POWER

The Ring Worm can only be powered by the Dunlop ECB004 18-volt adapter or the DCB10 DC Brick power supply.

SPECIFICATIONS

INPUT IMPEDANCE	1 MΩ
OUTPUT IMPEDANCE	100 Ω
MAX INPUT LEVEL	0 dBV / +8 dBV
SIGNAL TO NOISE	> 77 dBA
FREQUENCY RANGE	30Hz to 4kHz
LFO MODES	Sine, Step Sine, Square, Random, Envelope
LFO RATE	0.1Hz to 20Hz
EXPRESSION PEDAL	10k Linear Pot
	Tip = Wiper, Ring = +5V, Sleeve = GND
BYPASS	True Hardwire Relay
CURRENT DRAW	70 mA
POWER REQUIREMENT	18 volts DC

FEATURES: Heavy-duty footswitch with quiet relay-based true hardwire, blue LED indicator, 5.5mm x 2.1mm power jack, super-duty 0.09" aluminum anodized chassis, high grade components, great tone and cool name.

Dunlop

LIVE TO PLAY LIVE®

92503010853revA

RING WORM™

RING MODULATOR

WAY HUGE® ELECTRONICS

WHE-606

Ring Worm Ring Modulator
instruction manual

Dial in some crazy freaked out madness!

The Ring Worm takes your guitar signal and multiplies it with an internal oscillator, resulting in their sum and difference frequencies for some maddeningly inharmonic and metallic tones. The FREQ knob determines the pitch of the internal oscillator while the BLEND knob controls the mix between the dry and the beautifully bizarre modulated signal.

The Ring Worm includes a Low Frequency Oscillator (LFO) that modulates the internal oscillator. WIDTH sets the range of the LFO's sweep. Turn WIDTH clockwise for a wide frequency sweep; turn full counterclockwise to turn off the LFO. RATE sets the speed of the LFO. The MODE knob selects between five different patterns. From left to right: Envelope follower responds to the volume of your playing. Random unpredictably jumps between seven different frequencies. Square wave bounces between two frequencies. Step sine sequences up and down through seven pitches. Sine wave smoothly moves between two pitches.

An internal switch allows you to match the Ring Worm with your instrument. Pull the switch down for low level instruments such as guitars and basses. Push the switch up for high output devices such as mixers, keyboards, and instruments with active pickups.

Sample Settings

MARIO THE PLUMMER

BLEND – 12:00
FREQ – 10 O'CLOCK
MODE – 6 O'CLOCK
WIDTH – 11 O'CLOCK
RATE – 2:30

THEY KILLED KENNY

BLEND – 12:00
FREQ – 1:30
MODE – 4 O'CLOCK
WIDTH – 7 O'CLOCK
RATE – 5 O'CLOCK

WAYOUT ELECTRIC PARADE

BLEND – 12:00
FREQ – 2 O'CLOCK
MODE – 5 O'CLOCK
WIDTH – 2 O'CLOCK
RATE – 5 O'CLOCK

BLEND – CONTROLS THE MIX OF MODULATED MADNESS WITH YOUR DRY SIGNAL

MODE – SELECTS LFO SHAPE

FREQUENCY – CONTROLS THE PITCH OF THE INTERNAL OSCILLATOR

OUT   +18VDC   EXP   IN

MODE

BLEND   FREQ

width   rate

RINGWORM
RING MODULATOR

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ELECTRONICS

WIDTH – CONTROLS THE RANGE OF THE LFO SWEEP

FOOTSWITCH – TOGGLES THE EFFECT ON / BYPASS (BLUE LED INDICATES EFFECT IS ON)

RATE – CONTROLS SPEED OF THE LOW FREQUENCY OSCILLATOR