

Dual Preamp Module - Pickup/Pickup

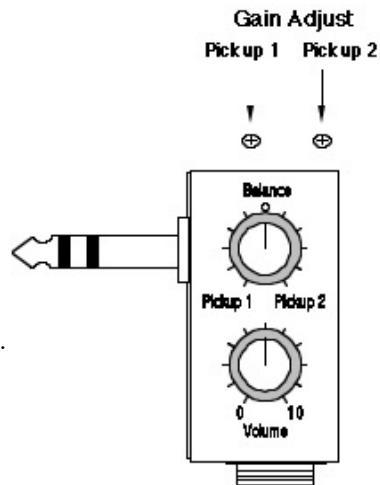
Operating Instructions

Specifications

Pickup 1 Input: Tip connection on the 1/4" stereo input plug.
Input impedance: 10 M Ω , unbalanced
Gain Adj: Unity to +20 db

Pickup 2 Input: Ring connection on the 1/4" stereo input plug.
Input impedance: 10 M Ω , unbalanced
Gain Adj: Unity to +20 db

Controls: Balance (Pickup 1/ Pickup 2), Volume



Hookup

The Pickup/Pickup Dual Preamp Module is designed to work on instruments equipped with a 1/4" stereo endpin jack. A Piezo or Magnetic pickup is wired to the 'Tip' and ground, and another Piezo or Magnetic pickup is wired to the 'Ring' connection and ground. To avoid hum problems, Make sure the connections to the endpin jack on the inside of the instrument are properly shielded, either with a grounded metal foil wrapped over the insulated tip and ring connections, or by using a screw-on metal cap.

Connect the 3 pin mini-connector end of the cable to the Preamp Module. Connect the two XLR connectors to two phantom-powered inputs on your mixer. Switch on the phantom power on the mixer, and adjust the input trim (sensitivity) controls for each channel are set for low gain to prevent overload. In some cases, on some mixers, it may be necessary to use the input pad on the input channel.

Setting the Gain Adjustment Trimpots

The two trimpots on the top of the module allow you to set the gain of each channel to match the two pickups you're using, and set the optimum balance of the two. Use a small, flat blade screwdriver, NOT a Phillips screwdriver. To avoid stripping the controls, do not overturn, or use excessive force.

- Turn up the channel level controls on the mixer to unity gain (0 db).
- Set the balance control on the module to the center position (12:00), and the Volume control all the way up. Strum your guitar as loud as the loudest you'll be playing. Set the gain adjustment trimpots low enough to prevent channel overload, and for what you feel is the optimum blend of the pickup and mic. Listen carefully for any signs of distortion, and reduce the gain with the trimpots if necessary.

Note: Setting the gain in this manner conveniently locates the ideal mix of pickup 1 and pickup 2 at the center position of the balance knob. From this position you can easily make changes in the blend by turning the balance control toward either the 'pickup 1' or 'pickup 2' ends of the control.