



Dr FREAKENSTEIN FUZZ DRFF-3 USER MANUAL

Congratulations on buying the Dr Freakenstein Fuzz DrFF-3! This is the most extreme distortion effect to emerge from the laboratory of Rainger FX, and we hope you have serious fun with it.

CONTROLS

Knifedswitch; Power to the unit is turned on by throwing the knife switch manually. (Do this before you start playing). In 'power off' (up) position no power is drawn from the battery.

OVERTONE; Turning this knob changes the harmonic overtone of the sound. The distortion circuit has a kind of inherent noise gate-type of effect built in to it, which means the unit is totally silent between notes.

VOLUME; This adjusts output volume, while the 'INPUT' meter monitors your input signal.

MOD.; This switches on a modulation control, which has the effect of moving the OVERTONE control backwards and forwards (this knob now controls modulation width).

RATE; This controls the MOD oscillator speed, its frequency shown by the flashing white and red meter backlights.

ON/OFF; This footswitch puts the Dr Freakenstein Fuzz into the circuit, or bypasses it (with hard-wired true bypass).

HI/LO; On the back panel, this pushbutton switch changes the effect from a low intensity to a high intensity overtone.

IGOR

Dr Freakenstein's assistant is Igor. It's a pressure-sensitive controller, which, when plugged into the IGOR OVERTONE input on the back panel, controls 'OVERTONE'. Or plug it into the IGOR MOD. RANGE input and Igor controls the bias of the modulation oscillator; the harder you press, the higher the range of the sweep (with the 'OVERTONE' knob now acting as low 'end-stop'). Use it with your foot or hand.

It has two pressure sensitivities; use it hard side up and it requires a firm press. Flip it over and use it rubber side up and it only needs a very light press to work – and can be used by hand this way. (Difference in sensitivities will be less noticeable if you're using it on a carpet instead of hard floor).

NOTE...

- **The unit works best with your guitar's volume up full, otherwise the noise gate kicks in too early and compromises the sustain.**

- Plug external 9v PSU's into the 'DC in' socket (centre earth, sleeve +9v)
- To preserve battery life when not using the effect just throw the knifeswitch off (no need to unplug your ¼" input jack). Then it's easy to see that you've turned the power off.
- To change the battery, unscrew the four screws on the underside panel.

If you have any comments or questions please do get in touch at www.raingerfx.com , where you can also find out about other Rainger FX products.

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