PHASE® TECH

OS-440 | WATER-RESISTANT PARTS GUIDE

Rev 7.1.2018

OS-440 | WATER-RESISTANT PARTS GUIDE

Notes:

The OS-440 is IP44 certified only when the Water Resistant Parts are properly installed. When these parts are properly installed, the OS-440 is protected from rain and water splashing from any direction. The OS-440 is not protected when partially submerged, completely submerged, or sprayed with pressurized water.

Optical and RCA inputs are not intended to be used in a permanent outdoor setting. Both optical and RCA inputs require a separate media source, which is more than likely not resistant to weather. For this reason, both the optical and RCA ports have been sealed.

Section 1: Preparing OS-440 Amplifier for Water-Resistant Parts

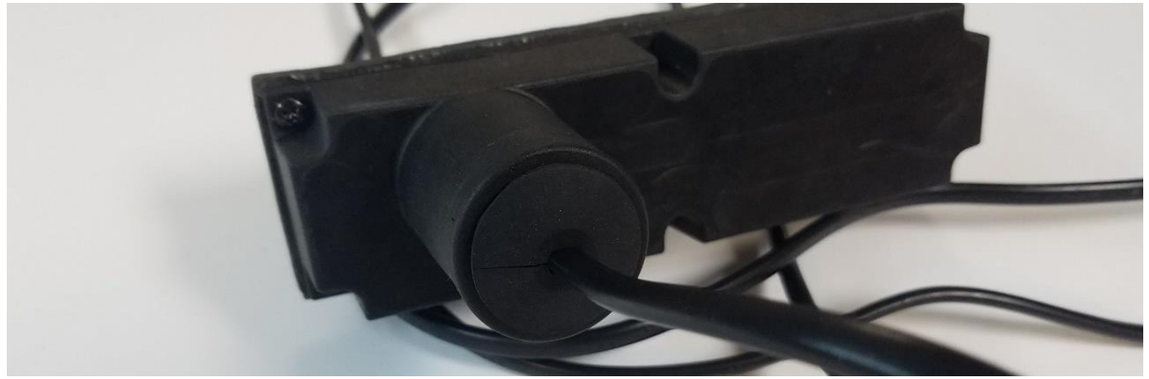
To prepare your OS-440 amplifier to receive the included water-resistant parts, first remove the screws in the corners of each end of the amp (8 in total) using a Philips Head screwdriver.

Section 2: Installing Power Cord and Water-Resistant Parts

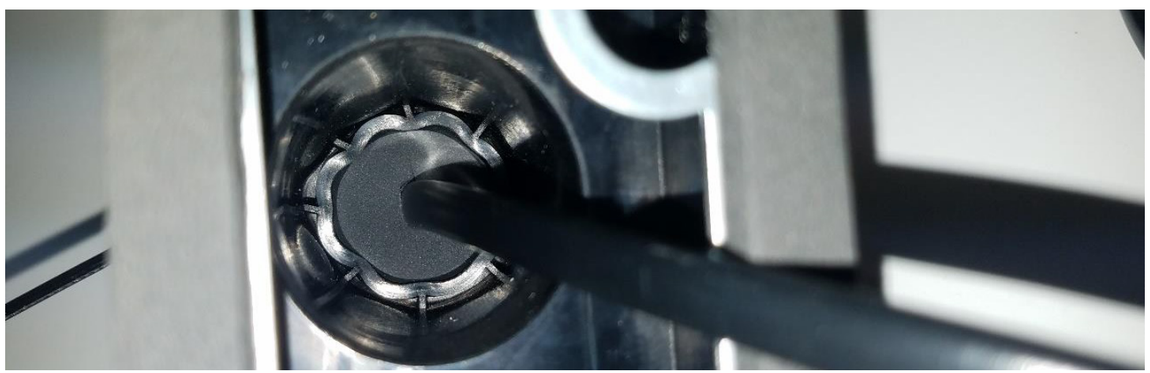
1. Now it is time to attach the water-resistant parts to your OS-440 with the power cord and speaker wires.

2. Using the rubber body with the single opening, fish the OS-440 power cord through and put the rubber plug around the cord near the opening. The plug may appear to be solid, but there is a seam that needs to be peeled open.

3. Now massage the rubber plug around the power cord into the opening in the rubber body. Use the OS-440 and approximately gauge the length of cord that is through to plug.



4. Use one of the supplied nylon zip ties and tighten the zip tie around the plugged opening. Tighten the zip tie to the point where the inside of the rubber body begins to deform and looks similar to the image below. Hold up to light to verify a good seal was formed.

