

QUAD CHORUS

O P E R A T I N G
I N S T R U C T I O N S



D I G I T A L
E F F E C T S
P E D A L

INTRODUCTION

Congratulations on purchasing a Trace Elliot Quad Chorus.

This unit is a versatile pedal with two completely independent high quality digital chorus effects built in. In stereo mode, the signal path is true stereo throughout, with a separate processor for each channel. This enables a different rate of chorus for the left and right outputs, for example, to create a richer sound without any periodic “cycling” typical of some cheaper units. Furthermore, in stereo mode the unit can be used with two instruments; each instrument can have it’s own chorus effect and dedicated output. This facility is also useful when bi-amping a bass rig where you would want a slower chorus on the low frequencies than on the high.

In quad mode, the two chorus units are cascaded in series, with the output of chorus one feeding into the input of chorus two. This mode provides a rich, heavily textured sound that creates a dramatic effect, especially when run in stereo. In quad mode, only input one is used as both chorus processors are used on the same signal for greater depth of effect.



Inputs and Outputs

Two inputs on the left hand side of the pedal. If you are only intending to use the pedal with one signal source, connect this to input one. Both inputs are high impedance and are suitable for all forms of electric or acoustic guitar, bass or keyboards. the maximum signal level that can be accepted before clipping occurs is 1Vrms (+2.2dBu). A clip LED is provided beside each input to inform you that the maximum input level has been exceeded.

This is unlikely to light when used with passive instruments, but many guitars with an onboard powered pre amp may produce levels that are too high for the unit. If either LED light more than occasionally, reduce the signal level driving into the pedal.

Two out puts are provided: left and right. These are low impedance outputs and will be able to drive all line level inputs. The Quad chorus unit has unity gain: signal levels at the same as those at the input.

When using the unit in mono, take the output from the first output socket and switch the pedal into QUAD mode.

Low Frequency Oscillators (LFO's)

The control for he LFO's is by means of a simple rate knob for each chorus unit. Calibrated so that as the rate is decreased, the depth of chorus is correspondingly increased - this was found to be the most natural method of control as the chorus sounds best when slow and deep or when fast but with less intensity.

The two footswitches activate the two chorus processors in the unit: an LED adjacent to the rate control illuminated when that chorus is ON.

Power Supply

A high current regulated power supply has been included with your Quad Chorus pedal. Due to the amount of power this unit consumes, it is inappropriate to run the pedal on batteries. Please ensure that the power supply is set to 18V DC output and that the polarity of the output is set as follows:



N.B. this PSU can power up to ten Trace Elliot foot pedals!