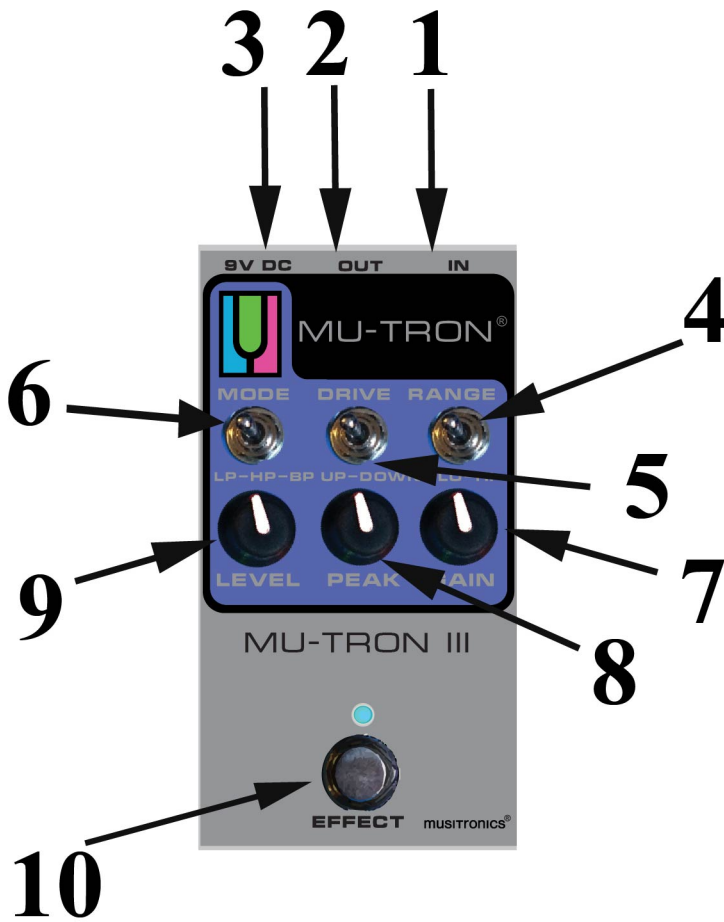


Mu-Tron III

Quick Start Guide



1. IN: A standard 1/4"(TS) input jack.

2. OUT: A standard 1/4"(TS) output jack sending a mono output signal to whatever comes next in your signal chain.

3. POWER: The MU-TRON III runs on a 9V DC power supply center negative, draw 25mA.

4. RANGE TOGGLE SWITCH:

- **LO:** Sets the filter sweep to a LOW range for most rhythm guitar, bass guitar, and lower fret uses.

- **HI:** Sets the filter sweep to a HIGH range for accentuating harmonics or for up-the-neck or solo work.

5. DRIVE SWITCH: determines drive direction.

- **UP:** Creates the classic, booo-wop sound.

- **DOWN:** Creates a more laser-like, pee-ooo sound.

6. MODE SWITCH:

- **LP (Lowpass Filter):** Passes all the signals BELOW the PEAK and attenuates signals above the peak.

- **BP (BandpassFilter):** Passes signals only NEAR the PEAK and attenuates signals below and above the peak.

7. GAIN: Controls the envelope of filter audio drive. This helps to adjust the sensitivity of the device to work with output impedance of the pickups in your instrument. A passive instrument with single coil pickups will require more gain than an instrument with active humbucker pickups. It will also depend on which combination of pickups are being utilized AND which other pedals are in the signal chain prior to the MU-TRON III. Ultimately, the filter should be easily manipulated by the touch of technique of the player.

8. PEAK: Controls the filter audio response or notch shape of the filter. The knob works in an inverse fashion - Turning the knob to the left (counterclockwise) will result in a very sharp curve, while turning the knob to the right (clockwise) will result in a mellower curve. Different mode/range combinations will require tweaking of this knob.

9. LEVEL: Controls the master output of the MU-TRON III. This should be used interactively with the GAIN and PEAK settings such that the effected sounded level matches the bypassed sound level. In some cases, this knob is useful for overdriving the pre-amplifier stage of a tube guitar amplifier.

10. EFFECT FOOTSWITCH: Determines whether the MU-TRON III effect is engaged or bypassed.

- EFFECT LED:

When the blue LED is OFF, the MU-TRON III effect is bypassed.

When the blue LED is ON, the MU-TRON III effect is engaged.

For more information on the MU-TRON III please visit mu-tron.com



Operating Instructions:

The Mu-Tron MU-TRON III is a modern day reincarnation of the legendary MU-TRON III. With the same circuit and a modern, internal power supply, this envelope filter offers a compact and reliable, “gigable” unit to your pedal board. Whether it’s guitar, bass, clavinet, or synths, the MU-TRON III will help you get the vintage funk out. “Bleed” By-Pas! - See internal settings to put unit into bleed bypass mode.

This allows the MU-TRON III to act as a clean boost when in bypass mode. This 2 for 1 functionality is a tone secret of one very renowned guitar player. The MU-TRON III sits well after clean boost and octave effects and before modulation, delay, and reverb. Overdrive and distortions may work well pre and post MU-TRON III and we encourage players to find the best combination for their taste in music and their style of playing. The MU-TRON III has the same quality, ruggedness, and reliability that makes Mu-Tron the first choice of professional musicians.

