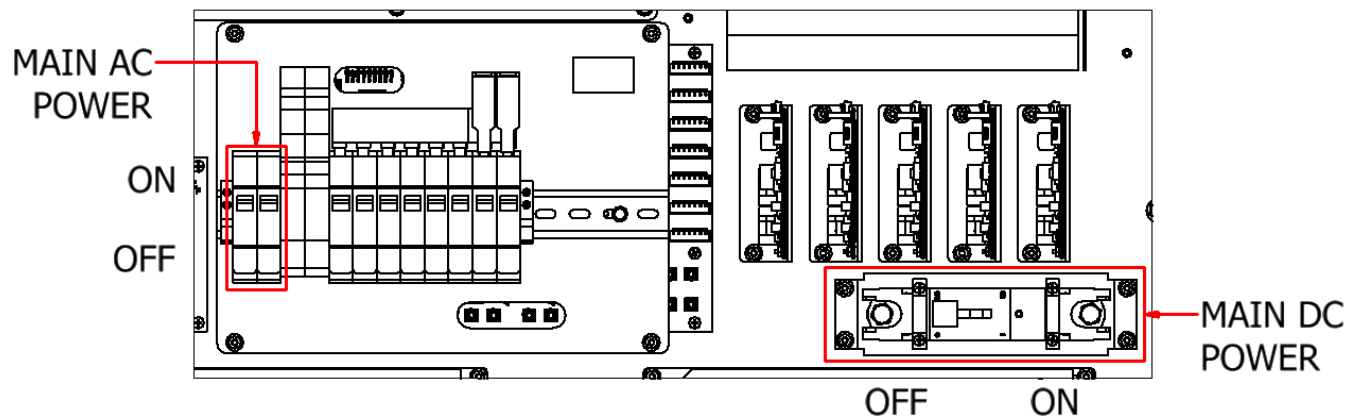


HyperSpike® Encompass Distributed Audio Input Accessory Kit

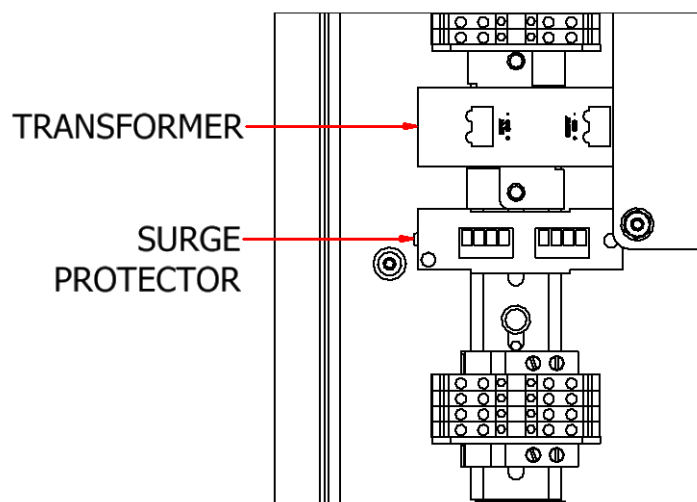
P/N: 72551B-801

The Distributed Audio Input Accessory Kit will allow your Encompass system to accept a 25V, 70V, or 100V audio signal input.

