

SONANCE

UA 2-125 AMPLIFIER

QUICKSTART GUIDE

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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 chassis comes with brackets and 20mm series 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 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:

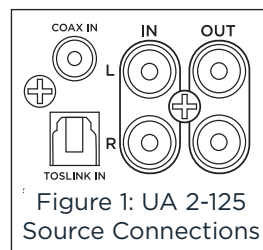
1. The UA 2-125 amp should be away from moisture and temperatures exceeding 100°F (38°C).
2. Mount the UA 2-125 using the included mounting brackets or M3 T-Nuts. NOTE: If the mounting position will make the BLE antenna inaccessible, proceed with Steps 3 through 8 before mounting in its final location.
3. Connect audio inputs: Analog RCA and/or Coax or TOSLINK.
4. Connect speaker outputs.
5. Confirm source device (Analog RCA or Coax/Toslink) is muted.
6. Power the UA 2-125 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 and configure settings as desired.
8. Unmute the source device.
9. Finalize mounting and cable management.

STATUS INDICATOR LED

- **SOLID GREEN:** analog input active
- **SOLID WHITE:** digital input active
- **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 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 will automatically switch to the secondary source. From the factory, the default source for the UA 2-125 is the Analog RCA connections while the Coax/TOSLINK connections are the secondary source. If you are using a digital source (Coax or TOSLINK), make sure that the source device is set up to provide a 2-channel PCM signal.

NOTE: Use only one of the S/PDIF connections: Coax or Toslink.

SETUP BUTTON

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

IR CONTROL

The IR 3.5mm jack can be used to receive IR commands from a distribution box or provided sensor. Refer to the UA 2-125 webpage for specific IR control codes. This feature will turn on automatically when the IR sensor is plugged in, and does not need to be enabled in the SonARC App interface.

CLIP INDICATOR LED

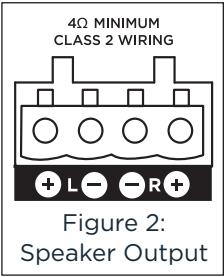
When the amp is clipping, audio peaks display as RED flashes. If this occurs, the amplifier is being overdriven and the volume control needs to be reduced until the peaks no longer cause the LED to illuminate.

SPEAKER CONNECTIONS

NOTE: The UA 2-125 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 the channels. This setup enables 250 watts of power to a 4 ohm load. In the SonARC app, go

to the AMP AND DSP section. Use the channel configuration settings to choose which channels will play through the L speaker output of the amplifier.

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 Amplifier Audio Connector

1. Status LED
2. TOSLINK Input
3. Coax Input
4. RCA Stereo Input
5. RCA Stereo Output
6. Setup Button
7. IR Control Input
8. Clip LED
9. Speaker Output

UA 2-125 Amplifier Power Inlet

10. 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