



## DRONE RAINGER - USER MANUAL

Congratulations on buying the Drone Rainger! This is an innovative, digital delay-based tool to inspire music that's truly hypnotic and powerful.

### CONTROLS

#### Digital delay section (three knobs across the middle)

**Level;** This decides the amount of delay heard with the signal..

**Rate;** This decides the speed of the repeats (maximum time is about 1 sec).

**Repeat;** This decides the amount of feedback.

#### Input knobs

**Guitar In;** set your guitar level here.

**Drone In;** set your drone level here.

**'Overload' LED;** This shows when the guitar input signal is high enough to start the pedal overloading (best set to come on just occasionally). BTW nothing is harmed if it's on all the time.

#### Drone section (upper half of main panel)

**Pitch 1;** set this knob to the drone note you need. If turning Pitch 1 gives no change in the note, try panning Mix to the right or pressing the Mix/Pitch 2 footswitch.

**Fine Tune;** Adjust this knob to tune the pedal to the music you're playing along to. 12 o'clock is the closest to concert pitch.

**Pitch 2;** Set this knob to a second note that you need – maybe the note of a different section of the track you're playing, or a harmony or octave of Pitch 1, or very slightly out-of-tune with Pitch 1 to hear the 'beats' between them....

**Mix;** this changes the balance between the two drone notes.

#### Pushbuttons

**Interfere 1-2;** For the drones, this momentary footswitch decides between an overall tone down drop-and-rise, or a Pitch 2 only rise-and-fall.

**Dry guitar;** This button turns off the delay on the guitar.

## Footswitches

**ON/OFF;** This footswitch puts the Drone Rainger into the circuit, or bypasses it (with hard-wired true bypass).

**Mix/Pitch 2;** this footswitch toggles between however the Mix knob is set, and Pitch 2 on its own. This facility is probably most useful when Mix is panned hard right; then the Mix/Pitch 2 footswitch will give two distinct tones to alternate between.

**Interfere;** this momentary switch activates one of the two possible drone pitch changes.

### NOTE...

- Plug external 9v PSU's into the 'DC in' socket (centre earth, sleeve +9v)
- The Drone Rainger draws about 80mA
- It's not advised to tune your guitar to this pedal; there's a gentle chorus effect always in operation on the drones, so the drone pitch will be modulating slightly.
- At longer delay settings the repeats are liable to get noisier. This is quite usual, and we see it as a positive thing – adding texture to an already fascinating sound...
- Please email [david@raingerfx.com](mailto:david@raingerfx.com) to register your pedal, and let us know what instrument you play, and what sort of music – plus to comment or ask questions...