



THANK YOU FOR CHOOSING INDUSTRIAELECTRIC. GENERATOR 7446 NEEDS TO BE POWERED WITH A 9VDC (NEGATIVE CENTER TIP) BOSS, ONE SPOT, ETC, STYLE ADAPTOR.

PLEASE VISIT: WWW.INDUSTRIAELECTRIC.COM AND SIGN UP FOR FREE AS A SUPPORTER BY CLICKING ON THE SUPPORTERS LINK. YOU WILL HAVE ACCESS TO ALL THE MANUALS AND PRESET SHEETS FOR ALL OF OUR MACHINES, AS WELL AS EXCLUSIVE MATERIAL WHEN IT'S RELEASED.

GENERATOR 7446

IF THE 4046-M AND OUR OLD SQUAREWAVE GENERATOR PEDALS HAD A CHILD, THAT CHILD WOULD BE NAMED GENERATOR 7446. IT'S KIND OF HARD TO EXPLAIN WHAT IT IS BUT WE CAN TRY... A THICK GATED AND MODULATING FILTERED FUZZ, SQUARE WAVE HARD TREMOLO, HYPER MODULATING RINGMOD WITH THREE DISTINCT (WAVE/PHASE MODES) AND A STABLE PLL SYNTH ALL CONTROLLABLE WITH A PASSIVE EXPRESSION PEDAL, MOOG EP3, ETC. ALSO CONTROLLABLE WITH YOUR FOOT OR HAND ON THE FRONT PANEL WITH A LDR (LIGHT DEPENDENT RESISTOR) THAT CAN SWEEP THROUGH ALL THE MODES AND SOUNDS. IT'S TRULY A WILD AND UNIQUE PEDAL.

CURRENT DRAW: 42 MA

CONTROLS

VOLUME:

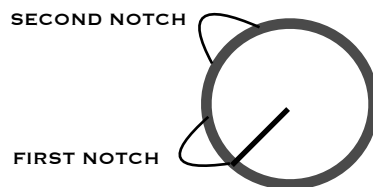
THE OVERALL OUTPUT OF THE CIRCUIT

SIGNAL STRENGTH:

THE OVERALL GAIN OF THE CIRCUIT

EXPANSE:

THE EXPANSE CONTROL IS THE KEY TO THIS PEDAL, IT IS CAPABLE OF A MASSIVE AMOUNT OF SOUNDS AND NEEDS TO BE TWEAKED VERY LIGHTLY TO FIND THE VERY NICE SWEET SPOTS. IT WORKS LIKE A NOTCHED CUTOFF KNOB, TURN VERY SLOWLY AND HEAR IT'S WIDE DUELLING RANGES AND UNIQUE SOUNDS. THE FIRST VERY SLIGHT TURN FROM 8-9 O'CLOCK UNLOCKS THE FIRST RANGE OF THE EXPANSE, THEN FROM 11-4 O'CLOCK UNLOCKS THE SECOND. THE BEST RANGE FOR ALL THE SOUNDS AND MODES IS BETWEEN 8-9 O'CLOCK, THIS IS ALSO THE RANGE THAT THE LDR IS MOST USEFUL AND ACTIVE, PLEASE TAKE THE TIME TO TWEAK AND FIND THE RANGES AND SOUNDS.



EXPANSE

SCOPE:

THE SCOPE KNOB USED IN CONJUNCTION WITH THE EXPANSE KNOB FURTHER OPENS UP THE RANGE OF SOUNDS, FILTERING, AND UNIQUE TONES IN THE CIRCUITS SPECTRUM.

WAVE PHASE:

THIS TOGGLE SWITCH IS A SECONDARY OR THIRD MODE WHEN USED WITH THE WAVE MODE BYPASS FOOTSWITCH. WITHOUT THE WAVE MODE FOOTSWITCH ENGAGED, IT'S A DIRTY SCRAMBLED BITCRUSHED FUZZ AND WITH THE WAVE MODE FOOTSWITCH ENGAGED, IT'S OPENS UP TO A FIERCE, SCREAMING, BITCRUSHED, DATA SCRAMBLING SYNTH SOUND.

THERE IS A VOLUME DROP WHEN IN WAVE PHASE MODE AND WHEN THE EXPANSE KNOB IS TURNED ALL THE WAY TO THE LEFT, IT MAY NOT BE ENGAGED UNTIL YOU TURN THE KNOB SLIGHTLY TO THE RIGHT. THIS IS THE NORMAL OPERATION OF THE PEDAL AND THE SIDE EFFECT OF THE UNIQUE SOUNDS AND CIRCUIT!

