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PowerMix PURE XT

Thank you for purchasing the *PowerMix Pure XT System*. This system consists of the finest components available and will provide you the very best and most versatile acoustic guitar sound reproduction and amplification.

Preparation and Pickup Installation:

- Please familiarize yourself with the supplied installation manuals for the *FanTaStick* undersaddle transducer and the *Pure* bridgeplate pickups.
- First install the *FanTaStick* undersaddle transducer following the corresponding manual.
- Install the *Pure* bridgeplate pickups following the supplied installation instructions.
- After you completed the installation of the *FanTaStick* in the saddle slot, solder the supplied RCA plug to the *FanTaStick*'s cable end. The inner wire to the tip and outer shield to the ground terminal.

Connecting and Securing the System Inside your Guitar:

- Plug the male RCA connector of the *FanTaStick* into its female counterpart on the wire from the endpin jack and secure the connectors to a brace using the attached Dual lock fastener.
- Secure the cables inside the guitar with duct tape or similar.

Dual Channel Pro Preamp description:

- The *Dual Channel Pro Preamp* features 3 band EQ plus a gain control for each individual channel. These controls are called "trim pots" and are located inside the preamp. Channel 1 - *Pure*, Ch. 2 - *FanTaStick*.
- First, please install a new 9-volt battery.
- Open the access screw on the side of the preamp and remove the lid to access the battery compartment and the EQ trimmers. The trimmers can be turned with the small screwdriver with the Velcro handle, which is located inside the preamp box. A description diagram is located on the inside of the lid.
- The EQ trimmers are in linear position (no cut or boost) when the white arrow points to a center position. Please keep in mind that the midrange trimmers, compared to bass and treble trimmers, are mounted with 90-degree clockwise orientation.
- The **gain** trimmers set the degree of pre-amplification on the input of the circuit. They act like volume controls but if they are set too high, distortion may occur. NOTE: the lowest (counterclockwise) setting does not shut the channel off. It is the lowest available gain setting. Use these gain trimmers to balance the two channels in a way that allows you for properly mixing them on the volume control element with the two volume controls on the outside of the preamp. We recommend to set the gain trimmers in a way that allows you to turn both volume controls to a full volume and have each channels on your maximum desired volume at once. From there you can blend the two channels in any way you desire.
- We factory preset these trimmers, but this setting will most likely not be the perfect setting for your guitar. Please feel free to adjust the EQ and gain trimmers in any way you like. **Tip:** Keep written records of the settings you like, just in case.
- The preamp's EQ and gain is supposed to be set to fit your guitar and your style. Once you found your settings, it is very likely that you never have to touch the controls again. Use the EQ on your amp or PA to compensate for different room acoustics.
- Please follow the Input/Output options printed on the label of the preamp. NOTE: if you use the individual outputs you **have to** plug a cable into the Main/Mix Out in order power up the preamp.
- **Please unplug the output cable to switch OFF the battery** whenever you do not use the preamp. Battery life is about 50-60 hours.