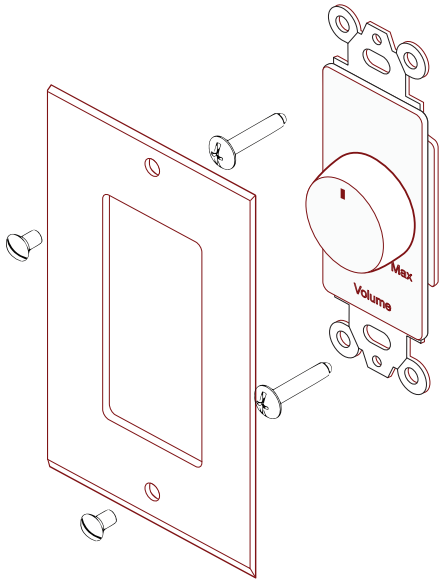
VOLUME CONTROL

VCOAPROR

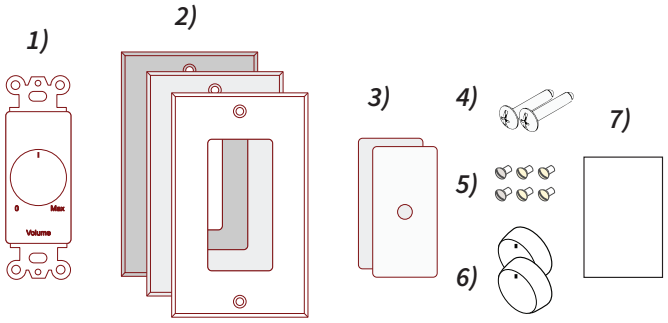


WARNING
IMPORTANT SAFETY INSTRUCTIONS:

- **For internal use only. Do NOT use in wet locations.**
- **This product is to be installed or used with products that have a 3V3 GPIO.**
- **This product is NOT to be connected to the amplifier output.**

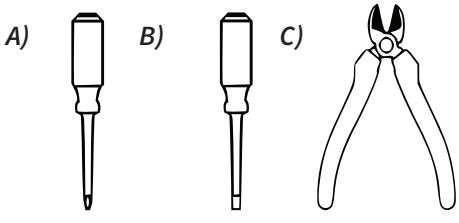
What's Included

1) 1 x VCOAPROR Volume Control
2) 3 x Wall Plates
3) 3 x Covers
4) 2 x Volume Control Screws
(6-32 x 3/4 in)
5) 6 x Wall Plate Screws
6) 3 x Control Knobs
7) Start Guide



Required Tools

A) Phillips Screwdriver
B) Slotted 'Flat head' Screwdriver
C) Wire Stripper



Please visit www.originpro.com or scan this QR code using your smart device for the most up to date instructional information and linedrawings for this product.

**All warranties and warranty conditions are subject to change.*

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Scan the QR Code on the reverse of this page for full instructions for this product.

DIAGRAM 1A

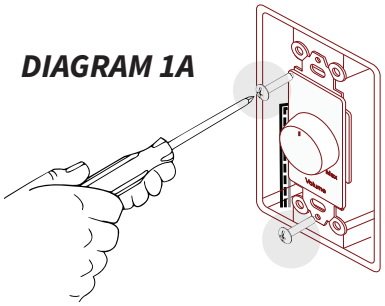
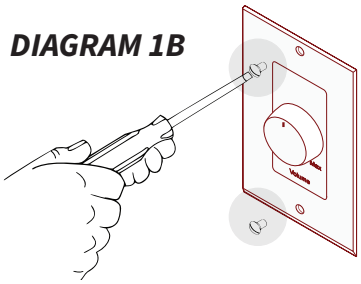


DIAGRAM 1B



A • Installing the Wall Plate:

1) Use the x 2 Volume Control Screws (6-32 x 3/4 in) and Phillips Screwdriver to attach the VCOAPROR Volume Control securely to the Wall Gang Box. **(DIAGRAM 1A)**

2) Use the x 4 Wall Plate Screws and Slotted 'Flat head' Screwdriver to attach the Wall Plate securely over the Rotary Control. **(DIAGRAM 1B)**

B • Volume Control Set Up (Amplifier):

1) Connect to the Amplifier using WiFI, and press the "SETTINGS" tab.

2) Select the "GPIO" option and in the GPIO Setting menu, select the Pin number (4, 5, 6 or 7) that you connected the "CTRL" wire of the Volume Control on the GPIO connector into the back of the amplifier (DIAGRAM 1B).

C • Connecting the VCOAPROR to the Origin ProA Amplifier:

1) Make sure the Amplifier is turn OFF.

2) Strip 1/4 inch (5mm) of the insulation off both ends of the wire.

