

COMPLIANCE

This device complies with Industry Canada license-exempt RSS
CAN ICES-003 (B) / NMB-003 (B)

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



**CAUTION! RISK OF ELECTRIC SHOCK.
DO NOT OPEN THE ENCLOSURE.**



WARRANTY

All Tubesteadler pedals are warranted to be free from defects in parts and craftsmanship for 5 years from the original date of purchase.

The external hardware, such as pots, switches and jacks are warranted to be free from defects for a period of 1 year from the date of purchase.

The tubes are covered for a period of 30 days from receipt of the pedal.

EXCLUSIONS:

- Damage caused by accident, abuse, modification, improper use.
- Cosmetic wear and tear of the enclosure and external hardware.
- Shipping costs.

The Tubesteadler will repair or replace, at our discretion, the product under the warranty at no cost to the original owner. For any warranty or repair inquiries, please contact support@tubesteadler.com
Returns are accepted within 7 days from the date of receiving your order. To qualify for return the product has to be in "new" condition, in the original packaging and perfect working order.

Tubesteadler reserves the right to make changes and improvements in designs & dimensions without notice.



MANUAL v1.0

TUBE OVERDRIVE AND PREAMP

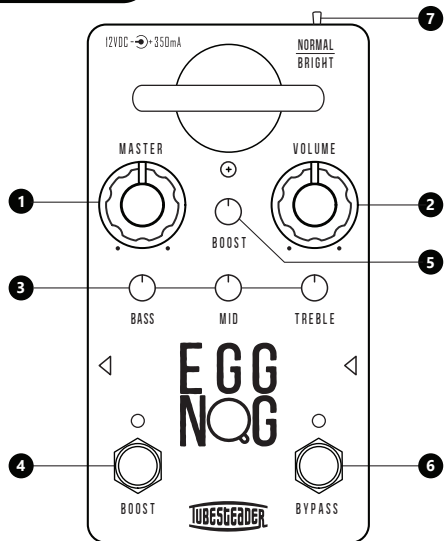


INTRODUCTION

The Eggnog is a single-channel tube overdrive and preamp pedal going back to the small, yellow-patterned combination amplifiers made in Fullerton in the 1950s. Based around a 12AX7 tube running at high voltage (250VDC – but from a 12VDC supply) to accurately capture the feel and breakup characteristics of a low-powered Tweed, the overtly-American preamp circuitry can transform any clean amplifier into a raspy box of vintage Fendery goodness.

If you're a fan of the Southern blues-rock of ZZ Top; the boxy, honky breakup of Joe Walsh in his prime; Keef's raunchy rock & roll; the screaming lead tones of Mr Bonamassa; or (at the extremes) the "excitable" low-end of Neil Young...the Eggnog will deliver those syrupy, original American tones in spades.

CONTROLS



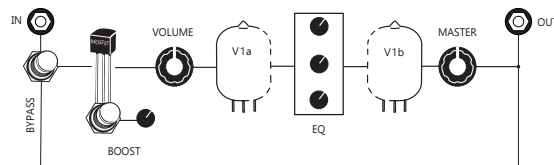
- 1 **MASTER** ----- controls the overall output level
- 2 **VOLUME** ----- adds gain just like cranking up the original amps
- 3 **BASS, MID, TREBLE** ----- 3-band EQ
- 4 **BOOST footswitch** --- increases the gain of the transistor stage
- 5 **BOOST knob** ----- controls the amount of extra gain the footswitch introduces
- 6 **BYPASS** ----- True bypass footswitch with a status light
- 7 **NORMAL/BRIGHT** --- tone switch, reminiscent of the dual inputs on some of the vintage amplifiers.

SPECIFICATIONS

Input Impedance: 1M Ω m
Vacuum Tube: ECC83/12AX7
Power: 12VDC @ 350mA, power adapter supplied
Power connector: barrel 2.1mm, center negative
Enclosure: Die-cast aluminum
Size: 4.7" x 2.6" (121mm x 66mm)
Height: 3.15" (80mm) including tube protector
Weight: 0.8 lbs (400 gr.)

The tube is pushed by an always-on MOSFET gain stage, giving your guitar a helping hand in nudging it towards the spongy, saggy, character we know and love in those old amps once they're breaking a sweat. But if you're in the mood for a little extra juice, stepping on the second footswitch activates the Boost level knob, giving you control over how hard the tube is being pushed. The Eggnog also has ample output level on tap to feed a power section directly; bypass your amp's front end via an FX Loop return; or give a healthy signal to any modern IR cab sims.

The drawing below represents a block diagram



CIRCUIT

CONNECTIVITY

CONNECTING THE EGGNOG:

- 1 As an overdrive pedal (or clean-shaper) into the front end of an amplifier. Set the amplifier clean and with a flat EQ – let the Eggnog add its gain and impart the inherent Small Tweed boxy EQ. You can use other pedals to boost into it; run modulations on either side; soak it in reverb and tremolo...be creative!
- 2 Directly into a power amplifier. Turn up the Master to give any power amp enough level to create a howling Tweed monster.
- 3 Into an amplifier's FX loop return. Bypass your amp's front end by plugging your guitar into the Eggnog and running the output into its FX loop return. Not all loops are created equal though, so the results of this will be very dependent on the style of loop you have available.
- 4 Into IR software or direct to a console/interface. Keep your Front Of House engineer happy by giving them consistent sound and level night-after-night; or appease the neighbours by keeping the volume down when practicing after-dark. If using the Eggnog in this way, we would recommend using IR/Cabsim for a more true-to-life Tweed amp sound.

**To prevent malfunction and equipment failure,
 always turn down the volume before making any connections.**

The Eggnog comes with a 12AX7 vacuum tube installed. To explore additional tonal possibilities, the stock tube can be swapped with equivalent preamp tube from other brands. When powering up from a cold state, please allow the Eggnog to warm-up a few minutes before playing. The tube run warm to the touch under normal operation.

TUBES