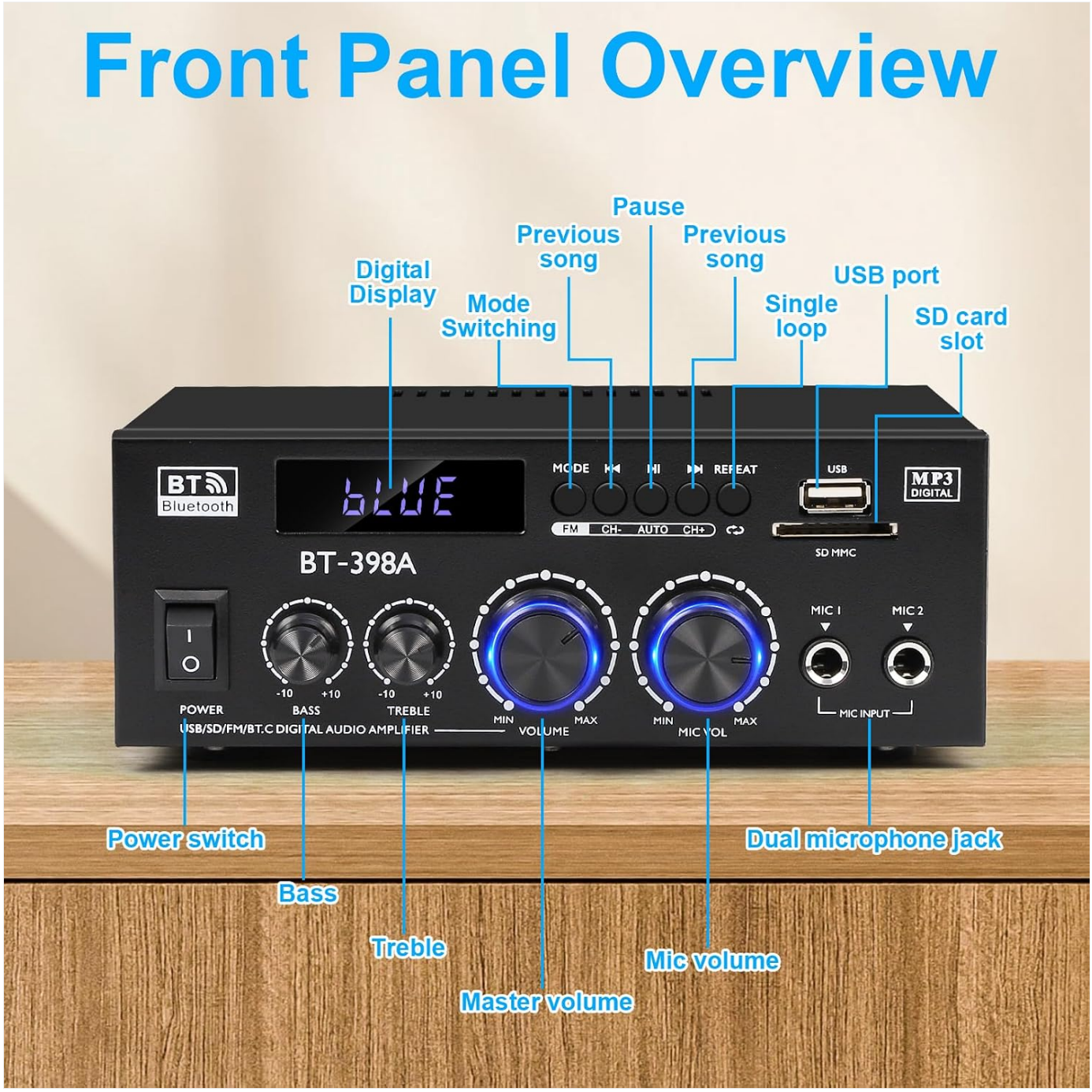


Figure 3: Detailed view of the amplifier's front panel controls and ports.

- **Power Switch:** Turns the amplifier on or off.
- **Bass/Treble Controls:** Adjust low and high frequency audio output.
- **Master Volume:** Controls the overall audio output level.
- **Mic Volume:** Adjusts the volume of connected microphones.
- **Microphone Inputs (MIC 1, MIC 2):** 1/4-inch jacks for connecting microphones.
- **Digital Display:** Shows current mode, FM frequency, or volume level.
- **Mode Button:** Cycles through input sources (Bluetooth, Optical, Coaxial, AUX, FM, USB, SD).
- **Media Control Buttons:** Play/Pause, Previous/Next Track, Repeat.
- **USB Port:** For playing audio files from USB drives.
- **SD Card Slot:** For playing audio files from SD/MMC cards.

