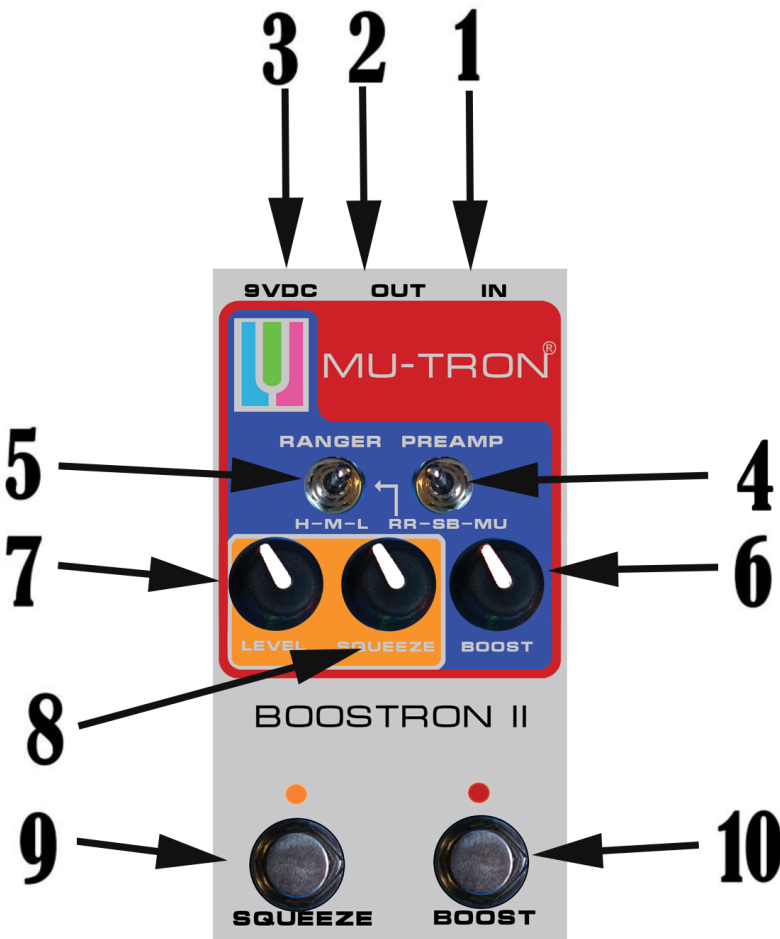


BOOSTRON II

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 BOOSTRON II runs on a 9V DC power supply center negative, draw 15mA

4. PREAMP SWITCH: The BOOSTRON II has 3 discrete low-noise, high headroom preamp circuits to chose from:

- **MU:** High-Voltage operational amplifier based gain stage of Mu-Tron III pedal in bypass mode, "bleeding" overdriven signal.
- **SB:** Classic JFET "Stratoblaster" circuit.
- **RR:** Transistor based "Red Ranger" circuit with 3 tone settings.

5. RANGER SWITCH: Provides 3 different tone settings for Red Ranger preamp:

- **H:** Treble boost mode.
- **M:** Mid range boost mode.
- **L:** Low end boost mode. Great for bass instruments and for use with OCTAVIDER+.

6. BOOST LEVEL: Controls master level of all 3 BOOST circuits. Each BOOST preamp has an internal trimmer which will allow for individual control.

7. SQUEEZE LEVEL: Controls the output volume of the compressed SQUEEZE signal.

8. SQUEEZE: Controls the amount of compression applied to instrument signal. When BOOST effect is engaged, the compression and output level of the SQUEEZE effect will be affected.

9. SQUEEZE EFFECT FOOTSWITCH: Determines whether the SQUEEZE effect is engaged or bypassed.

- SQUEEZE EFFECT LED:

When the orange LED is OFF, the SQUEEZE effect is bypassed.

When the orange LED is ON, the SQUEEZE effect is engaged.

10. BOOST EFFECT FOOTSWITCH: Determines whether the BOOST effect is engaged or bypassed.

- BOOST EFFECT LED:

When the red LED is OFF, the BOOST effect is bypassed.

When the red LED is ON, the BOOST effect is engaged.

For more information on the BOOSTRON II please visit mu-tron.com



Operating Instructions:

The Mu-Tron BOOSTRON II is an independent dual effect which provides 3 types of clean boost on one channel and a high-headroom, low-noise compressor on the other. By utilizing the same dual-voltage power supply as the MICRO-TRON IV and the OCTAVIDER+, the BOOSTRON II is transparent and allows for pure line amplification of your instrument. By creating “more” of your tone and “driving” other effects, cable runs and the front-end of tube and solid-state amplifiers, the BOOSTRON II enriches the harmonic overtones and expands frequency response across the full-range audio spectrum. An important but sometimes overlooked part of the signal chain, the BOOSTRON II has the same quality, ruggedness, and reliability that makes Mu-Tron the first choice of professional musicians.

Features:

1. Dual-Rail power supply for high-headroom and low noise.
2. Versatile preamp effect provides 3 separate circuit designs to be used for many instruments.
3. Amazing studio-grade compressor effect for squashing, limiting or pumping signal.
4. LED (light emitting diode) indicators to show operating status of effects.
5. 9V DC powered in rugged Mu-Tron enclosure.

Use with other devices

The main purpose of the BOOSTRON II is to be used with other devices such as effect pedals, preamps, amplifiers and recording consoles. The BOOSTRON II is designed to work in tandem with other Mu-Tron products such as the OCTAVIDER+ and the MICRO-TRON IV. The BOOSTRON II improves tracking for pitch-shift effects, improves triggering for envelope filters, and makes overdrive and distortion effects even thicker. Used at the end of the signal chain, the BOOSTRON II is great as a limiter or a signal buffer.

Boost

Switchable between 3 different classic preamp circuits designs which most boost circuits have been derived from: op-amp, transistor and JFET. High-headroom, low-noise implementations of these circuits using Mu-Tron's internal dual-rail power supply. Each preamp provides a different voicing and reactivity to your instrument and your playing style. Each preamp provides minimal tonal coloration and has it's own internal level control.

Squeeze

The BOOSTRON II also takes the tried and true Orange Squeezer compressor circuit and redefines it to a whole new professional grade level. From extreme settings for ultimate squash and sustain to light, transparent boost, this compressor is so clean that you may not notice it is on. With an interactive reaction to your dynamics, the high-headroom provides for articulation of soft passages.

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.
ATTENTION: RISK OF SHOCK. DO NOT OPEN.



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT, WITHIN A TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.



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

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 ITS 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 INCORRECT POWER SUPPLY WILL VOID WARRANTY.