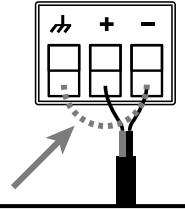


Box Contents:

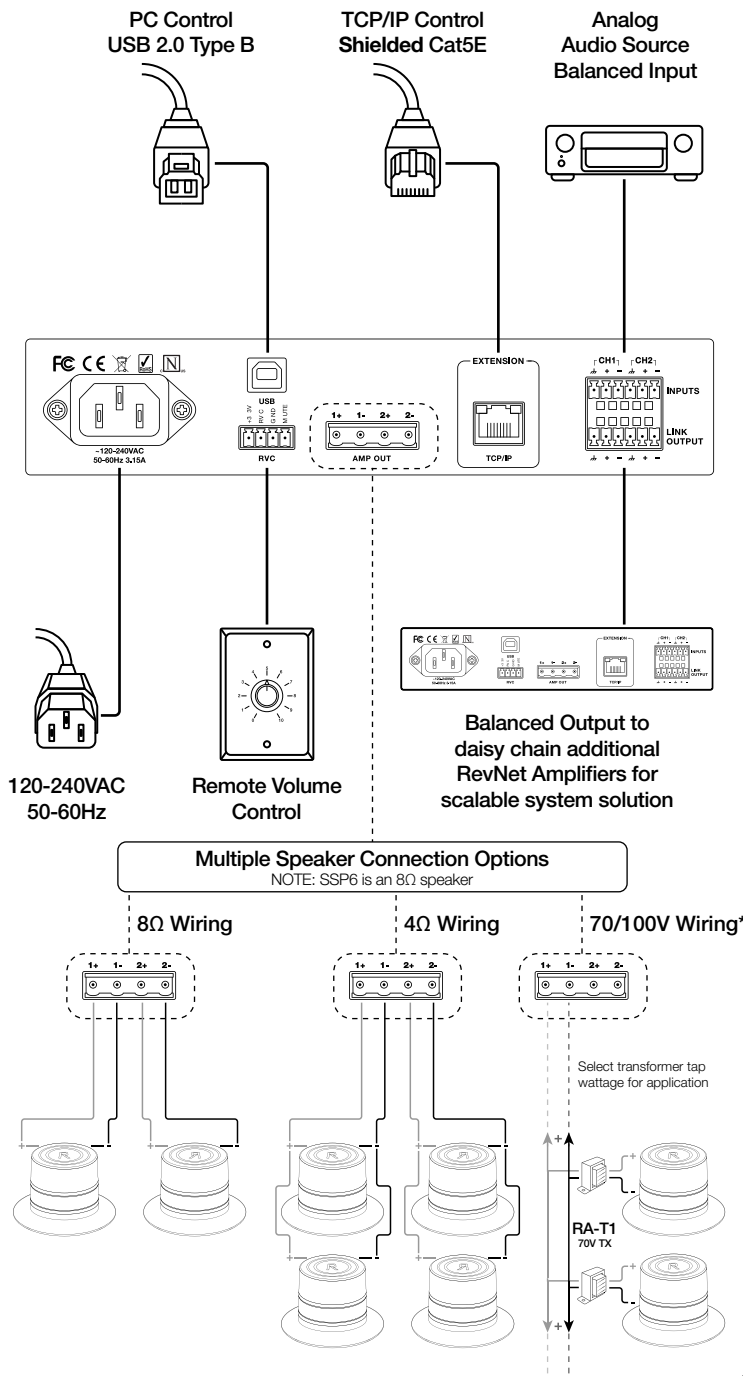
- One (1) RevNet 2140(-D)
- Power Cord
- Phoenix Block Connectors
- This instruction sheet

Balanced Input

If an unbalanced source input is used, ensure a jumper wire is connected between (-) and (g) on input Phoenix connector for each channel