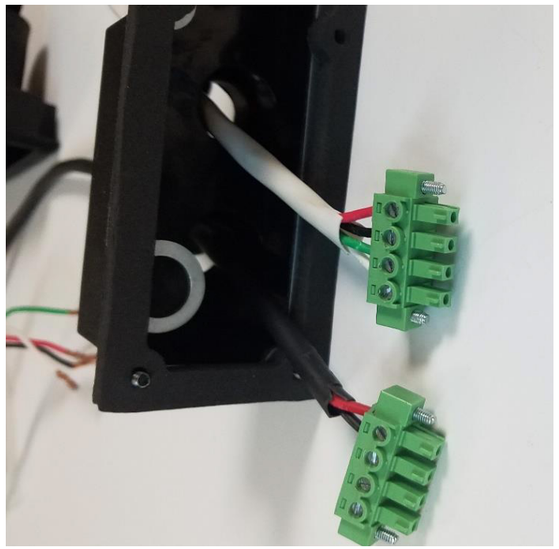


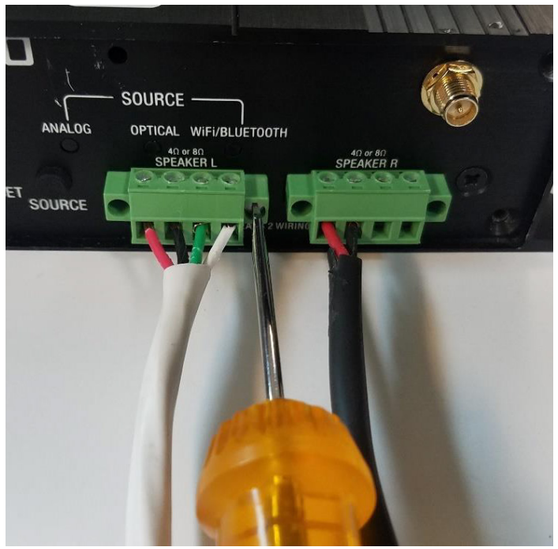
5. Plug the power cord into the OS-440, adjust the power cord length as needed. Secure the rubber body to the OS-440 by lining up the gasket over the outside edge of the OS-440 chassis and use the four (4) of the 7/16” long machine screws and evenly tighten each screw with a Philip’s head screwdriver to create a good seal. Retighten the zip tie until it indents the rubber.

Section 3: Installing L & R Speaker Wires and Water-Resistant Parts

1. Using the rubber body with multiple openings, fish your speaker cables through the opening. Next, choose the plug that best fits the speaker wire. There are two sizes with each kit. Typically, the 6.6mm is used for four (4) conductor cables and the 5.3mm is used for two (2) conductor cables, but sizes do vary and must be verified prior to installation to ensure a good seal. The plugs may appear to be solid, but there is a seam that needs to be peeled open.

2. Attach the provided Euroblock connectors to the speaker cables and then secure them to OS-440 using a small Flat Head screwdriver.

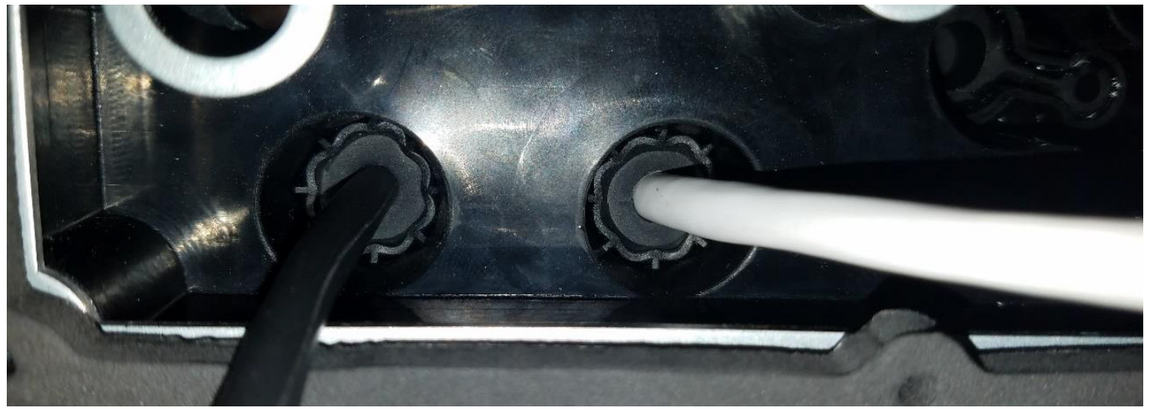




3. Now massage the rubber plugs around the speaker cables into the openings in the rubber body.

NOTE: When using only one (1) speaker output, the unused port is to be filled with a blank plug. The following steps in this section still apply.

4. Use two (2) of the supplied nylon zip ties and tighten each zip tie to the point where the inside of the rubber body begins to deform and looks similar to the image below. Hold up to light to verify a good seal was formed.



6. Carefully adjust the slack in each of the speaker cables so that they run straight out the ports. Speaker cables are not to be coiled up within the rubber body. Secure the rubber body to the OS-440 by lining up the gasket over the outside edge of the OS-440 chassis and use the four (4) provided ~1/2 inch machine screws and evenly tighten each screw with a Philip’s head screwdriver to create a good seal. Retighten the zip ties as needed until they indent the rubber.

7. Finally, push the WiFi/Bluetooth antennas through the holes and screw them in. The antennas will continue to rotate even after they are completely screwed on. Approximately 5 full rotations will do the trick.

NOTE: Optical and RCA inputs are not intended to be used in a permanent outdoor setting. Both optical and RCA inputs require a separate media source, which is more than likely not resistant to weather.

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