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Daakro SR-3800

Daakro SR-3800 5.1 Channel Home Audio Amplifier User Manual

Model: SR-3800



1. INTRODUCTION

Thank you for choosing the Daakro SR-3800 5.1 Channel Home Audio Amplifier. This manual provides essential information for the proper setup, operation, and maintenance of your new audio system. Please read it thoroughly before use to ensure optimal performance and safety.

The Daakro SR-3800 is designed to deliver high-quality audio for your home theater, studio, or entertainment needs, featuring a dynamic DSP display, multiple input options, and Bluetooth 5.4 connectivity.

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Video 1.1: Overview of the Daakro SR-3800 5.1 Channel Home Audio Amplifier, showcasing its design, features, and connectivity options.

2. SAFETY INFORMATION

- **Electrical Safety:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Do not open the casing; refer all servicing to qualified personnel.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Placement:** Place the unit on a stable, flat surface. Avoid direct sunlight, heat sources, and excessive dust or vibration.
- **Power Supply:** Use only the specified power supply (110 Volts AC).
- **Speaker Compatibility:** This amplifier is compatible only with 5-12 inch passive speakers with an impedance of 4 to 16 ohms. The subwoofer interface supports passive subwoofers only.
- **Microphone Usage:** External wired and wireless microphones may cause feedback noise if not positioned correctly or if gain levels are too high.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Daakro SR-3800 5.1 Channel Home Audio Amplifier
- Remote Controller
- User Manual (this document)
- Power Cable
- FM Antenna
- Bluetooth Antenna

4. PRODUCT OVERVIEW

4.1 Front Panel Controls



Figure 4.1: Detailed diagram of the Daakro SR-3800 front panel, highlighting all controls and their functions, including microphone volume, power, delay, echo, microphone bass/treble, wireless microphone volume, master volume, bass, treble, subwoofer volume, and input selection buttons.

The front panel provides access to all primary controls and the dynamic DSP display. Key controls include:

- **MIC VOL:** Adjusts microphone input volume.
- **POWER ON/OFF:** Main power switch.
- **LCD Screen:** Displays current mode, input, and dynamic DSP spectrum.
- **DELAY/ECHO:** Adjusts microphone delay and echo effects.
- **M.BASS/M.TREBLE:** Adjusts microphone bass and treble.
- **WIRELESS MIC VOL:** Adjusts volume for wireless microphones.
- **VOLUME:** Master music volume control.
- **BASS/TREBLE:** Adjusts music bass and treble.
- **SUB VOL:** Adjusts passive subwoofer volume.
- **Input Selection Buttons:** Select between DVD/CD/AUX, USB/BT/FM, OPT/COAX, and DISP modes.
- **Playback Controls:** Play/Pause, Previous, Next, Single Song/Playlist Loop.