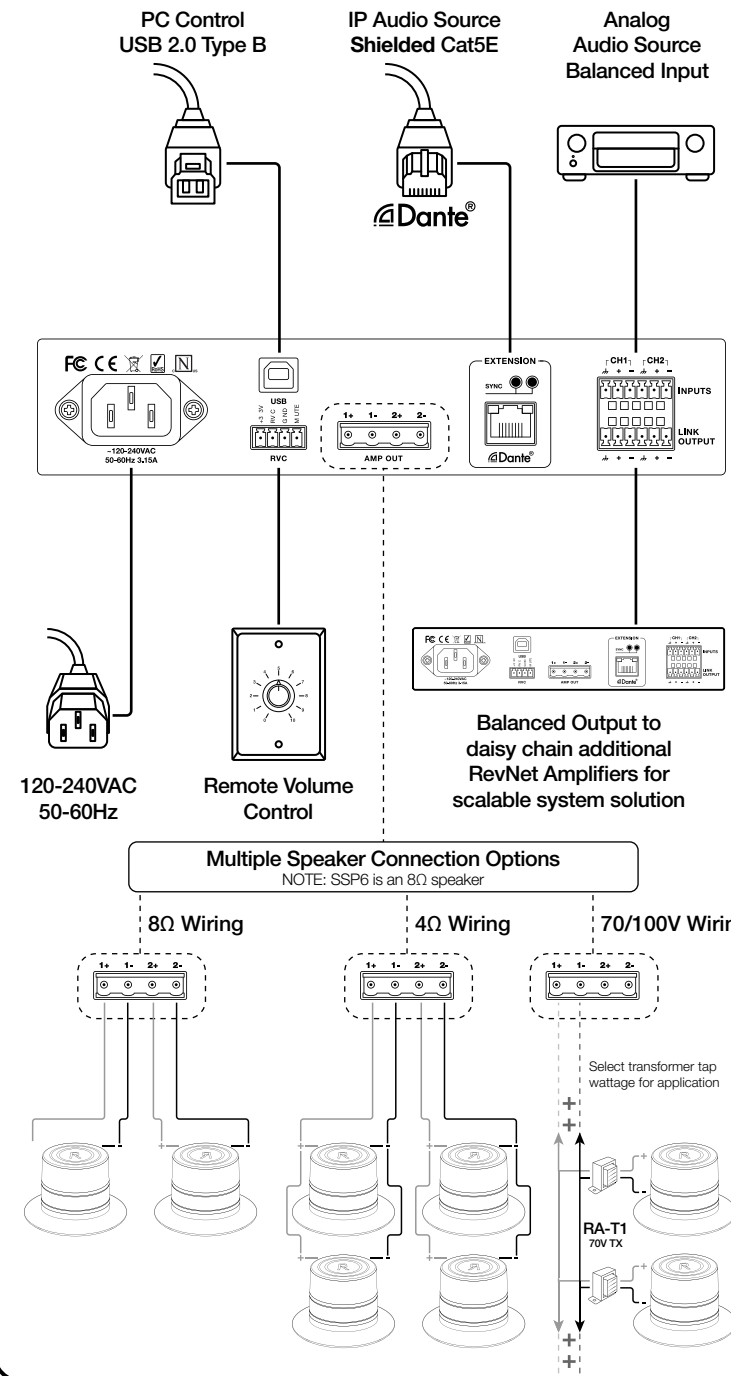


RevNet™ 2140



*NOTE: Channel 1 must be used for 70/100V Wiring

RevNet™ 2140-D



*NOTE: Channel 1 must be used for 70/100V Wiring



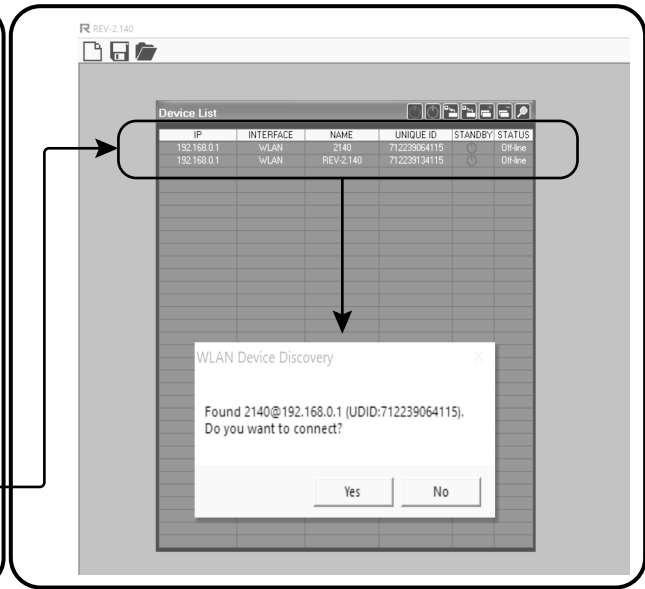
RevNet™ 2140(-D) Quick Start Guide

IP Audio - Advanced DSP - Sound Masking

Install REV-2.140 Install Control Software and Connect to Amplifier

The connection to the amplifier for control and setup can be made via direct WiFi connection, Ethernet cable, or USB type B