Rear Panel

The rear panel houses all the necessary connections for speakers, power, and various audio sources.

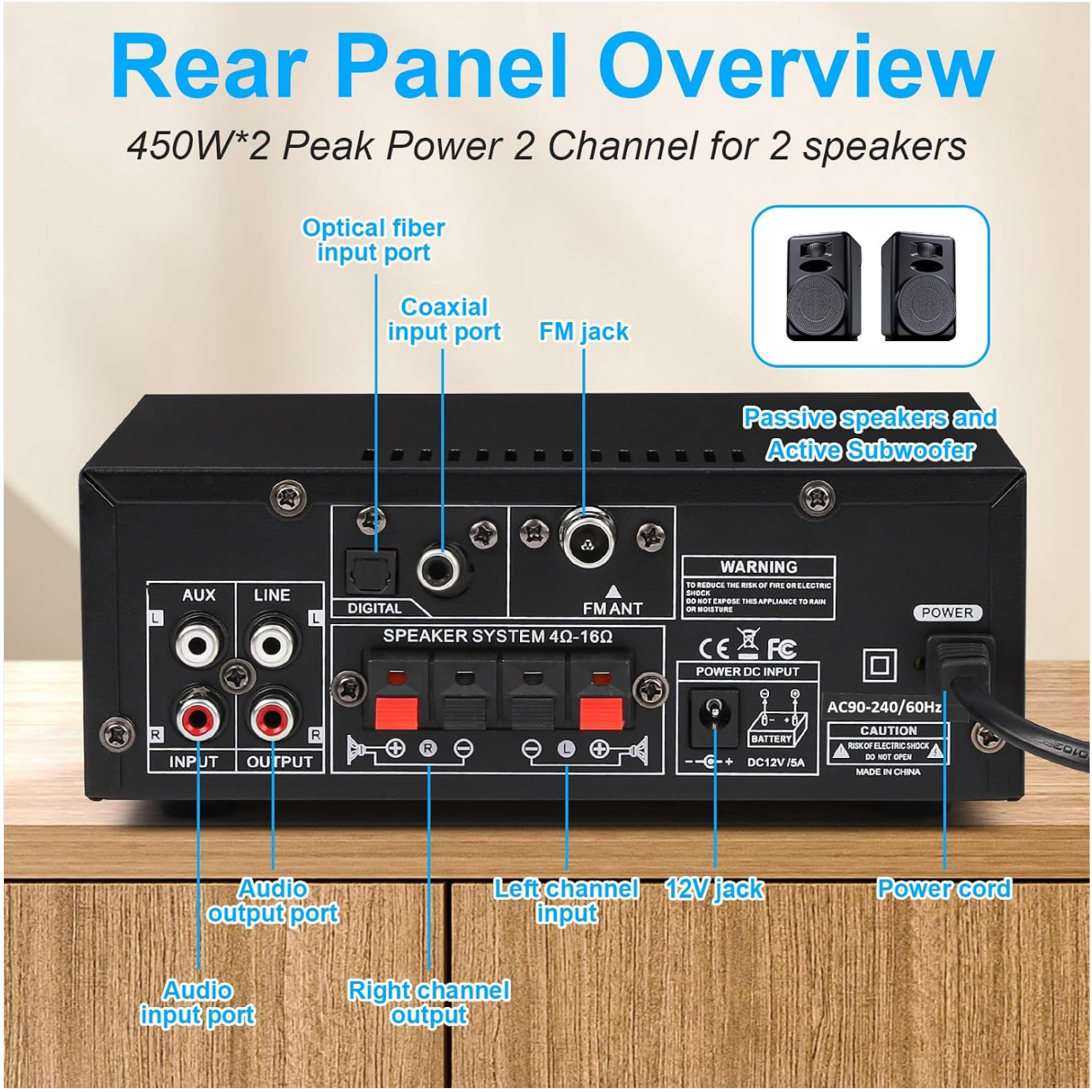


Figure 4: Detailed view of the amplifier's rear panel connections.

- **Speaker Terminals (L/R):** Connect passive speakers (4-16 Ohm impedance).
- **Optical Fiber Input:** For digital audio connection from compatible devices.
- **Coaxial Input:** For digital audio connection from compatible devices.
- **FM ANT:** Connection for the included FM antenna.
- **AUX Input (RCA L/R):** For analog audio input from devices like CD/DVD players.
- **Line Output (RCA L/R):** For connecting to an active subwoofer or another amplifier.
- **Power DC Input (12V/5A):** For external DC power source (e.g., car audio systems).
- **Power Input (AC 110V/60Hz):** Connects to standard wall outlet via the power cord.