4.2 Rear Panel Connections

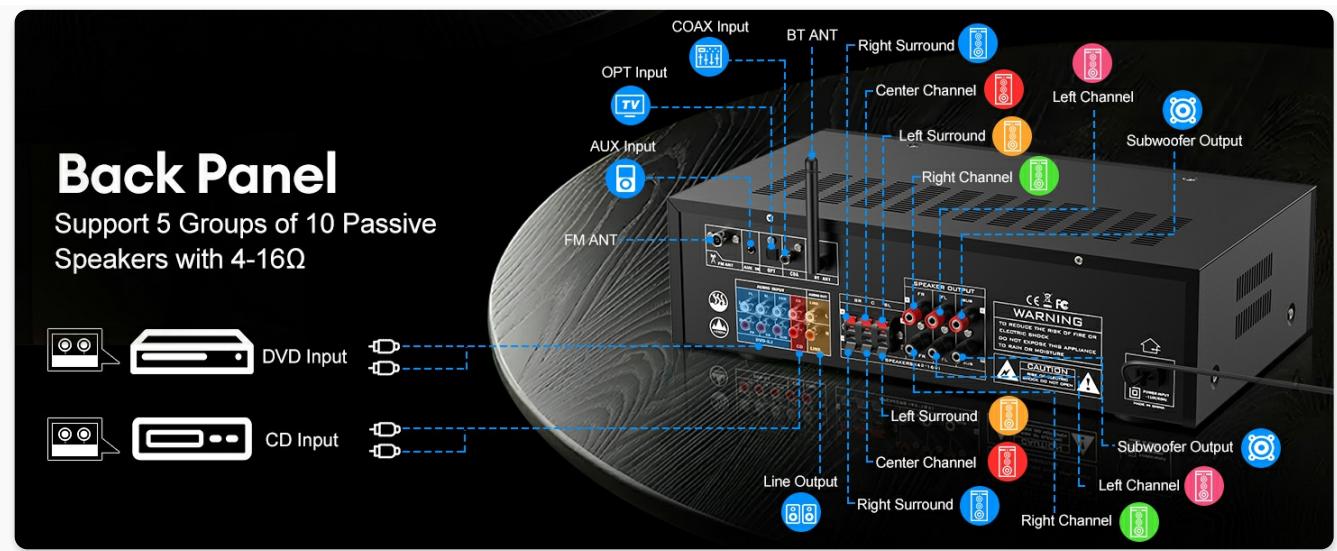


Figure 4.2: Detailed diagram of the Daakro SR-3800 rear panel, illustrating all input and output ports for connecting speakers, audio sources, and antennas.

The rear panel houses all input and output ports for connecting your audio sources and speakers:

- **FM ANT:** FM antenna input.
- **AUX IN:** 3.5mm auxiliary input.
- **OPT/COAX:** Optical and Coaxial digital audio inputs.
- **BT ANT:** Bluetooth antenna connection.
- **AUDIO INPUT (DVD, CD, LINE):** RCA stereo inputs for DVD, CD players, and other line-level sources.
- **AUDIO OUT (LINE):** RCA stereo line output for connecting to active speakers or another amplifier.
- **SPEAKER OUTPUT:** Terminals for connecting passive speakers (Front Left/Right, Center, Surround Left/Right, Subwoofer).
- **POWER INPUT:** AC power connection.

4.3 Dynamic DSP Display



Figure 4.3: The 19.8-inch dynamic DSP display of the Daakro SR-3800, illustrating real-time music rhythm analysis with various spectrum effects.

The 19.8-square-inch LED display screen analyzes and displays music rhythms in real-time within the 20 Hz to 20 kHz frequency response range. It offers 13 spectrum effects, enhancing your audio-visual experience.

5. SETUP INSTRUCTIONS

5.1 Speaker Connections

Connect your passive speakers to the corresponding terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. The amplifier supports 5-12 inch passive speakers with an impedance of 4 to 16 ohms.

- **Front Left (FL) / Front Right (FR):** For your main stereo speakers.
- **Center (C):** For the center channel speaker.
- **Surround Left (SL) / Surround Right (SR):** For your surround sound speakers.
- **Subwoofer (SUB):** For a passive subwoofer only.



Figure 5.1: The rear panel of the amplifier showing various audio inputs and speaker outputs with cables connected, demonstrating a typical setup.

5.2 Audio Source Connections

Connect your audio sources to the appropriate input ports on the rear panel:

- **DVD/CD/LINE:** Use RCA cables to connect DVD players, CD players, or other analog audio devices.

- **OPT/COAX:** Use optical or coaxial cables for digital audio sources like TVs or game consoles.
- **AUX IN:** Use a 3.5mm audio cable for portable devices.
- **USB:** Insert a USB drive for direct media playback.

5.3 Antenna Connections

- Connect the provided FM antenna to the **FM ANT** terminal for radio reception.
- Connect the Bluetooth antenna to the **BT ANT** terminal for optimal Bluetooth signal reception.

5.4 Power Connection

After all audio and speaker connections are made, connect the power cable to the **POWER INPUT** on the rear panel and then to a standard 110V AC power outlet.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **POWER ON/OFF** switch on the front panel to turn the amplifier on or off.

6.2 Input Selection

Use the input selection buttons on the front panel or the remote control to choose your desired audio source (DVD/CD/AUX, USB/BT/FM, OPT/COAX).

6.3 Bluetooth Pairing

To connect a Bluetooth device:

1. Select the **USB/BT/FM** input mode. The display will show 'BT'.
2. On your smartphone, tablet, or other Bluetooth device, search for available devices and select 'Daakro SR-3800'.
3. Once paired, the display will indicate a successful connection.

The amplifier features Bluetooth 5.4 for a stable connection within a 30-foot range.



Figure 6.1: The Daakro SR-3800 amplifier demonstrating its Bluetooth 5.4 connectivity with a stable 30-foot range, surrounded by various compatible smart devices.