1. Download and install the REV-2.140 control software on supported PC device – download from revolutionacoustics.com/RevNet or www.revolutionacoustics.com/downloads
2. To connect to amp direct via WiFi, search available WiFi networks and connect to “WiFi Net”
3. Option 2 - direct wire connection can be made via wired LAN connection
4. Option 3 – direct connection can be made to amp via USB type B connection
5. Open REV-2.140 software
6. Select device on drop down list and double click to open amplifier user



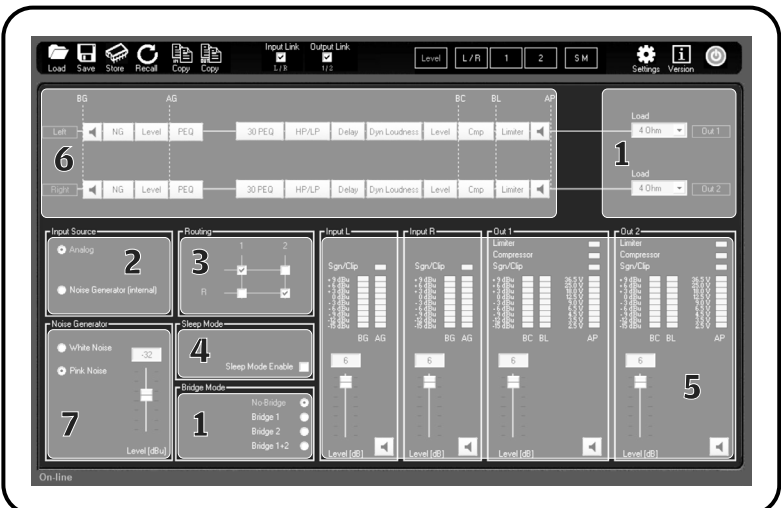
Navigation Bar - At top of all amp user interface screens you will see the main navigation bar



1. Load, Save, Store, Recall, and Copy settings to and from the amplifier
2. Input and Output link check boxes – when checked, changes made in one input or one output are applied to both inputs or both output
3. Level – Click to access the main screen – Select Drive mode 4Ω, 8Ω, 16Ω, 70V or 100V; select input source; channel routing; and gain levels. All audio tools for all channels are quick accessible via silver shortcut buttons in channel workflow
4. L/R – Click to access controls for both input channels including - Gain, Noise Gate and EQ filters
5. 1 & 2 – Click to access controls for output channels including – EQ Filters, Gain, Compression, Limiter, and Dynamic Loudness
6. SM – Click to access controls for Sound Masking signal – Enable and disable sound masking and adjust Masking EQ filters
7. Settings – Update firmware, rename device, and adjust network settings
8. Power Button – Toggle in and out of standby mode