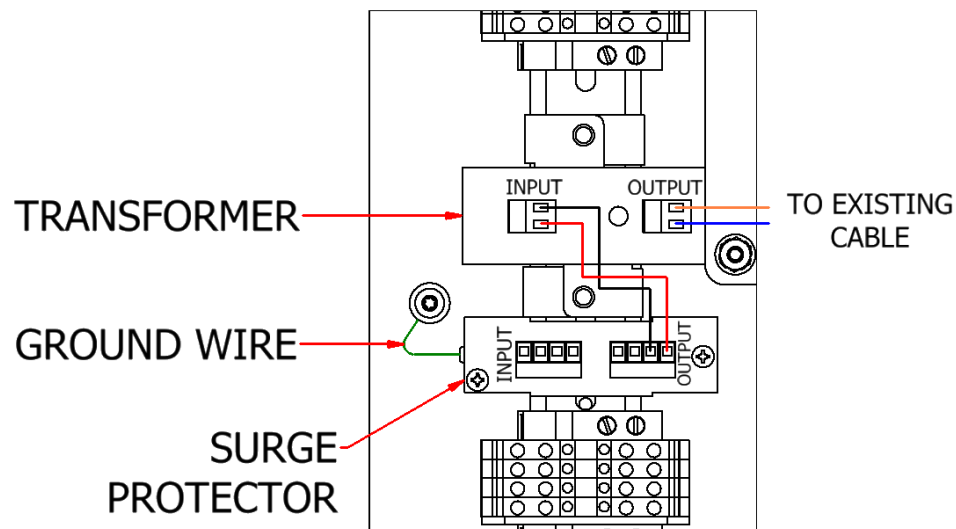
- 1) If your Encompass system is already hooked up to power, start by shutting off all power to the system. Switch the Main AC and DC circuit breakers to the OFF position.



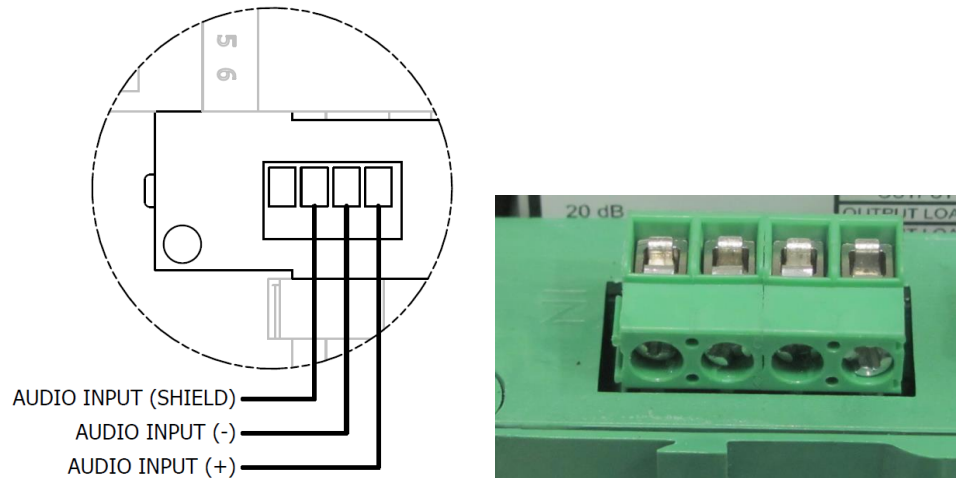
- 2) Locate the existing input components that will be replaced.



- 3) Unplug the 3-pin connector from the Transformer's output and leave the cable in the cabinet.
- 4) Disconnect the ground wire from the Surge Protector and remove the two screws that mount the Surge Protector to the DIN rail.
- 5) Loosen the two screws on the mount that holds the Transformer to the DIN rail.
- 6) Remove the existing Transformer and Surge Protector along with the cable between the two.
- 7) Attach the new Transformer to the included DIN Rail adaptor plate.
- 8) Install the new Transformer in the same position as the former. Orient the transformer with the OUTPUT plug on the right. Tighten the two screws on the mount to firmly secure the Transformer in place.
- 9) Install the new Surge Protector in the same position as the former. Orient so the ground screw is on the left. Tighten the two screws to firmly secure the Surge Protector in place.
- 10) Attach the ground wire to the new Surge Protector.
- 11) Install the included Red and Black cable assembly from the Input of the Transformer to the Output of the Surge Protector.
- 12) Install the included Orange and Blue cable from the Output of the Transformer to the end of the unplugged cable from Step 3.



- 13) Install the Analog Audio Input lines. The cable carrying a mono input signal should be a shielded, two-conductor cable with 18 – 22 AWG wire. Attach the cable according to the diagram below.



- 14) Apply 70 VRMS 1 kHz signal into audio input. Measure voltage out of isolation transformer at the terminals as shown below. Adjust knob until 1 VRMS is measured at output.



- 15) Finish hooking up power and powering up according to the Encompass Installation and Maintenance Manual.



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