



## DOCTOR Q

**Congratulations! You have just purchased the DOCTOR Q, the classic envelope funk box. Exactly the same as the original DOCTOR Q, but in a more compact package.**

### -CONTROLS-

**RANGE CONTROL**— Controls the frequency range in which the filter moves. The DOCTOR Q responds to your picking dynamics. Depending on your guitar volume control, the DOCTOR Q's RANGE control and how hard you pick, different wah-like effects will be produced. The range of the filter is determined by the interaction of instrument volume and the RANGE control. Both stronger attacks and higher (clockwise) control settings increase the sweep range. Low volume and low RANGE settings will create little or no sweep.

**BASS SWITCH** — When in the up position allows more low frequencies to pass. Use to boost lower frequencies when the DOCTOR Q is set to create little or no filter sweep.

**FOOTSWITCH** – Selects whether the DOCTOR Q is engaged or in True Bypass. The corresponding LED will be lit when the pedal is engaged, and dark when True Bypassed.

### -OPERATION AND WARNINGS-

Power, from the internal 9-volt battery or external battery eliminator, is activated by plugging into the input. The input cable should be removed when the unit is not in use to avoid running down the battery. The input impedance presented at the Input Jack is 47 kohms. The output impedance at the Output Jack is 47 ohms.

The barrel connector on the front of the DOCTOR Q is for a 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-

volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.

To change the 9-volt battery, you must remove the 4 screws on the bottom of the DOCTOR Q. Once the screws are removed, you can take off the bottom plate and change the battery. Please do not touch the circuit board while the bottom plate is off or you may damage a component.

The optional 9V power supply from Electro-Harmonix is **US96DC-200BI** (same as used by Boss™ & Ibanez™) **9.6 volts/DC 200ma**. The barrel connector on the front of the DOCTOR Q is for the 9-volt battery eliminator capable of delivering 100 mA of current. The inner ring of the 9-volt battery eliminator must be negative, the outer ring positive. The unit's battery may be left in or taken out when the eliminator is in use.