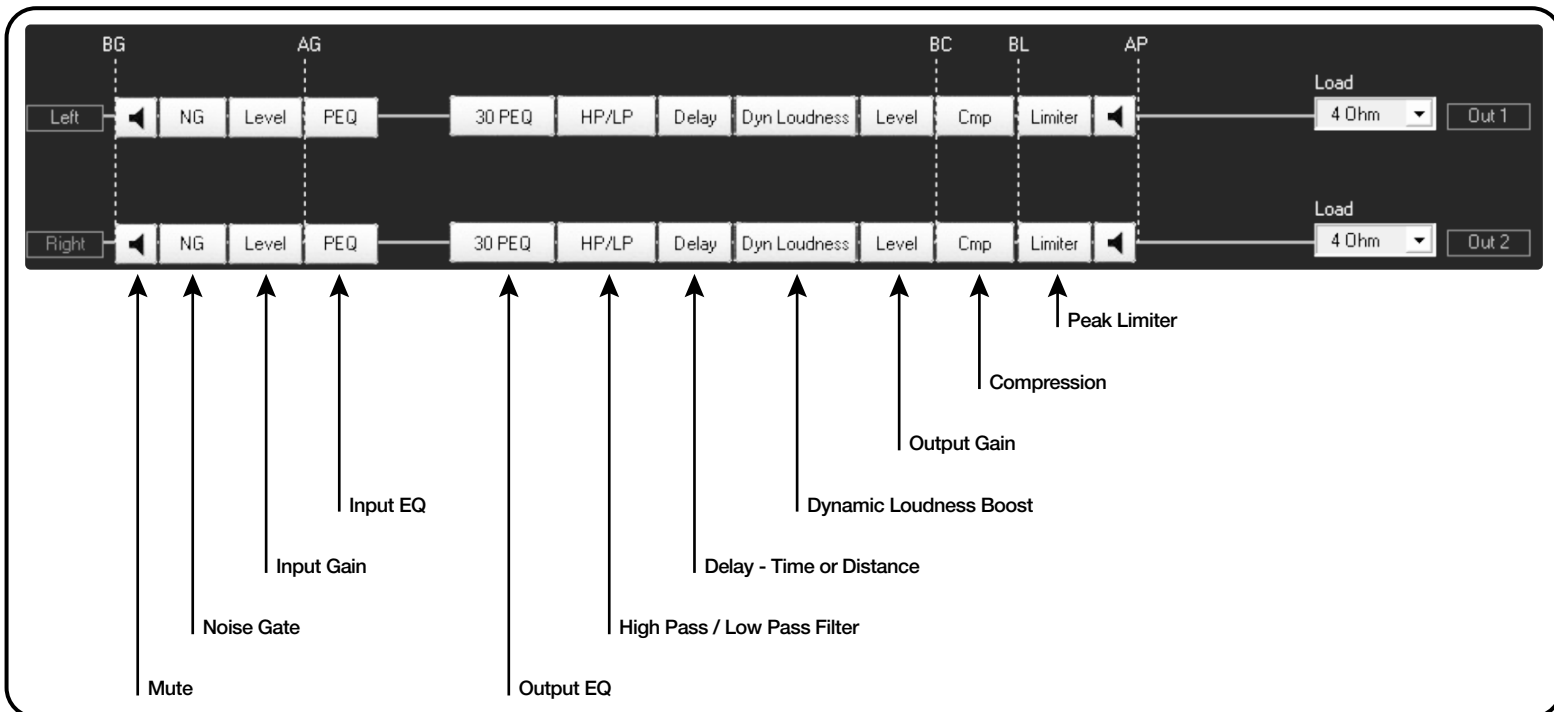
LEVEL - Main Screen

1. Select Bridge Mode and Load –
 - a. 4Ω/8Ω/16Ω (No Bridge) –
 - b. 70V/100V (Bridge 1, 2, or 1+2)
2. Select Input – Analog, Dante or Sound Masking (Noise Generator internal)
3. Routing – Route either input to either output
4. Sleep Mode – Enable to allow amp to go into sleep mode after 1 hour inactivity
5. Gain Controls – Adjust input and output levels
6. Quick Access Buttons – Quickly navigate to specific setting adjustment
7. Noise Generator – Test signal generator



