SONANCE

UA 2-125 ARC AMPLIFIER
QUICKSTART GUIDE

BOX CONTENTS

- (1) Quickstart Guide
- (1) UA 2-125 ARC Amplifier
- (1) Power Cord (Region Dependent)
- (1) IR Receiver
- (1) Speaker Block Connector
- (2) Mounting Brackets
- (4) M3 T-Nuts

PREPARING

1. Prepare smartphone and enable Bluetooth.

2. Use the QR code to download and install the SonARC for UA Series Amps App.

INSTALLATION

1. The UA 2-125 ARC chassis comes with brackets, T-Nuts, and 20mm T-Slot grooves for easy mounting.

2. Thread a seismic tether through the hole in the upper left corner of the Audio Connector Panel when mounting in locations where the amplifier could fall and damage property or cause injury. For more mounting information please see the Operation Manual.

GETTING STARTED

The Sonance UA 2-125 ARC amplifier comes ready to play audio out-of-the-box. Installers should set up the amp using the SonARC interface (Bluetooth required) for optimal performance. Sonance suggests the following installation sequence:

1. The UA 2-125 ARC amp should be away from moisture and temperatures exceeding 100°F (38°C).

2. Mount the UA 2-125 ARC using the included mounting brackets or M3 T-Nuts. NOTE: If the mounting position will make the BLE antenna inaccessible, proceed with Steps 3 through 8 before mounting in its final location.

3. Connect audio inputs: HDMI and/or Analog RCA.

4. Connect speaker outputs.

5. Confirm source device (HDMI or Analog RCA) is muted.

6. Power the UA 2-125 ARC on by plugging the power cord into an AC mains outlet.

7. Use the SonARC app on your phone to connect to the UA 2-125 ARC and configure settings as desired.

8. Unmute the source device.

9. Finalize mounting and cable management.

STATUS INDICATOR LED

- **SOLID GREEN:** analog input selected

- **SOLID WHITE:** digital input selected

- **SOLID BLUE:** setup mode, Bluetooth, or IR learning

- **SOLID YELLOW:** standby

- **FLASHING RED (1HZ):** protection state

- **SOLID PURPLE:** mixed input mode

SOURCE CONNECTIONS

The UA 2-125 ARC amplifier can support multiple connections. In the SonARC App, one connection can be selected as the default source, while the other will be the secondary source. Normally, audio will play from the default source. If audio is detected on the secondary source, the UA 2-125 ARC will automatically switch to the secondary source. From the factory, the default source for the UA 2-125 ARC is the HDMI connection while the Analog RCA connections are the secondary source. If you are using a digital source (HDMI), make sure that the source device is set up to provide a 2-channel PCM signal.
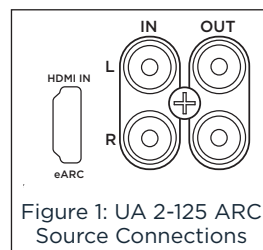

Figure 1: UA 2-125 ARC Source Connections

SETUP BUTTON

Bluetooth on the UA 2-125 ARC should be on by default. If the phone running the SonARC App cannot connect with the UA 2-125 ARC unit, press the SETUP button to initiate the Bluetooth connection.

IR CONTROL

Most installations using HDMI as input will not need the IR receiver. The UA 2-125 ARC receives the TV's remote control commands via CEC over the HDMI ARC connection. Make sure CEC is enabled in the TV settings and nothing is plugged into the IR control input.

NOTE: When the IR receiver is plugged in, CEC control of the UA 2-125 ARC is disabled.

If CEC control is not working properly, the IR input can be used as an alternative.

CLIP INDICATOR LED

When the amp is clipping, audio peaks display as RED flashes. If this occurs, the amplifier is being overdriven and the volume control needs to be reduced until the peaks no longer cause the LED to illuminate.

SPEAKER CONNECTIONS

NOTE: The UA 2-125 ARC is capable of driving single or stereo 4, 6, and 8 ohm loads.

1. Connect speaker wire (up to 12 AWG) to the Speaker Block Connector.

IMPORTANT: Keep all wire strands inside the plastic shell. Damage may occur if speaker wires short together or touch the amplifier housing.

2. Plug the block connector into the amplifier and check that there is no strain on the speaker wire.

3. For a single channel or mono setup, connect the speaker wires to the L speaker output only. Do not connect them to both the L and R channels or bridge th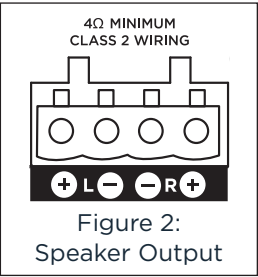e channels. This setup enables 250 watts of power to a 4 ohm load. In the SonARC app, go to the **AMP AND DSP** section. There, use the channel configuration settings to choose which channels will play through the L speaker output of the amplifier.

4Ω MINIMUM
CLASS 2 WIRING

Figure 2:
Speaker Output

OUTPUT TRIM

Most stereo 8 ohm or single channel (4, 6, or 8 ohm) setups require no adjustment to output trim in the SonARC app. For optimum performance in lower impedance stereo installations (4 or 6 ohm), the amp output trim should be lowered in the SonARC app's **AMP AND DSP** section (see chart below).

POWERING THE AMPLIFIER

Plug the provided power cord into the amplifier.

IMPORTANT: Do not plug the power cord into the wall outlet until all system connections have been made.

UA 2-125 ARC Amplifier Audio Connector Panel

UA 2-125 ARC Amplifier Power Inlet

Audio Connector Panel

1. Status LED
2. HDMI Input
3. RCA Analog Input
4. RCA Analog Output
5. Setup Button
6. IR Control Input
7. Clip LED
8. Speaker Output

Power Inlet Panel

9. AC Input

LOAD IMPEDANCE	NUMBER OF CHANNELS	OUTPUT TRIM SETTING
4, 6, or 8 ohm	1	0dB
4 ohm	2	-3dB
6 ohm	2	-1.5dB
8 ohm	2	0dB

Scan QR code for additional information. For technical support call 949.492.7777 or visit www.sonance.com