6.4 Volume and Equalizer Control

Use the rotary knobs on the front panel or the remote control to adjust audio parameters:

- **VOLUME:** Controls the overall music volume.
- **BASS/TREBLE:** Adjusts the low and high frequencies of the music.
- **SUB VOL:** Adjusts the volume of the connected passive subwoofer.
- The remote control also offers preset EQ settings (e.g., 'Hall') for quick sound adjustments.

6.5 Microphone Usage

The amplifier supports two wired microphones and one wireless microphone input. Connect your microphones to the designated inputs on the front panel.



Karaoke Party

Equipped with two wired mic interfaces and one wireless mic interfaces for Karaoke, supports at least three people singing karaoke at the same time!

Wired mic interfaces*2 

Wireless mic interfaces*1 



Figure 6.2: The Daakro SR-3800 amplifier facilitating a karaoke session with multiple microphone inputs, allowing for simultaneous use.

Use the dedicated microphone controls:

- **MIC VOL:** Adjusts the overall microphone volume.
- **DELAY/ECHO:** Adds delay and echo effects to the microphone audio.
- **M.BASS/M.TREBLE:** Adjusts the bass and treble for microphone audio.
- **WIRELESS MIC VOL:** Adjusts the volume for the wireless microphone input.

6.6 FM Radio

In **USB/BT/FM** mode, select FM to access the radio tuner. Use the playback control buttons (Previous/Next) to scan for stations. Ensure the FM antenna is properly connected for optimal reception.

7. MAINTENANCE

7.1 Cleaning

Wipe the unit with a soft, dry cloth. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.

7.2 Ventilation

The Daakro SR-3800 features an innovative cooling system with built-in fans, heat sinks, and side ventilation ports. Ensure these vents are not obstructed to maintain optimal cooling efficiency and extend the equipment's lifespan. The fan operates quietly and is virtually inaudible at idle.

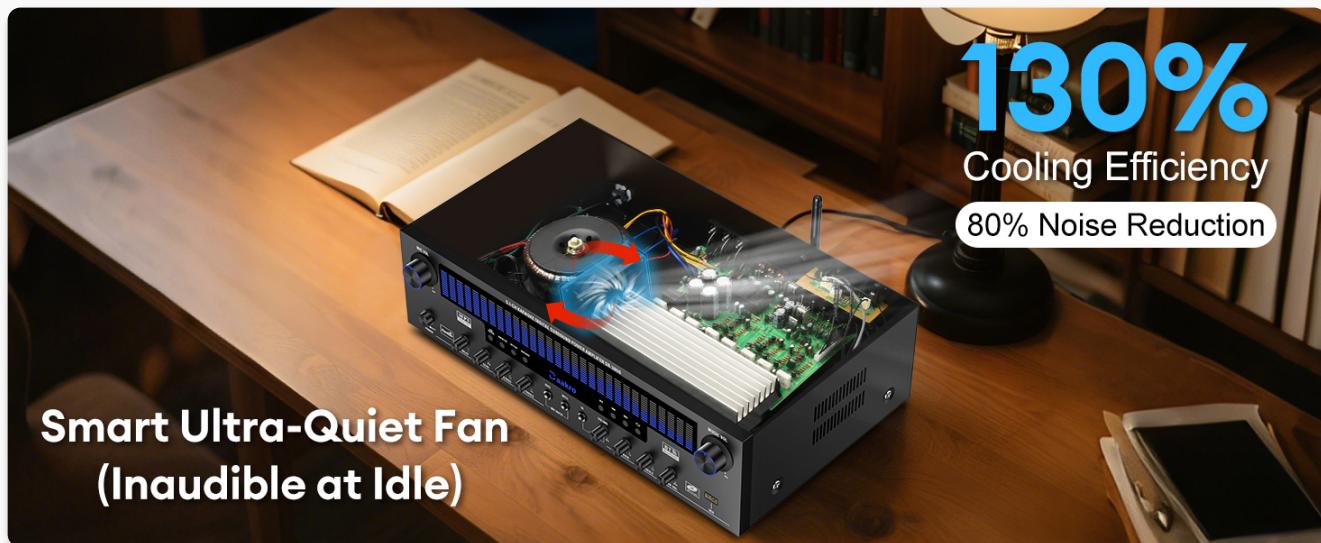


Figure 7.1: Internal view of the Daakro SR-3800 amplifier, illustrating the smart ultra-quiet fan and heat sinks designed for efficient cooling and noise reduction.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Outlet issue	Ensure power cable is securely connected; Turn power switch on; Test outlet with another device.
No sound from speakers	Incorrect input selected; Speaker cables loose/incorrectly connected; Speaker impedance mismatch; Volume too low	Select correct input; Check all speaker connections for polarity; Ensure speakers are 4-16 ohms passive; Increase volume.
Bluetooth not connecting	Not in Bluetooth mode; Device too far; Interference; Bluetooth antenna loose	Select USB/BT/FM mode; Move device closer (within 30ft); Ensure Bluetooth antenna is securely attached.
Microphone feedback/noise	Microphone too close to speakers; Gain levels too high	Reposition microphone; Reduce MIC VOL or individual microphone gain controls.