RevNet™ 2140(-D) Quick Start Guide

IP Audio - Advanced DSP - Sound Masking



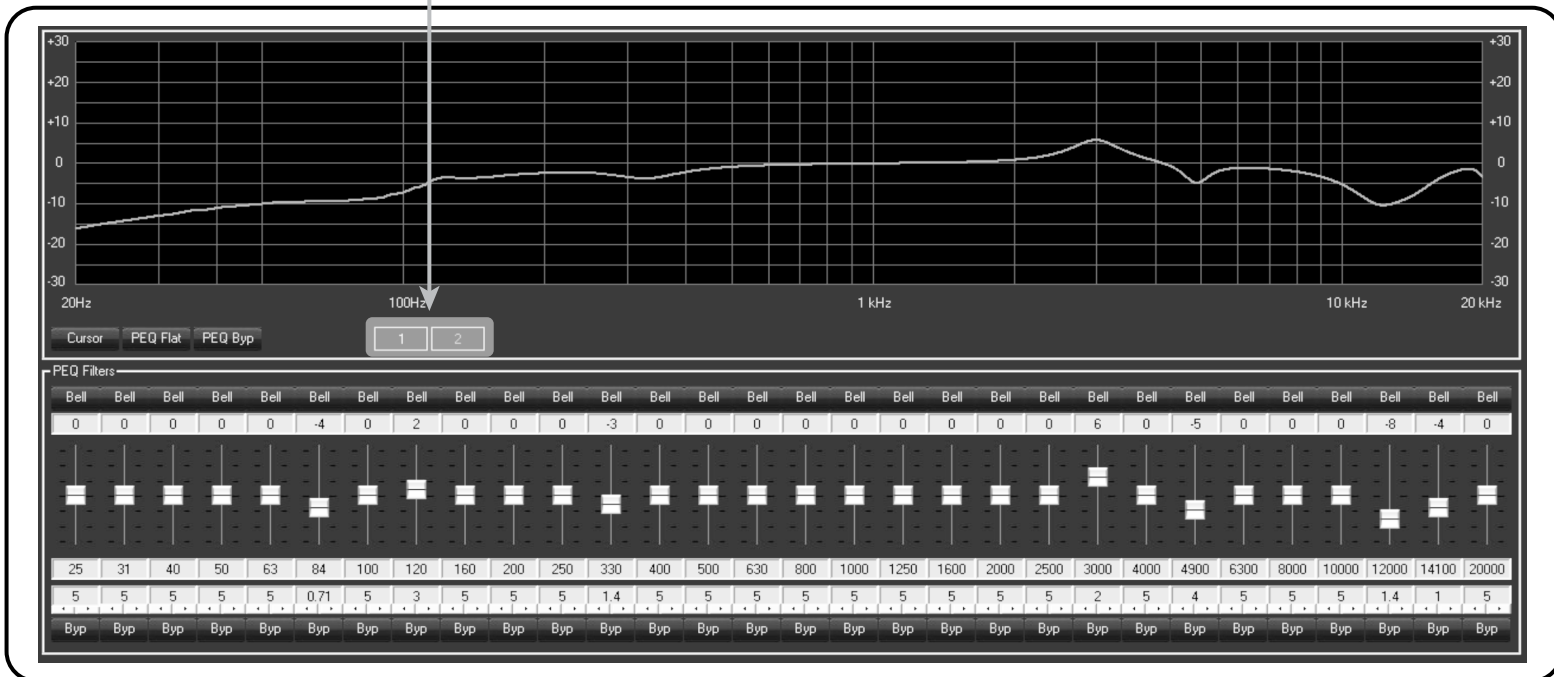
30 PEQ - Setting EQ Coefficients

For optimum performance of Revolution Acoustics SSP6 Multiducers on all substrates, it is important to utilize the recommended EQ Curves for the substrate.

The EQ Coefficient database is available on our website at: revolutionacoustics.com/RevNet or revolutionacoustics.com/downloads

Output channels can be linked with the same EQ values;

Or each output EQ can be configured separately as needed for installation on different substrates per channel.



RevNet™ 2140(-D) Quick Start Guide

IP Audio - Advanced DSP - Sound Masking

SM - Sound Masking

Every RevNet 2140 and 2140D amplifier includes a fully customizable Sound Masking generator.

To access Sound Masking features, click “SM” button on **Navigation Bar**

The RevNet 2140(-D) comes loaded with a default sound masking signal which can be customized as desired using 16 band Masking filters

Turn on and adjust gain level

More information on Sound Masking system best practices can be found at revolutionacoustics.com/SoundMasking

The screenshot displays the software interface for the RevNet 2140(-D) amplifier. At the top, there is a navigation bar with buttons for 'Load', 'Save', 'Store', 'Recall', 'Copy', and 'Copy'. Below this are 'Input Link' and 'Output Link' checkboxes, and a 'Level' section with 'L/R', '1', '2', and 'SM' buttons. The 'SM' button is highlighted. To the right are 'Settings', 'Version', and a power button.

The main display area is divided into three sections:

- Frequency Response Graph:** A graph showing a smooth curve from -30 dB at 20 Hz to +30 dB at 20 kHz, with major grid lines at 100 Hz, 1 kHz, and 10 kHz.
- Masking PEQ Filters:** A table of 16 filters with adjustable gain, frequency, and Q-factor. The filters are: HP-Q, Bell, Bell, Bell, Bell, Bell, Bell, Bell, Bell, Bell, HiShQ, Bell, Bell, HiShQ, Bell, and LP-Q. The current settings are: HP-Q (0), 16 Bell filters (0), HiShQ (-3), 2 Bell filters (0), HiShQ (-2), Bell (0), and LP-Q (0). The frequencies range from 120 Hz to 10000 Hz, and Q-factors range from 1 to 0.55. Each filter has a 'Byp' (bypass) button below it.
- Sound Masking Control Panel:** Located on the right, it includes an 'Enable' checkbox (checked), radio buttons for 'White Noise' and 'Pink Noise', a 'Level [dBu]' slider set to 0, and zoom/shift axis controls.

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