Sample Settings



Classic Goopy Lead



Disco Laser Beam

Internal Settings



True By-Pass (Factory)
- Modern, industry standard



“Bleed” By-Pass
- Original Mu-Tron III
- Gain stage active when filter effect is disengaged
- High headroom clean boost



Bias trimmer 9 o'clock
Master volume trimmer 3 o'clock
Red Opto-Mod

SAFETY INFORMATION

FOR YOUR PROTECTION, PLEASE READ THESE SAFETY INSTRUCTIONS COMPLETELY BEFORE OPERATING THE PRODUCT AND KEEP THIS MANUAL FOR FUTURE REFERENCE.

CAREFULLY OBSERVE ALL WARNINGS, PRECAUTIONS AND INSTRUCTIONS ON THE PRODUCT AND DESCRIBED IN THE OPERATING INSTRUCTIONS SUPPLIED WITH THE PRODUCT.

POWER SOURCE - CONNECT THE PRODUCT TO A POWER SUPPLY ONLY OF THE TYPE DESCRIBED IN THE OPERATING INSTRUCTIONS OR AS MARKED ON THE PRODUCT.

POWER-CORD PROTECTION - ROUTE THE POWER CORD SO THAT IT IS NOT LIKELY TO BE WALKED ON OR PINCHED BY HAVING OBJECTS PLACED ON IT, PAYING PARTICULAR ATTENTION TO THE PLUGS, RECEPTACLES, AND THE POINT WHERE THE CORD EXITS FROM THE PRODUCT.

WHEN NOT IN USE - UNPLUG THE POWER ADAPTER CORD OF THE PRODUCT FROM THE OUTLET WHEN LEFT UNUSED FOR A LONG PERIOD OF TIME. TO DISCONNECT THE CORD, PULL IT OUT BY GRASPING THE POWER ADAPTER. NEVER PULL THE POWER ADAPTER PLUG OUT BY THE CORD.

AC RECEPTACLE - CHECK TO MAKE SURE THAT THE AC RECEPTACLE HOLDS THE POWER ADAPTER PLUG FIRMLY AND SECURELY. IF THE POWER ADAPTER IS LOOSE, CONTACT YOUR ELECTRICIAN TO REPLACE THE DEFECTIVE AND UNSAFE AC CONNECTION.

FOREIGN OBJECTS - BE CAREFUL THAT FOREIGN OBJECTS AND LIQUIDS DO NOT ENTER THE ENCLOSURE THROUGH OPENINGS.

CLEANING - UNPLUG THIS PRODUCT FROM THE WALL OUTLET BEFORE CLEANING. DO NOT USE LIQUID CLEANERS OR AEROSOL CLEANERS. USE A DAMP CLOTH FOR CLEANING.

WARNING

TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CALIFORNIA PROPOSITION



WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information: www.P65Warnings.ca.gov

SERVICE

UNPLUG THE PRODUCT FROM THE WALL OUTLET AND CONSULT QUALIFIED SERVICE PERSONNEL WHEN:

- THE POWER CORD OR THE PLUG HAS BEEN DAMAGED.
- A SOLID OBJECT OR LIQUID HAS FALLEN INTO THE ENCLOSURE.
- THE PRODUCT HAS BEEN EXPOSED TO RAIN OR MOISTURE.
- THE PRODUCT DOES NOT APPEAR TO OPERATE NORMALLY OR EXHIBITS A MARKED CHANGE IN PERFORMANCE.
- THE PRODUCT HAS BEEN DROPPED, OR THE ENCLOSURE DAMAGED.

DO NOT ATTEMPT TO SERVICE THE PRODUCT BEYOND THAT DESCRIBED IN THE OPERATING INSTRUCTIONS. FOR ALL OTHER SERVICING, REFER TO QUALIFIED SERVICE PERSONNEL ONLY.

WARRANTY INFORMATION

MU-TRON OFFERS A ONE-YEAR LIMITED WARRANTY ON ALL OF OUR PRODUCTS.

IN THE UNLIKELY EVENT OF A MALFUNCTION DUE TO COMPONENT FAILURE OR DEFECTIVE WORKMANSHIP, CONTACT US AT MU-TRON.COM FOR RETURN AUTHORIZATION. WE WILL QUICKLY RESPOND WITH ASSISTANCE AND WILL THEN REPAIR OR REPLACE YOUR PRODUCT AND SEND IT BACK.

PLEASE NOTE THAT WE CANNOT REPLACE A PRODUCT UNTIL WE HAVE RECEIVED IT HERE AT THE FACTORY.

USER-GENERATED MALFUNCTIONS DUE TO DROPPING, INTENTIONALLY BREAKING, ATTEMPTING TO REPAIR DURING THE WARRANTY, OR OPENING THE PRODUCT WILL NOT BE COVERED BY THE WARRANTY. YOU MAY SEND THE UNIT TO US AND WE WILL GIVE YOU AN ESTIMATE REPAIR CHARGE, AND UPON YOUR AUTHORIZATION WE WILL REPAIR AND RE-CALIBRATE THE PRODUCT.

LIMIT OF LIABILITY REGARDING THE PRODUCT AND ITS POWER SUPPLY

MU-TRON ASSUMES NO RESPONSIBILITY FOR DAMAGE TO THE PRODUCTS, OTHER EQUIPMENT THEY MIGHT CONNECT TO BY ANY MEANS, OR ANY OTHER PROPERTY DAMAGE, INJURY OR DEATH RESULTING FROM IT'S USE OR MISUSE.

IT IS POSSIBLE THAT CONNECTING THE TRANSFORMER TO AN INCORRECT VOLTAGE MAY RESULT IN INJURY OR DEATH TO ANYONE OPERATING THE EQUIPMENT.

USE OF ANY OTHER POWER ADAPTER NOT SUPPLIED BY MU-TRON IS NOT RECOMMENDED.