3) On the Volume Control 3P Connector, connect the 3 wires. **(DIAGRAM 2A)**

4) On the wire going to the amplifier, connect the 3 wires to the GPIO connector as indicated on the connection diagram above. **(DIAGRAM 2B)**

D • Wire Connection Details:

1) Select the 3 wires that you are going to use and connect them as follows:
2) Ground wire, PIN 3 on the Amplifier GPIO: will go to the "GND" on the Volume Control side.
3) Voltage wire, PIN 8 on the GPIO: will be the "IN" connection on the Volume Control side.
4) Control wire, PIN 4, 5 or 6 (in our example PIN 4): will be "CTRL" connection on the Volume Control side.
5) Once connections are done, adjust the Volume control to around 25% of the full rotation.

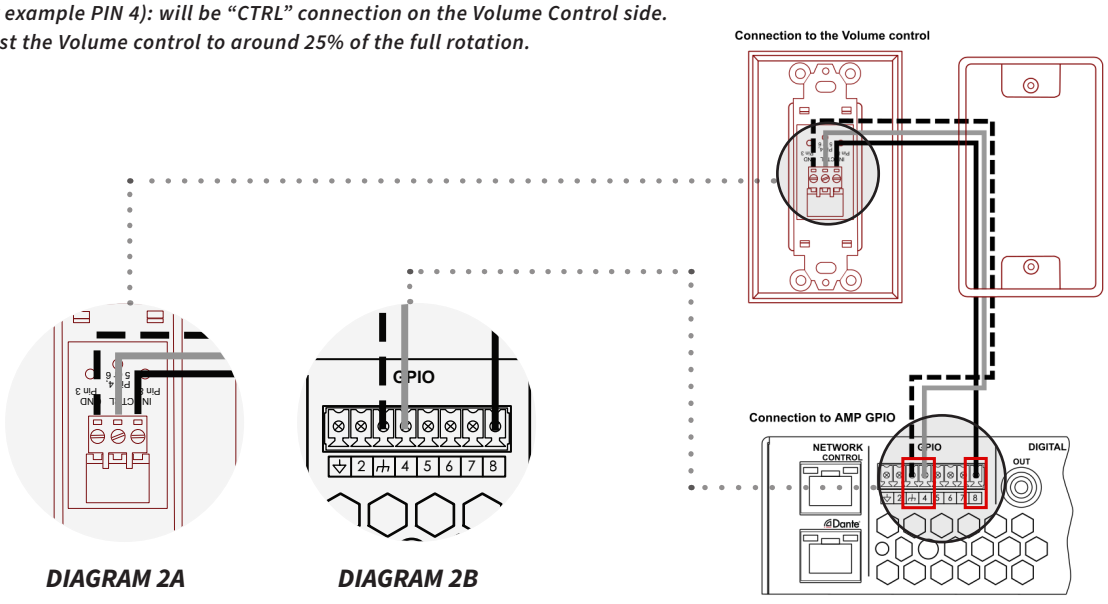
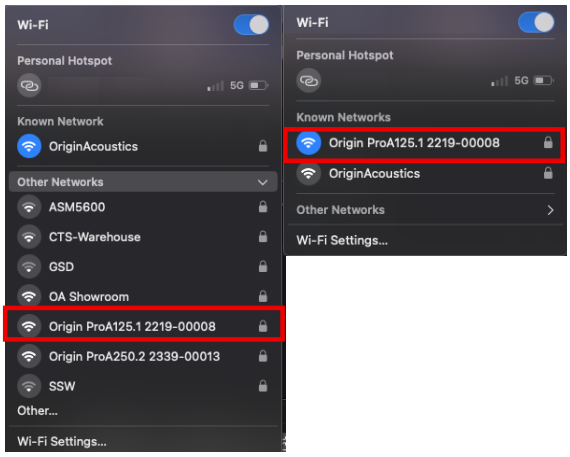


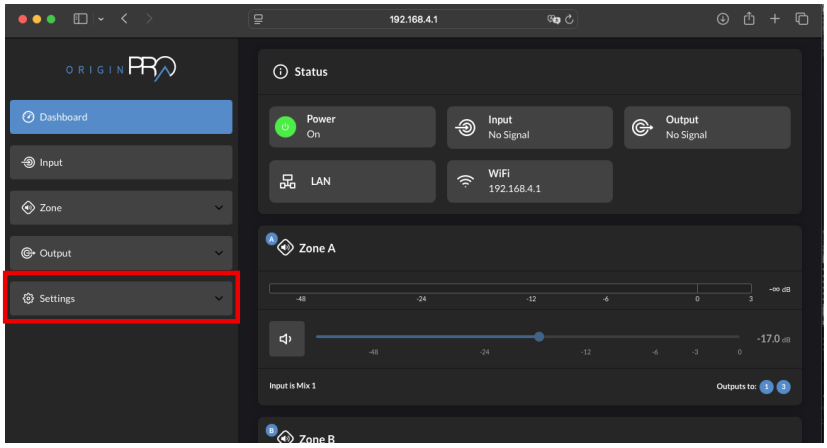
DIAGRAM 2A **DIAGRAM 2B**

E • Connecting the VCOAPROR to the Origin ProA Amplifier.

