



# NANO CLONE

## Full Chorus

**Congratulations on your purchase of the Electro Harmonix Nano Clone. The Nano Clone is a compact battery operated Chorus device that features a RATE control allowing you to change the speed of the Chorus.**

To produce the Chorus effect, the Nano Clone bends the frequency slightly from the input source and mixes this altered signal with some direct unaffected signal. The combination produces a doubling effect.

### - OPERATING INSTRUCTIONS -

Connect your instrument to the INPUT jack. Connect your amplifier to the AMP jack. Please note that whenever a plug is inserted into the INPUT jack, the Nano Clone is ON and it is draining current from the battery.

The RATE knob controls the speed of the chorus effect. Turning the RATE knob clockwise increases the rate of the chorus.

The red LED will light up when the Nano Clone is in effect mode. When in True Bypass mode, the LED will be off. Use the FOOTSWITCH to toggle between effect and True Bypass mode.

### - POWER -

Power from the internal 9-volt battery is activated by plugging into the INPUT jack. The input cable should be removed when the unit is not in use to avoid running down the battery. If a battery eliminator is used, the Nano Clone will be powered up as long as a wall-wart is plugged into the wall.

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 Nano Clone 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.

**PLEASE NOTE:** If the Nano Clone is connected to other effects pedals it will not work with the same battery eliminator that is daisy chained to the other pedals. The Nano Clone works off of a negative power supply and therefore either needs its own battery eliminator or should be run off the battery. If you do daisy chain your battery eliminator to the Nano Clone, all of the pedals on that daisy chain will power down, including the Nano Clone. If this happens, immediately remove the Nano Clone and give the Nano Clone its own power supply, otherwise you risk damaging the Nano Clone, your other pedals or the battery eliminator. Do not daisy chain the battery eliminator for the Nano Clone with any other Electro-Harmonix pedals *except* for the EH Muff Overdrive pedal.

To change the 9-volt battery, you must remove the 4 screws on the bottom of the Nano Clone. 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 risk damaging a component.

The input impedance presented at the Input Jack is 300 kohms. The output impedance at the Output Jack is 600 ohms.