Setup

1. Connecting Speakers

1. Ensure the amplifier is powered off.

2. Connect your passive speakers to the "SPEAKER SYSTEM 4Ω-16Ω" terminals on the rear panel. Match the positive (+) and negative (-) terminals for each speaker (Left and Right channels).
3. If using an active subwoofer, connect its input to the "OUTPUT" RCA jacks on the rear panel.

2. Connecting Audio Sources

Choose your desired input method:

- **Bluetooth:** No physical connection needed. Select Bluetooth mode on the amplifier.
- **Optical/Coaxial:** Connect a digital audio cable from your TV, game console, or other compatible device to the "DIGITAL" Optical or Coaxial input on the rear panel.
- **AUX (RCA):** Connect an RCA audio cable from your device (e.g., CD player, DVD player) to the "INPUT" RCA jacks on the rear panel.
- **USB/SD:** Insert a USB drive or SD/MMC card into the respective slot on the front panel.
- **Microphones:** Insert 1/4-inch microphone cables into the "MIC 1" or "MIC 2" jacks on the front panel.



Figure 5: Connectivity options for the amplifier.

3. Connecting Power

1. Connect the power cord to the "POWER" input on the rear panel.
2. Plug the other end of the power cord into a standard AC 110V/60Hz wall outlet.
3. Alternatively, for portable use, connect a 12V/5A DC power source to the "POWER DC INPUT" jack.

Operating Instructions

1. Power On/Off

Flip the "POWER" switch on the front panel to the "ON" position to turn on the amplifier. The digital display will illuminate. Flip to "OFF" to power down.

2. Mode Selection

Press the "MODE" button on the front panel or the remote control to cycle through available input sources: Bluetooth, Optical, Coaxial, AUX, FM Radio, USB, and SD.

3. Bluetooth Connection

1. Select "BLUE" mode using the "MODE" button. The display will show "BLUE" and flash, indicating it's ready for pairing.
2. On your device (smartphone, tablet, laptop), enable Bluetooth and search for "BT-398A".
3. Select "BT-398A" to pair. Once connected, the display will stop flashing.
4. Note: Maintain a distance within 30ft/10m between the device and amplifier without walls blocking. For TV or PC connections, maintain a distance of 15ft/5m.

