

# SONANCE

## MULTI-CHANNEL POWER AMPLIFIER DSP 8-130 MKIII QUICKSTART GUIDE

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### GETTING STARTED

The Sonance DSP 8-130 MKIII comes ready to play audio out-of-the-box. Installers have the option to set the amplifier up using the physical controls for customization or the SonARC web interface (ethernet interface required). Sonance suggests the following installation sequence:

1. Place amplifier in a location away from moisture and temperatures exceeding 100°F (38°C).
2. Connect Audio Inputs.
3. Connect Speaker Outputs.
4. Connect network jack with an ethernet cable from the amplifier to a network hub or switch (see the complete DSP 2-750 MKIII User's Manual and the SonARC guide for complete details).
5. For IR control, insert a mono 3.5mm plug (tip-positive) into the 3.5mm jack labeled "IR Control".
6. For Voltage Trigger, connect trigger lines to the IN + and IN- terminals on the Voltage Trigger terminal block.
7. Connect the power cord.
8. Confirm inbound audio feed signals have been muted. Turn the amplifier power switch to the ON position.

### SOURCE CONNECTIONS

The DSP 8-130 MKIII ships with two Analog Input Modules. By default, Inputs 1 through 4 are routed to Zones 1 through 4, respectively. Different routing can be configured through SonARC interface.

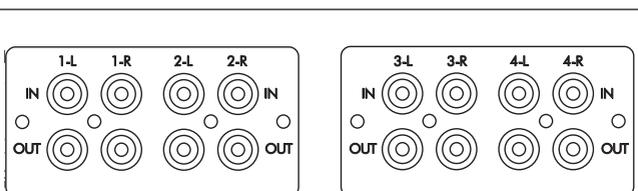


Figure 1: Source Connections

### VOLTAGE TRIGGER CONTROL

The DSP 8-130 MKIII has a 3-30V (AC or DC) control input. The factory default setting of the amplifier is Always On or Audio-Sense. The Voltage Trigger can be enabled within the SonARC interface.

### IR CONTROL

The 3.5mm jack can be used to receive IR commands from a distribution box or self-powered IR sensor. The amplifier does not provide a voltage to IR sensors. Refer to the DSP 8-130 MKIII webpage for specific IR control codes. This feature is always active, and does not need to be enabled in the SonARC interface.

### SPEAKER CONNECTIONS

**NOTE: The DSP 8-130 MKIII is capable of driving 4 ohm stereo, 8 ohm stereo, or 8 ohm bridged mono loads. Bridged mono load configurations require selection in the SonARC interface.**

1. Connect speaker wire (up to 12 AWG) to the provided 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. For bridged operation, connect speaker wires from LEFT+ to SPEAKER+ and RIGHT+ to SPEAKER-.
3. Plug the block connector into the amplifier and check that there is no strain on the speaker wire.

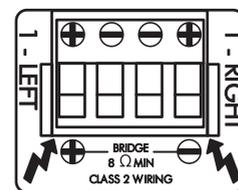


Figure 2: Speaker Output

### POWERING THE AMPLIFIER

Plug the provided 14 gauge EIA standard 120 Volt grounded power cable into the IEC power connector.

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

### RESET BUTTON

Pressing the RESET button for less than five seconds will reboot the amp. Pressing the RESET button between five and ten seconds will reset the network settings to factory defaults (DHCP on). Pressing the RESET button for greater than ten seconds will perform a full factory reset, erasing any EQ changes or other user settings.

## LED INDICATORS

### Power Button System Status Indicator

- No Light: amp is unpowered or power button is turned off
- Bright White: amp has power and is active
- Dim White: amp has power and is sleeping
- Blinking White: amp is in overtemperature or power supply protection, or the “Identify Amplifier” button was pressed in SonARC

### Channel Status Indicators

- No Light: no audio present
- Green: audio present
- Blinking Red: audio present, amp is overdriven
- Solid Red: amplifier is in protection mode

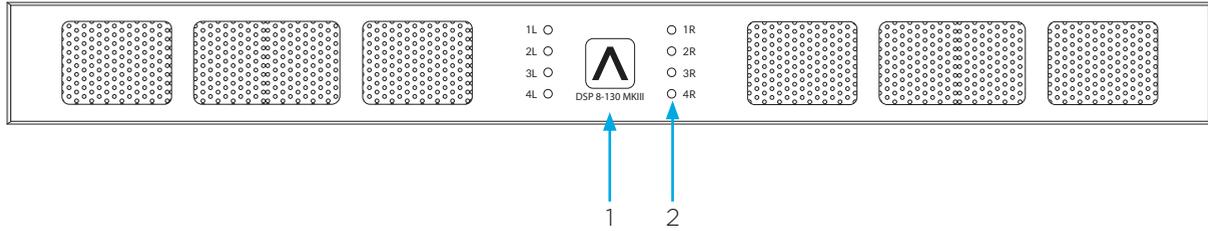


Figure 3: DSP 8-130 MKIII Multi-Channel Power Amplifier Front Panel

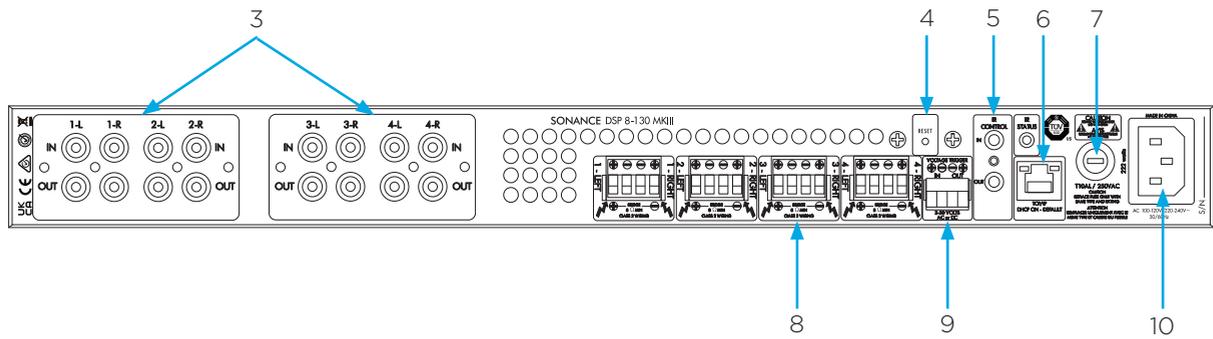


Figure 4: DSP 8-130 MKIII Multi-Channel Power Amplifier Rear Panel

## Front Panel

1. Power Button and Status Indicator
2. Channel Status Indicators (Active Audio and Protection)

## Rear Panel

3. Analog Input/Output Module (Option to upgrade to Digital Input Module; SKU 93594)
4. Reset Button
5. IR Control Input and Passthrough
6. RJ-45 Input
7. AC Fuse Holder
8. Speaker Output
9. Voltage Control
10. AC Input



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For technical support call 949.492.7777  
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