

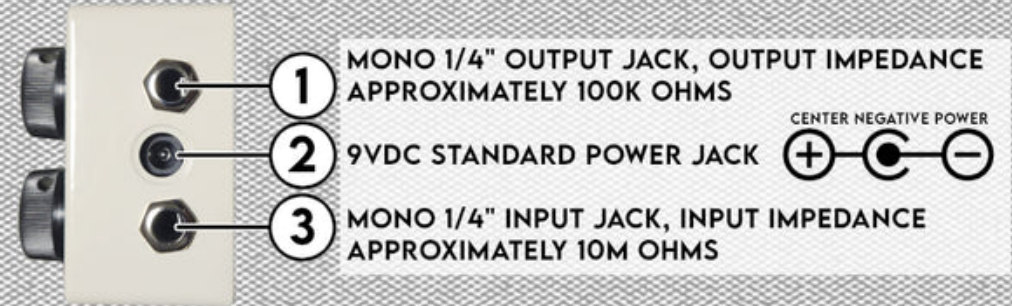
WAVE FUNCTION USER GUIDE


TEMPLO
DEVICES






THE **WAVE FUNCTION** IS AN OPTICAL TREMOLO THAT USES A PULSING LIGHT TO CONTROL THE VOLUME OF YOUR GUITAR SIGNAL. BY CHANGING THE PULSE YOU CAN ACHIEVE VARIOUS RHYTHMS AND EFFECTS. IT IS MONOPHONIC, POWERED BY STANDARD 9V PEDAL SUPPLY. THE "HALF" FOOTSWITCH CAN EITHER HALF OR DOUBLE THE TREMOLO SPEED, OR BY PUSHING THE LATCH SWITCH YOU CAN MOMENTARILY SLOW DOWN THE TREMOLO USING THE SAME FOOTSWITCH. ALL ANALOG CIRCUIT, BUFFERED BYPASS.

JACKS

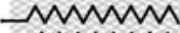
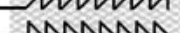



- ① MONO 1/4" OUTPUT JACK, OUTPUT IMPEDANCE APPROXIMATELY 100K OHMS
- ② 9VDC STANDARD POWER JACK  CENTER NEGATIVE POWER
- ③ MONO 1/4" INPUT JACK, INPUT IMPEDANCE APPROXIMATELY 10M OHMS

CONTROLS

- ④ — **SPEED CONTROL** AFFECTS FREQUENCY OF THE VOLUME OSCILLATION.
- ⑤ — **DEPTH** CONTROLS HOW SUBTLE THE VOLUME DROP IS. AT LOWEST DEPTH, THERE IS NO AUDIBLE EFFECT. AT MAXIMUM, THE TREMOLO IS EXTREMELY PRONOUNCED.
- ⑥ — **SYMMETRY** DETERMINES RATIO BETWEEN VOLUME ON AND VOLUME OFF
 - FULLY CLOCKWISE: MOSTLY ON 
 - MIDDLE: EQUALLY ON AS OFF 
 - COUNTER-CLOCKWISE: MOSTLY OFF 

SWITCHES

- ⑦ — THE **FOLLOW** SWITCH PAUSES THE TREMOLO EFFECT WHEN A HARD NOTE IS STRUCK AND AS THE NOTE FADES, THE TREMOLO RESUMES. THE SENSITIVITY IS DEPENDENT ON PICKUP TYPE AND INPUT VOLUME. PLACE A BOOST PEDAL BEFORE THE **WAVE FUNCTION** TO MAKE IT MORE SENSITIVE
- ⑧ — THE **WAVE SHAPE** SWITCH ALLOWS YOU TO SELECT BETWEEN A SQUARE AND A TRIANGLE WAVE.
- ⑨ — **RAMP** HAS THREE POSITIONS; IN THE CENTER POSITION THE WAVE IS SYMMETRICAL 
SWITCH TO THE LEFT, THE VOLUME FADES ON THEN ABRUPTLY TURNS OFF 
SWITCH TO THE RIGHT, THE VOLUME FADES OFF THEN ABRUPTLY TURNS ON 
- ⑩ — THE **HALF** FOOTSWITCH HAS TWO FUNCTIONS; WHEN IN **LATCH** MODE, IT DIVIDES THE **SPEED** IN HALF. IN **MOMENTARY** MODE, THE FOOTSWITCH SLOWLY FADES THE TREMOLO SPEED DOWN TO A CRAWL. WHEN RELEASED IT JUMPS QUICKLY BACK TO THE ORIGINAL SPEED.
- ⑪ — THE **LATCH** SWITCH DETERMINES THE FUNCTION OF THE **HALF** FOOTSWITCH. WHEN **LATCH** IS PRESSED DOWN, THE FOOTSWITCH IS IN **LATCH** MODE. WHEN UP, THE FOOTSWITCH IS IN **MOMENTARY** MODE
- ⑫ — THE **ON** FOOTSWITCH BYPASSES THE ENTIRE EFFECT, LEAVING YOUR ORIGINAL SIGNAL.

INDICATOR ⑬ — INDICATOR LIGHT DISPLAYS THE WAVE FUNCTION