

The Amulet M Plus



The **Amulet M Plus™** has new features and to access these new features, remove the two screws on the sides of the preamp and remove the lid. Here you will find the new **Gain Trimmer** and **Phase Switch**.

The **Gain Trimmer** allows you to vary the overall gain of the preamp plus and minus 14dB. This allows you to set the output to precisely match your amplifier or signal chain, and also enables you to match output levels between multiple instruments. This trimmer, combined with the **Trim Control** located

between the two transducer inputs (see P.7 of your *Amulet M User Guide* for more info) gives a wide range of customizable adjustment.

When this **Gain Trimmer** is set to the center of its rotation, the output is the same as a standard Amulet M system. The gain increases as the trimmer is rotated clockwise, and decreases with counterclockwise rotation. Be careful not to force the trimmer past the built in mechanical stops at each end of the rotation.

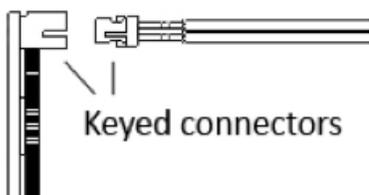
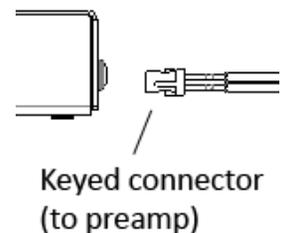


The **Phase Switch** is an internal slide switch that allows you to invert the phase of your signal, so you can perfectly match any additional pickups you might use with your instrument in a multi-system setup. This can also be used to help to increase gain before feedback in difficult monitoring situations.

Make sure when setting the **Phase Switch** that it is set completely to one side or the other. *If the switch is set in the middle, then there will be no output from the preamp.* When the switch is set to the **Down** position (towards the endpin jack) the output is in-phase, the same as a standard Amulet M system. Setting the switch in the **Up** position (towards the transducer input jacks) will set the preamp output out-of-phase.

The small **EXT Jack** on the side of the preamp is where the Battery Connector or the controls for the **M-V volume control** or **M-VT volume and tone controls** are connected. (NOTE : The battery connector and M-V/M-VT control cable that connects to the EXT Jack has a keyed design so that it only plugs in correctly with the plug oriented in

ONE DIRECTION. If you look at the side of the small black plugs on the connector cable, you will see a small ridge on either side of the plug, closer to one side than the other. If you look closely at the connector (either the EXT jack or the connector on the soundhole thumbwheel controls) that it plugs into, you'll see a slot cut into each side, that will mate with the ridges on the connector, but **ONLY WHEN IT IS PLUGGED IN CORRECTLY.** This is called a polarized connector, and it ensures that all of the cable wires get hooked up correctly during installation. Make sure the two are lined up correctly, and don't try to force the plug in. If it won't go, this would be the probable reason!



Plug the cable into the keyed EXT jack, paying attention to the orientation. Gently make sure the plug is inserted as far as it will go (the rear of it should be about even with the outside of the preamp), then insert the cable into the clip on the side of the preamp, leaving a small loop of wire (as shown on P.14 of the *Amulet M User Guide*). This ensures that any cable tension will not pull or wiggle the plug loose from the connector, which can cause intermittent (or no) operation of the system. (See P. 11-13 of the *Amulet M User Guide* for additional info)