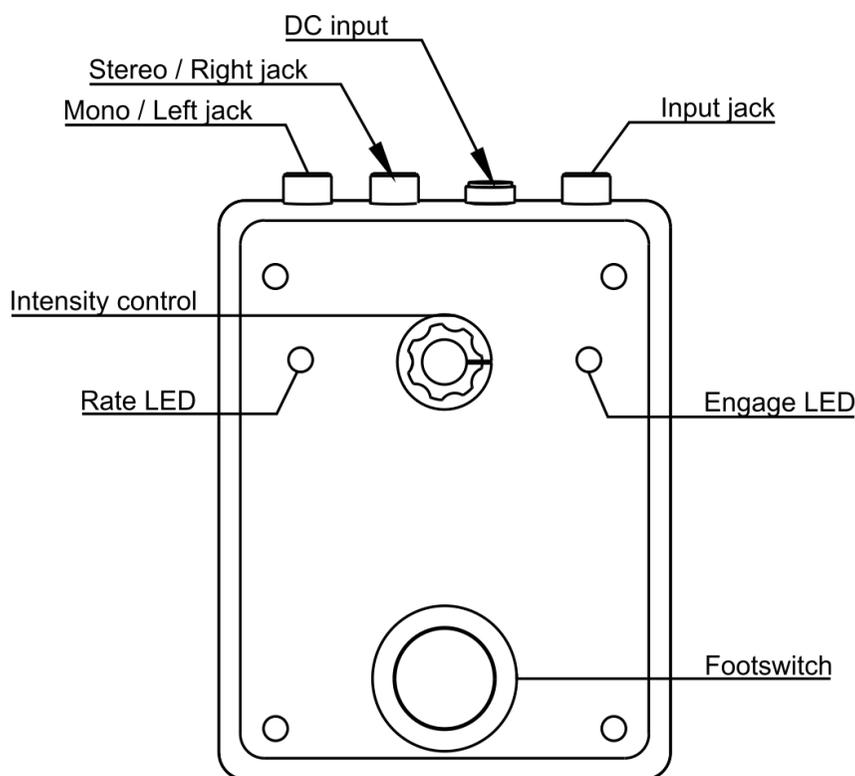




TYPE ONE instructions



DC input

The Type One must be powered by a 2.1mm, centre negative power supply, capable of delivering 100mA of current. The unit will work at any voltage between 9 and 12 volts, but ideally you'd power it with 12 volts. At 9 volts there is less clean headroom, or the unit distorts earlier. A good quality, linear power supply is also highly recommended, and we don't recommend daisy chain cables. They can cause buzzes and hums.

Input jack

Input and output jacks are all high quality ¼" / 6.35mm. Plug your guitar / synth / theremin in here.

Mono / Left jack

If you are using the pedal monaurally (one amp, or into more pedals) plug the output cable in here. This will mix the dry (unaffected) and wet (affected) signals together ensuring a shimmering chorus tone. If you are using the pedal with two amps, plug in the amp to which you plan to feed the dry signal here.

Stereo / Right jack

This jack outputs the wet, or affected signal.

Rate LED

This LED shows the rate of the effect. When bypassed, the LED is duller, and 'winks'. When the effect is engaged, the LED is brighter, and smoothly fades in and out.

Engage LED

When the LED is on, the pedal is engaged, and the effect is on. When the LED is off, the effect is bypassed.

Footswitch

The footswitch toggles the effect on and off as standard. You can change this by holding down the footswitch when powering up the effect. Now the effect will only be on when the footswitch is held down. Go back to the standard mode by removing the power, and plugging it in again.

Horrothia Type One specifications

Input impedance: 1Mohms

Output impedance: 600 ohms

Power supply: 2.1mm / 5.5mm, centre negative barrel.

Current draw: 85mA

Modulation speed: 380ms - 2.4s

Some thoughts...

- Lots of thought has gone into designing the Type One to accept high signal levels, ie humbucker guitars and line level signals. The highest signal level before distortion (and it's fairly graceful...) is around 1.2V RMS (3.3V peak to peak) or +4dBu
- Use high quality, low impedance, low capacitance guitar cables with a braided screen for optimum signal to noise and most uncoloured / transparent tone. We use Sommer SC-Spirit LLX to test.
- High quality parts are used throughout. The DC jack is mounted to the case rather than the main PCB for stability and long life. PCBs are high quality, with an immersion gold finish for long life and to give high quality, low resistance solder joints.
- Like any pedals that have two outputs for separate amps, please be aware that those two amp grounds may not be at the same ground potential. By plugging in two outputs from a pedal into those two amps, you are creating a link between the grounds which shows itself as buzzzzzzzz or hummmmmm. Use a quality transformer isolator, such as the Art Cleanbox II if you encounter any hum. Never lift your amps mains ground connection.
- If you have any questions, please contact us at hello@horrothia.com.