

Dual Preamp Module - Pickup/Mic

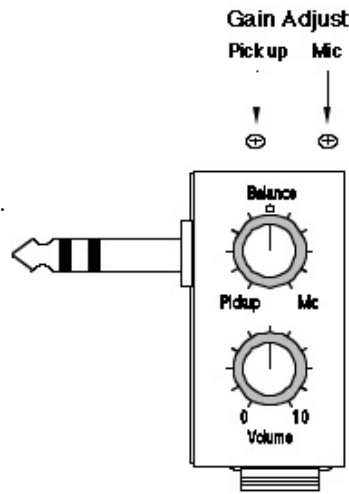
Operating Instructions

Specifications

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

Mic Input: Ring connection on the 1/4" stereo input plug.
Input impedance: 15k Ω , unbalanced, +9 vdc.
Gain Adj: Off to +20 db

Controls: Balance (Pickup/Mic), Volume



Hookup

The Pickup/Mic Dual Pickup Preamp Module is designed to work on instruments equipped with a 1/4" stereo Endpin jack. The Piezo or Magnetic pickup is wired to the 'Tip' and the Mini-mic is wired to the 'Ring' connection. The mic is used in the 'pigtail' configuration (without the mic's external electronics) and connected in a two-wire configuration: see the attached hookup diagram. 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 XLR connector to a phantom-powered inputs on your mixer. Switch on the phantom power on the mixer, and adjust the input trim (sensitivity) control for the mic channel 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 pickup and mic you're using, and set the optimum balance of the two. Use a small, flat blade screwdriver, NOT a Philllips 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.

Note: Setting the gain in this manner conveniently locates the ideal mix of pickup and mic 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' or 'mic' ends of the control.