

GIGPRO

USER'S GUIDE

L.R. Baggs

483 N. FRONTAGE RD.
NIPOMO, CA 93444
WWW.LRBAGGS.COM

CONTROLS

A. Treble: Use to add or subtract the highest frequencies or "presence".

B. Bass: Use to add or subtract the lower frequencies, add "warmth" or to cut feedback.

C. Trim: The Trim Control is a moveable 12dB/octave low cut filter that is adjustable from 27Hz to 200Hz. This filter customizes the effect of the bass control and makes it possible to boost the low end in the warmth region without adding excessive low bass. It is also useful to tame excessive low end from mini-mics and dance club sub-woofers.

D. Volume Control: Unlike gain, whose adjustment will affect the character and personality of the sound, the volume simply controls the amount of the signal that gets out of the box. The Gigpro will likely be the quietest thing in your signal chain. So for the best system signal to noise ratio, we recommend that you run the volume as high as you can without causing the P.A. to distort.

E. 1/4" Output: This is a regular unbalanced output for a standard mono cable. You can plug this into just about anything.

F. Invert: This control changes the polarity of the signal. When the button is out, the output will be in phase with the input signal. Phase affects the way the guitar top is pressurized by the speakers. When the guitar top and speaker are out of phase with each other, low-end feedback will occur.

G. Battery Status LED: The battery status LED remains on at all times when the unit is plugged in. As the battery weakens the light will gradually dim. When it becomes difficult to see, replace the battery.

H. Battery Compartment: To change your battery, remove the two screws adjacent to the belt clip using a screwdriver or a dime. Slide the preamp out of the housing and replace the battery.

I. Phantom Power Switch: If you are using a mini-mic that requires phantom power, open the Gigpro as described above. The phantom power switch is adjacent to the input jack. Caution: Do not use phantom power with anything other than a mini-mic or a device that specifically requires it. Damage may occur!

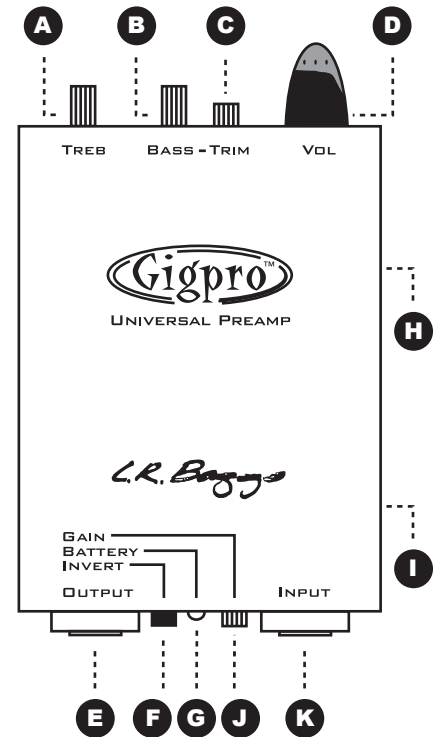
J. Gain Control: See below.

K. 1/4" Input: This is a regular unbalanced input for a standard mono cable.

SETTING THE GAIN

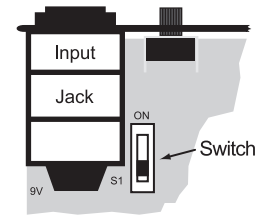
Gain is not volume. Gain is the amount of amplification that is applied to an input signal to boost it to a useful level. To accommodate a wide range of pickups, active devices and such, the Gigpro has adjustable gain. The idea is to adjust the gain to find a window between hiss and distortion. For instance, if you are using a low output passive pickup such as the Ribbon Transducer, and you fail to turn the gain way up, you will need to turn the PA up so high to hear the pickup that there will be a lot of hiss. Conversely, if you plug in a high output active pickup and do not turn the gain way down, there will be massive distortion. The Gigpro is so quiet that the gain window is fairly wide. But there is a smaller "sweet spot" within it.

Here's how to find it: With your Gigpro plugged into your P.A. and your pickup or device plugged into it, play your instrument very hard. Turn the gain trim up (clockwise) slowly while playing until you begin to hear some distortion, then back the gain off (counter-clockwise) until the distortion just disappears. This setting will be both the richest sounding and the most quiet. Once you have determined your preferred setting, we recommend that you leave the gain control alone. Do not use the gain control as a volume control. Using it in this manner will vary the character of your sound as you adjust it up and down.



USING PHANTOM POWER

It is imperative that the phantom power switch be in the off position when using any pickup or device that is not specifically designed to be used with phantom power. Having the phantom power on inappropriately will result in a thin and weak pickup sound. If your non-phantom-powerable pickup sounds wimpy, be sure that the Gigpro's phantom power switch is off.



SPECIFICATIONS

Size: 4.75 x 2.85 x 1.25

Weight (with battery): 6.6 oz.

Battery Type: Single 9V

Power Consumption: 1.6mA

Battery Life: 300+ Hours

Class: Pure Class A all discrete

EQ: Passive

Treb: +/- 6dB @ 7kHz

Bass: +/- 6dB @ 80Hz

Low Cut: +/- 6dB @ 80Hz

(adjustable) 27Hz to 200Hz

Gain: +6dB to +28d

Signal-To-Noise: -90dB, 27Hz-20kHz unweighted

Input Impedance: 10 Megohms

Output Impedance: 800 Ohms