Problem	Possible Cause	Solution
Remote control not working	Batteries dead/incorrectly inserted; Obstruction between remote and unit	Replace batteries; Ensure clear line of sight to the amplifier's IR receiver.
Subwoofer not working	Active subwoofer connected; Incorrect connection	Ensure only a passive subwoofer is connected to the SUB output; Check subwoofer cable connection.

9. SPECIFICATIONS

Feature	Specification
Model Number	SR-3800
Rated Power Output	300W (50W per channel)
Number of Channels	5.1
Speaker Impedance	4-16 Ohms (Passive Speakers)
Bluetooth Version	5.4
Bluetooth Range	Up to 30 feet (10 meters)
DSP Display Size	19.8 inches
Frequency Response Range	20 Hz to 20 kHz
Input Interfaces	Bluetooth, USB, Wireless Mic, 2x Wired Mic, FM, AUX, OPT, COAX, DVD, CD, LINE
Output Interfaces	5.1 Channel Passive Speaker Output, Passive Subwoofer Output, Line Output
Voltage	110 Volts (AC)
Item Weight	13.31 pounds
Package Dimensions	19.45 x 13.39 x 7.64 inches

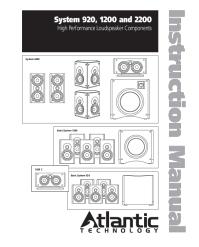
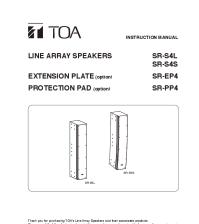
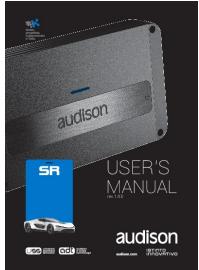
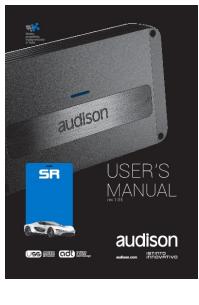
10. WARRANTY AND SUPPORT

The Daakro SR-3800 amplifier comes with a **30-day warranty** from the date of purchase. Daakro is committed to providing high-quality products and customer satisfaction.

For technical assistance, troubleshooting, or warranty claims, please contact our customer support team. We offer **24-hour online customer service** to address your inquiries promptly.

You can find more information and support on the official Daakro brand store: [Daakro Brand Store](#).

Related Documents - SR-3800

	<p>Daakro AV-735A Audio Amplifier Instruction Manual</p> <p>Comprehensive instruction manual for the Daakro AV-735A audio amplifier, detailing front and rear panel functions, remote control operation, wiring instructions, usage guides, and troubleshooting FAQs.</p>
	<p>Atlantic Technology System 920, 1200, 2200 High Performance Loudspeaker Components Manual</p> <p>Instruction manual for Atlantic Technology's System 920, 1200, and 2200 high-performance loudspeaker components. Covers setup, placement, connection, and specifications for home theater and stereo systems.</p>
	<p>TOA SR-S4L/SR-S4S Line Array Speakers Instruction Manual</p> <p>This instruction manual provides detailed information on the TOA SR-S4L and SR-S4S line array speakers, including safety precautions, general description, features, installation, wiring, specifications, and optional accessories. Learn how to set up and operate your TOA line array speaker system.</p>
	<p>Audison SR Series Car Amplifiers - User Manual</p> <p>Comprehensive user manual for Audison SR series car amplifiers, covering installation, features, technical specifications, and wiring diagrams for models SR 1.500, SR 4.300, SR 4.500, SR 5.600, and SR 6.600.</p>
	<p>Audison SR Series Car Amplifiers User Manual</p> <p>Comprehensive user manual for Audison SR series car amplifiers, covering installation, technical specifications, and operation for models SR 1.500, SR 4.300, SR 4.500, SR 5.600, and SR 6.600.</p>