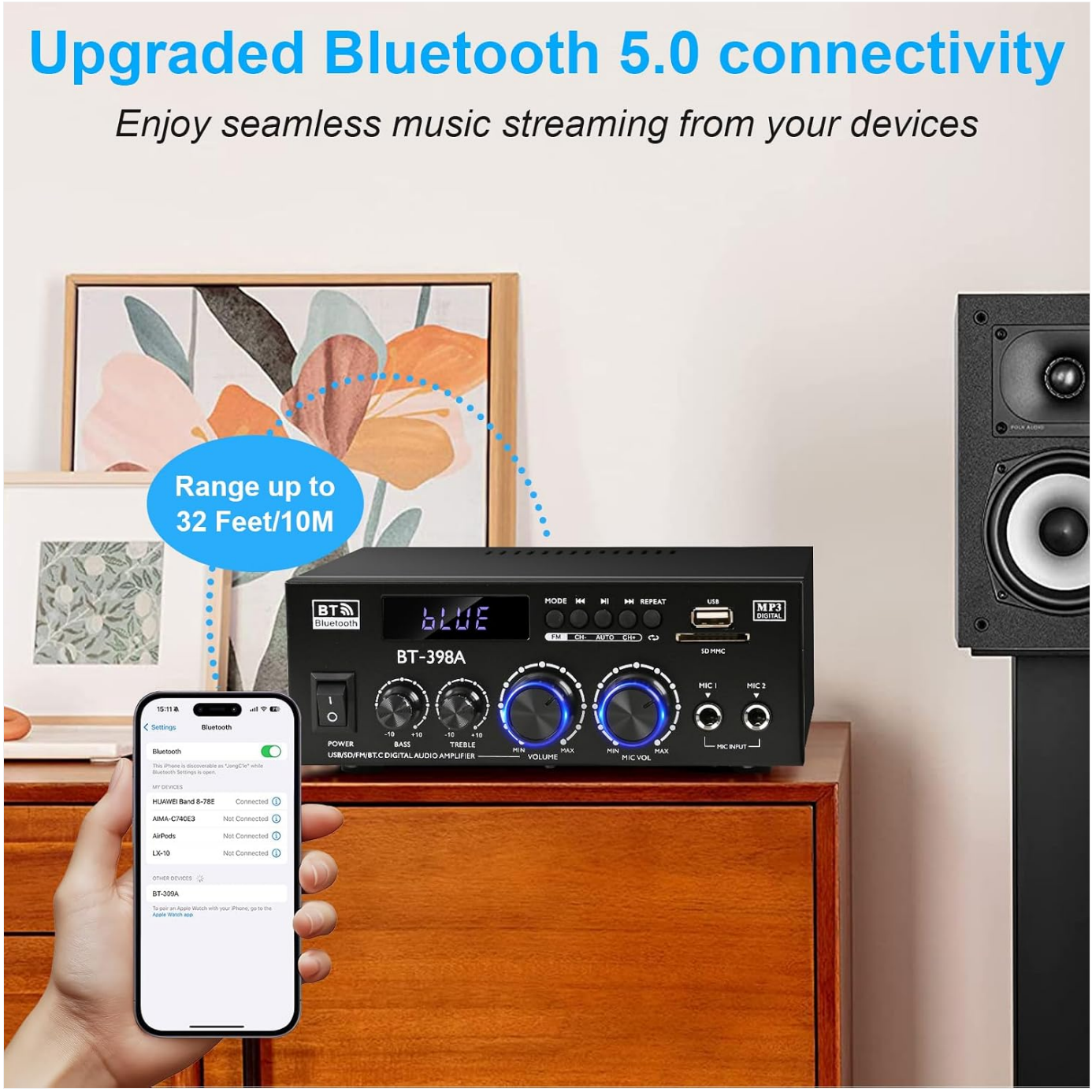


Figure 6: Establishing a Bluetooth connection with the amplifier.

4. FM Radio Operation

1. Connect the FM antenna to the "FM ANT" jack on the rear panel.
2. Select "FM" mode using the "MODE" button.
3. Press the "AUTO" button to automatically scan and save available radio stations.
4. Use the "CH-" and "CH+" buttons to navigate through saved stations.

5. USB/SD Playback

Insert a USB drive or SD/MMC card with MP3 audio files. The amplifier will automatically switch to USB/SD mode and begin playback. Use the media control buttons (Play/Pause, Previous/Next, Repeat) to manage playback.

6. Microphone and Karaoke Function

Connect up to two microphones to the "MIC 1" and "MIC 2" inputs. Adjust microphone volume using the "MIC VOL" knob. The amplifier supports karaoke functionality, allowing you to sing along with music from any input source.



Figure 7: Amplifier with dual microphone inputs for karaoke.

7. Volume and Tone Controls

Use the "VOLUME" knob to adjust the overall sound level. The "BASS" and "TREBLE" knobs allow for fine-tuning of the low and high frequencies to match your audio preferences.



Figure 8: Remote control for convenient adjustments.

Maintenance

- Keep the amplifier in a dry, well-ventilated area away from direct sunlight, heat sources, and moisture.
- Clean the unit with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation by not blocking the vents on the unit.
- Disconnect power before cleaning or if the unit will be unused for an extended period.

Troubleshooting

Problem	Possible Cause	Solution
No power	Power cord not connected; Power switch off	Check power connections; Turn on power switch

Problem	Possible Cause	Solution
No sound output	Incorrect input mode; Volume too low; Speaker connections loose	Select correct mode; Increase volume; Check speaker wiring
Bluetooth not connecting	Not in Bluetooth mode; Device too far; Device already paired to another unit	Switch to Bluetooth mode; Move device closer; Disconnect from other devices
Poor FM reception	Antenna not connected; Weak signal area	Connect FM antenna; Adjust antenna position for better signal
USB/SD not playing	Incorrect file format; Corrupted files; USB/SD not inserted correctly	Ensure MP3 format; Check media for corruption; Reinsert USB/SD

Specifications

Feature	Detail
Model Number	BT-398A
Output Power	60W + 60W (Rated), 450W + 450W (Peak)
Number of Channels	2
Bluetooth Version	5.0
Speaker Impedance	4-16 Ohms
Input Modes	Bluetooth, Optical, Coaxial, RCA (AUX), USB, SD, FM Radio, Microphone (x2)
Power Input	AC 110V/60Hz, DC 12V/5A
Item Weight	3.26 pounds
Package Dimensions	8.54 x 8.15 x 3.82 inches

Warranty and Support

For warranty information or technical support, please refer to the contact details provided in the Quick Start Guide included with your product or visit the official Romicta website. Keep your purchase receipt for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question