



PLEASE READ!!!

THERMIONIC ACTUATOR INFO AND PRECAUTIONS

- THERMIONIC ACTUATOR NEEDS A SOLID 1,800MA - 2,000 MA TO OPERATE PROPERLY! PLEASE USE THE PROVIDED POWER SUPPLY WHICH RUNS ON WORLDWIDE POWER FROM 100V - 240V 50/60HZ. IT CAN RUN ON OTHER POWER SUPPLIES TOO, BUT NOT ALL WORK WITH IT! PLEASE ALLOW AT LEAST 30 SECONDS - 1 MINUTE TO WARMUP WHEN FIRST TURNED ON!!! WE HAVE FOUND THAT THE CARL MARTIN POWERJACK WORKS THE BEST.
- THE PEDAL DOES HAVE HUM AND NOISE, IT'S A HIGH GAIN, DUAL VACUUM TUBE, DUAL GERMANIUM TRANSISTOR OVERDRIVE/DISTORTION. EVERY EFFORT WAS MADE TO KEEP IT AS QUIET AS POSSIBLE, BUT WE HAD TO COMPROMISE SOMEWHERE TO GET ALL OF THE GAIN. THERE IS A GATED SWELL AND SILENCE WHEN THE PEDAL IS PLAYED AND THE AUDIO SOURCE STOPS, LIKE PLAYING POWER CHORDS ON A GUITAR AND THEN PALM MUTING QUICKLY. THERE IS ALSO BLEED THROUGH WHEN BYPASSED IF THE GAIN IS ALL THE WAY UP.
- PLEASE BE CAREFUL NOT TO GET ANY LIQUIDS OR DEBRIS INTO THE PEDAL AS THE VENTILATION GRILLS ARE OPEN AND EXPOSE THE CIRCUIT BOARD INSIDE!
- THE VENT+ SWITCH IS FOR CONNECTING POWER TO THE FAN AND IT TURNS ON WHEN BYPASSED AND OFF WHEN ENGAGED AUTOMATICALLY. WHEN THE FAN IS TURNED ON, IT CAN MAKE NOISE, ESPECIALLY WHEN CONNECTED TO OTHER HIGH GAIN PEDALS, AMPS, P.A.'S, ETC. IT IS USED TO COOL THE GERMANIUM TRANSISTORS FROM THE HEAT OF THE TUBES FROM TIME TO TIME. IF YOU NOTICE THE DISTORTION BECOMING A LITTLE MUSHY AFTER A WHILE, TURN ON THE VENTILATION AND LET IT COOL FOR 1 - 2 MINUTES BEFORE PLAYING AGAIN.
- WHEN THE PEDAL IS BYPASSED AND THE FUCK IT SWITCH IS ON, THERE IS A SLIGHT VOLUME DROP, THIS IS NORMAL. KEEP THE FUCK IT SWITCH OFF WHEN THE PEDAL IS BYPASSED TO RETAIN THE ORIGINAL TONE OF YOUR INCOMING SIGNAL.
- PLEASE BE CAREFUL WHEN ENGAGING THE FUCK IT SWITCH AS THE OVERALL OUTPUT CAN BE DRASTICALLY LOUDER!
- THE HIGH PASS FILTER IN THIS CIRCUIT IS PASSIVE AND WILL DECREASE THE VOLUME WHEN TURNED UP.