INTERACT:

THIS TOGGLE SWITCH ENGAGES THE LDR (LIGHT DEPENDENT RESISTOR THAT'S TUCKED INTO THE CHROME BEZEL BETWEEN THE TWO FOOTSWITCHES, IT'S DIRECTLY CONNECTED TO THE EXPANSE KNOB. THIS ACTS AS A MANUAL EXPRESSION CONTROL THAT CAN BE USED TO SWEEP THROUGH ALL THE MODES AND SOUNDS OF THE CIRCUIT USING YOUR FOOT OR HAND. THE MORE LIGHT THAT HITS THE LDR, THE MORE THE EXPANSE KNOB OPENS UP (TURNS RIGHT) THE LESS LIGHT THE MORE THE EXPANSE KNOB CLOSES (TURNS LEFT) IN ORDER FOR THE LDR TO BE IT'S MOST USEFUL AND RESPONSIVE, IT HAS TO BE ACTIVATED IN THE FIRST NOTCH RANGE. THE EXPANSE KNOB HAS TO BE TURNED INTO THIS RANGE TO FUNCTION EFFECTIVELY.

PULSER:

THIS TOGGLE SWITCH ENGAGES THE HARD SQUARE WAVE TREMOLO WHEN THE WAVE MODE FOOTSWITCH IS ENGAGED AND CAN RANGE FROM VERY SLOW TO AUDIO RANGE SPEEDS

WAVE MODE:

THIS FOOTSWITCH ENGAGES THE "HYPER MODULATING RINGMOD" A VERY UNIQUE AND EXTREME EFFECT. IT'S A FALLING AND RISING MODULATED SOUND WHEN YOU HOLD A SIGNLE NOTE ON A STRING AND LET IT RING OUT. IT'S ALSO THE FIRST "WAVE MODE" WHEN USING IT WITH THE WAVE PHASE TOGGLE SWITCH. SWEEPING THE EXPANSE KNOB IN WAVE MODE YEILDS SOME VERY GLITCHY AND MASSIVE SOUNDS

BYPASS:

THIS FOOTSWITCH IS THE OVERALL (TRUE BYPASS) OF THE PEDAL

CONNECTIONS:

INPUT:

THE INPUT JACK FOR THE PEDAL / CIRCUIT, THIS IS A TS (TIP / SLEEVE) MONO CONNECTOR

OUTPUT:

THE OUTPUT JACK FOR THE PEDAL / CIRCUIT, THIS IS A TS (TIP / SLEEVE) MONO CONNECTOR

CONTROL:

THIS IS A TRS (TIP / RING / SLEEVE) STEREO CONNECTOR FOR PASSIVE EXPRESSION PEDALS. **DO NOT** PUT A CV SIGNAL INTO THIS CONNECTOR AS IT WILL DAMAGE THE CIRCUIT! THIS IS ONLY FOR PASSIVE EXPRESSION PEDALS LIKE THE MOOG EP-3, ETC... THIS JACK IS CONNECTED DIRECTLY TO THE EXPANSE KNOB. IN ORDER FOR THE EXPRESSION CONTROL TO BE IT'S MOST USEFUL AND RESPONSIVE, IT HAS TO BE ACTIVATED IN THE FIRST NOTCH RANGE. THE EXPANSE KNOB HAS TO BE TURNED INTO THIS RANGE TO FUNCTION EFFECTIVELY.

9V:

THIS IS THE POWER CONNECTOR FOR A 9V (NEGATIVE TIP ADAPTOR) PLEASE MAKE SURE THAT IT IS A NEGATIVE TIP AS IT WILL DAMAGE THE CIRCUIT!

WARRANTY:

ALL INDUSTRIAL ELECTRIC DEVICES COME WITH A 1 YEAR WARRANTY, PARTS AND LABOUR. THE WARRANTY IS VOIDED IF THE DEVICE IS DAMAGED BY ACCIDENTALLY / INTENTIONALLY USING IMPROPER POWER SUPPLIES, PATCH CABLES (DAMAGING OR FRYING THE CIRCUIT) ACCIDENTAL / INTENTIONAL SPILLS (DAMAGING OR FRYING THE CIRCUIT WITH LIQUIDS) OR ACCIDENTAL / INTENTIONAL MISUSE AND ABUSE OF THE DEVICE AND CIRCUIT (PHYSICAL, FILTH, HEAT, COLD, MOISTURE, DIY OR TAMPERING)

IF THERE IS A PROBLEM WITHIN THE 1 YEAR WARRANTY, WE DO NOT COVER THE SHIPPING OF THE DEVICE BACK TO US BUT WE DO COVER THE PARTS, LABOUR AND SHIPPING OF THE DEVICE BACK TO YOU. AFTER THE 1 YEAR WARRANTY IF THERE IS A PROBLEM, SHIPPING BOTH WAYS IS NOT COVERED AND THERE WILL BE A PARTS AND LABOUR FEE FOR THE REPAIR.

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