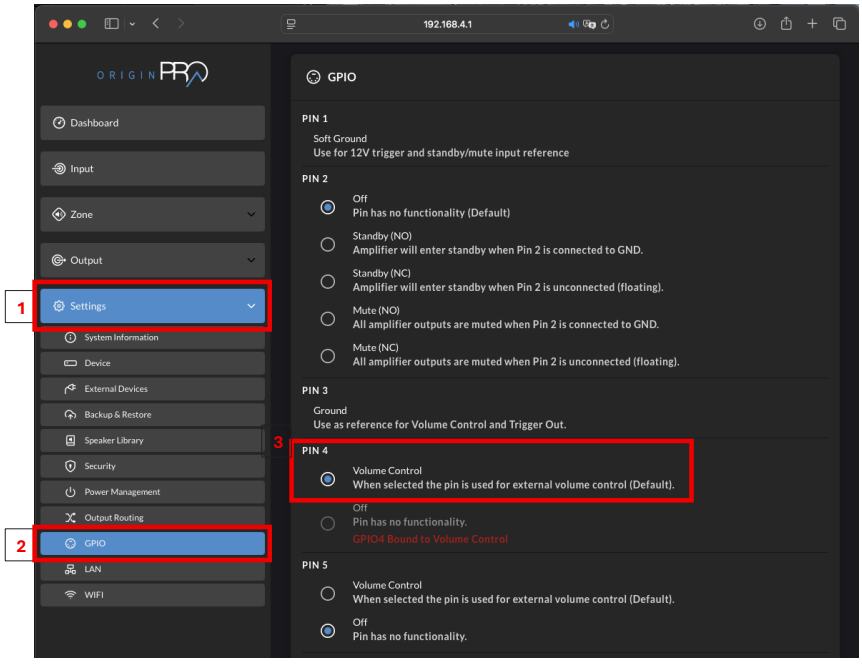
Connect AC power to the ProA amplifier and using Wi-Fi find your amplifier (Model and SN), when prompted add the "password" so you connect to it



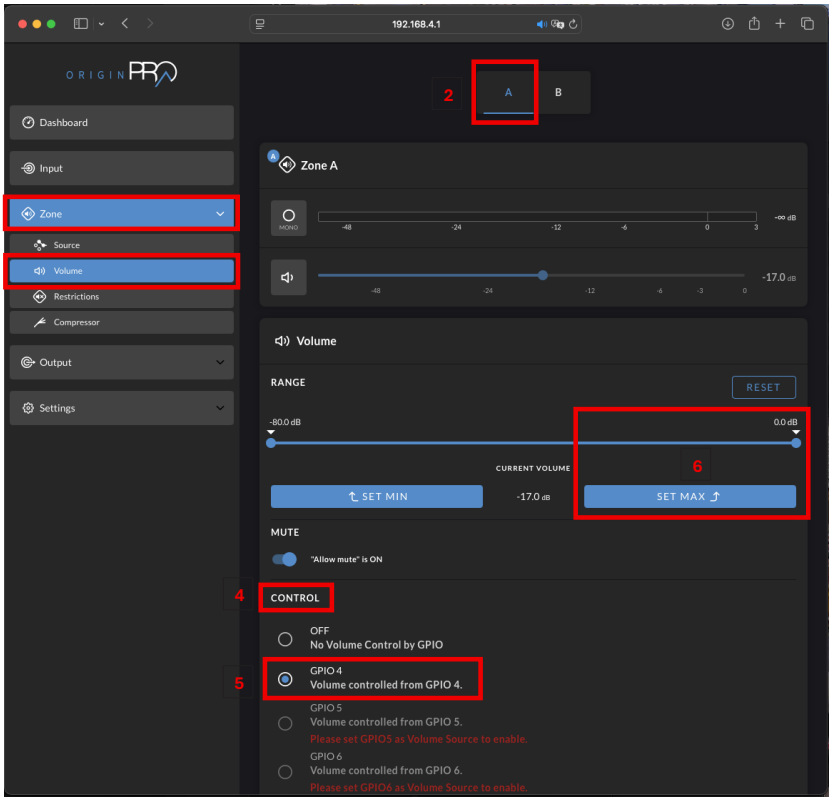
Open Web browser and type in 192.168.4.1, once the Amp GUI loads Press the up "Settings" tab



On the Settings: (1) options select "GPIO" (2) and select the PIN you are going to use for the Volume control, in below example PIN 4 (3) from the GPIO connector will be used to connected with the VCOAPROR,



Now go to the "Zone" option:
(1) to set up the Zone or Zone you would like for the Volume control to control, below steps are for "Zone A"
(2), from that "Zone" options select the "Volume" tab
(3) and on the "CONTROL" option
(4) select the GPIO that you are going to connect your Volume control (In our example we are using GPIO 4
(5), and if needed adjust the Max volume allowed from this Volume control
(6), if you are using a STEREO source, go to "Zone B" and do the same steps, that way the Volume control will also adjust the volume to the other speakers connected to "Zone B"



Congratulations! Now your VCOAPROR Volume control is set up and ready and can be use as soon as your speakers are connected and the audio signal is routed.