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auna AV2-CD850BT

auna AV2-CD850BT Hifi Stereo Amplifier User Manual

INTRODUCTION

The auna AV2-CD850BT is a versatile Hifi stereo amplifier designed to deliver clear and dynamic audio across four independent zones. This manual provides detailed instructions for the safe and efficient use of your amplifier, including setup, operation, maintenance, and troubleshooting.

SAFETY INSTRUCTIONS

- Read all instructions carefully before using the device. Keep this manual for future reference.
- Do not expose the amplifier to moisture, rain, or extreme temperatures.
- Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- Disconnect the power plug from the wall outlet during lightning storms or when the unit is left unused for long periods.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Use only attachments/accessories specified by the manufacturer.

PACKAGE CONTENTS

Please check that all items are present in the package:

- 1 x auna AV2-CD850BT Hifi Stereo Amplifier
- 1 x Remote Control
- 1 x User Manual (English)

PRODUCT OVERVIEW

Front Panel

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



CONVENIENT

Comfortable operation via dimmable display and supplied remote control with 30 m range

Front view of the auna AV2-CD850BT amplifier with its remote control, illustrating convenient operation via its dimmable display and radio-controlled remote.

- **Standby Button:** Powers the unit on or off.
- **USB Port:** For connecting USB storage devices to play MP3/WMA files.
- **Display:** Shows current input, volume level, and other status information.
- **Zone Controls (ZONE1-ZONE4):** Adjust volume for individual speaker zones.
- **Dimmer:** Adjusts display brightness.
- **Input Selector:** Cycles through available audio inputs (AUX1, AUX2, AUX3, USB, Bluetooth).
- **Bass/Treble Controls:** Adjust bass and treble levels.
- **Volume Knob:** Adjusts the master volume level.

Rear Panel

The rear panel houses all necessary connections for speakers and external audio sources.



STRONG CONNECTION

3 stereo cinch line inputs for CD players, DVD players and AUX sources

Rear panel of the auna AV2-CD850BT amplifier, showing speaker terminals, RCA audio inputs and outputs, and the power connection.

- **Speaker Terminals (ZONE1-ZONE4):** Connect your passive speakers. Each zone supports two speakers.
- **Audio Input (AUX1, AUX2, AUX3):** RCA stereo inputs for connecting external audio devices like CD players, DVD players, or other audio sources.
- **Audio Output:** RCA stereo output to connect to other audio equipment.
- **AC Input:** Power connection for the amplifier.
- **Power Switch:** Main power switch for the unit.

SETUP

1. Placement

Place the auna AV2-CD850BT amplifier on a stable, level surface. Ensure there is sufficient space around the unit for proper ventilation to prevent overheating.

2. Speaker Connection

Connect your passive speakers to the corresponding speaker terminals on the rear panel. The amplifier supports 4 zones, with each zone capable of connecting two speakers. Ensure correct polarity by connecting the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker.

3. Audio Input Connection

Connect your external audio sources (e.g., CD player, DVD player, cassette deck, computer, radio receiver) to the AUX1, AUX2, or AUX3 RCA stereo inputs on the rear panel using appropriate RCA cables.

4. Power Connection

After all audio and speaker connections are made, connect the power cable to the AC input on the rear panel of the amplifier and then plug it into a suitable wall outlet (AC 230V, 50 Hz).



POWERFUL SOUND

4-zone stereo amplifier with 8 x 50 watts
RMS output power

The auna AV2-CD850BT Hifi Stereo Amplifier placed on a shelf with plants, demonstrating its powerful sound capabilities in a home environment.

OPERATING INSTRUCTIONS

1. Power On/Off

Ensure the main power switch on the rear panel is in the 'ON' position. Press the **Standby** button on the front panel or the remote control to turn the amplifier on or off.

2. Input Selection

Press the **Input** button on the front panel or the remote control to cycle through the available audio sources: AUX1, AUX2, AUX3, USB, and Bluetooth. The selected input will be displayed on the front panel.

3. Volume Control

Adjust the master volume level using the large **Volume** knob on the front panel or the volume buttons on the remote control. The volume level will be shown on the display.

4. Zone Control

The amplifier features four independent audio zones. Use the dedicated **ZONE1** to **ZONE4** buttons on the front panel or remote control to adjust the volume for each zone individually.

5. Tone Control

Use the **Bass** and **Treble** buttons on the front panel or remote control to adjust the low and high frequency response of the audio output according to your preference.

6. Bluetooth Operation

To stream audio wirelessly from a smartphone, tablet, or laptop:

1. Select **Bluetooth** as the input source on the amplifier.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'auna AV2-CD850BT' from the list to pair.
4. Once paired, you can play audio from your device through the amplifier.

The amplifier also supports NFC for intuitive pairing. Simply tap your NFC-enabled device to the NFC sensor on the amplifier (if available) to establish a connection.



WIRELESS STREAMING

Bluetooth interface for wireless music playback from smartphone or tablet

A smartphone wirelessly streaming music to the auna AV2-CD850BT amplifier, which is part of a home entertainment setup with a TV and speaker.

7. USB Playback

To play audio files from a USB storage device:

1. Insert a USB drive containing MP3 or WMA files into the **USB port** on the front panel.
2. The amplifier will automatically switch to USB input and begin playback.
3. Use the navigation buttons (Play/Pause, Next, Previous) on the front panel or remote control to manage playback.



MEDIAPLAYER

USB port for playing MP3 and WMA files

Close-up of a hand inserting a USB stick into the front USB port of the auna AV2-CD850BT amplifier, highlighting its media player function.

8. Remote Control

The included remote control operates via radio frequency, providing a range of up to 30 meters. It allows control over all amplifier functions. Ensure 2 x 1.5V AAA batteries are correctly inserted into the remote control.

MAINTENANCE

- **Cleaning:** Clean the exterior of the amplifier with a soft, dry cloth. Do not use liquid cleaners, abrasive materials, or solvents, as these may damage the finish.
- **Ventilation:** Regularly check that the ventilation openings are free from dust and debris to ensure proper airflow and prevent overheating.
- **Storage:** If the unit will not be used for an extended period, disconnect it from the power outlet and store it in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Main power switch off; Power outlet faulty.	Check power cable connection; Ensure main power switch is ON; Try a different power outlet.
No sound output	Incorrect input selected; Speaker cables disconnected or incorrectly wired; Volume too low; Mute function active.	Select the correct input source; Check all speaker connections and polarity; Increase master and zone volumes; Deactivate mute.
Bluetooth pairing fails	Amplifier not in Bluetooth mode; Device too far from amplifier; Bluetooth on device is off; Previously paired device connected.	Ensure amplifier is in Bluetooth input mode; Move device closer to amplifier; Enable Bluetooth on your device; Disconnect from other devices and try pairing again.
USB playback not working	USB drive not inserted correctly; Incompatible file format; USB drive corrupted.	Re-insert USB drive; Ensure files are MP3 or WMA format; Try a different USB drive.
Remote control not working	Batteries depleted or incorrectly inserted; Obstruction between remote and amplifier.	Replace batteries and check polarity; Ensure clear line of sight (though it's RF, extreme obstructions can interfere).

SPECIFICATIONS

Brand	auna
Model	AV2-CD850BT
Total Output Power	8 x 50 Watt RMS (4 zones)
Speaker Channel Configuration	4.1 (as per specifications, refer to 8x50W RMS for power)
Connectivity	AUX (RCA), Bluetooth, USB
Compatible Devices	Smartphone, CD Player, DVD Player, Cassette Deck, Computer
Special Features	4 zones, Bluetooth, USB playback
Audio Output Mode	Stereo
Dimensions (W x H x D)	43 x 12 x 25 cm
Weight	3.6 kg
Power Supply	AC 230V, 50 Hz
Remote Control Power	2 x 1.5V AAA batteries (included)



Isometric view of the auna AV2-CD850BT amplifier with dimensions indicated: 43 cm width, 12 cm height, and 25 cm depth.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase. For technical support or service inquiries, please contact your retailer or the manufacturer's customer service department. Keep your proof of purchase for warranty claims.