Specifications

OUTPUT	1/4" jack (unbalanced)
OUTPUT LEVEL (max, nominal)	0dBv / -10dBv
OUTPUT IMPEDANCE	2.4KΩ
INPUT	1/4" jack (unbalanced)
INPUT LEVEL (max, nominal)	-30dBv / >+20dBv
INPUT IMPEDANCE	1.6MΩ
AUDIO RESPONSE (controls adjusted)	50Hz-16kHz @ +/-3dB
THD	0.10%
S/N RATIO	85dB
NOISE FLOOR	3.4uV
AC/AC ADAPTER	95V-130V
Tube Type	12AX7A
Dimensions	5.5" x 5.7" x 1.5" (14 x 14.5 x 3.75 cm)
Weight	2.4 lbs

General Notes

Although the TD-1 is very ruggedly housed in heavy gauge steel, care should be taken in handling the unit as the tube utilized is made from glass. Avoid physical abuse. The footswitch is all that is needed to switch the unit.

Service for your Nady Audio Product

(U.S.) Should your NADY AUDIO product require service, please contact the Nady Service Department via telephone at (510) 652-2411, or e-mail at service@nady.com.

(International) For service, please contact the NADY AUDIO distributor in your country through the dealer from whom you purchased this product.

DO NOT ATTEMPT TO SERVICE THIS UNIT YOURSELF AS IT CAN BE DANGEROUS AND WILL ALSO VOID THE WARRANTY.

⚠ CAUTION! ⚠

Do not open this unit. Leave servicing and changing tubes to qualified personnel only. Lethal voltages can be present even after the unit has been off for some time.

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NADY® AUDIO

OWNER'S MANUAL

TD-1

Tube Distortion

Introduction

Congratulations on choosing our tube distortion unit — you have purchased one of the finest pedals on the market today. This unit was developed using the expertise of professional sound engineers and working musicians. You will find that your new NADY AUDIO TD-1 has superior performance and greater flexibility than any other tube distortion pedal in its price range. Please read this manual carefully to get the most out of your new unit.

Thanks for selecting NADY AUDIO as your choice for a tube distortion pedal.

Introduction

Nady's original TD-1 tube overdrive was marketed in the mid 1980's and was one of the earliest tube distortion pedals. The new, updated TD-1 combining classic tube overdrive warmth and tonality with the latest advanced EQ and Tone control options, the TD-1 is capable of delivering almost any sound. Its rich harmonics, unlimited tonal range, and unequalled definition make any amp sound great.

- Real tube tone from the classic 12AX7A twin triode tube — each carefully selected for optimum tonality and absence of noise, microphonics, and other artifacts that can detract from your sound
- State-of-the-art 3-stage variable tube drive design for widest range of overdrive options, from mild growl and crunch to singing sustain and controlled feedback
- Advanced EQ section carefully designed for all contemporary styles — blues, jazz, country, R & B, and all types of rock — with specially tailored high and mid-low 3-stage variable shelving and boosting options, plus a variable presence control for the ultimate tone-shaping possibilities
- Compact enough for a pedal board
- Rugged 14-gauge steel housing and heavy-duty bypass footswitch for years of trouble-free performance

Controls and Connections

1) LEVEL
The Level control adjusts the overall signal output level.

2) DRIVE
The Drive control adjusts the amount of distortion. It's able to drive the tube with over 70dB of gain. The distortion input gain can also be adjusted using the DRIVE GAIN switch.

3) DRIVE GAIN
This switch selects the boost of the input gain and amount of overall distortion.
HIGH +22dB, MED +10dB, LOW 0dB

4) HIGH
This control adjusts the treble frequencies of the signal post distortion. It boosts/cuts by +/- 15dB @ 10KHz from mid position (12:00).

5) HIGH END
This switch boosts/cuts the brightness/treble (10KHz) of the tone post distortion.
HIGH +5dB, MED 0dB, LOW –10dB

6) LOW
This control adjusts the low/mid tones of the signal post distortion. It boosts/cuts by +/-15dB @ 100Hz from mid position (12:00).

7) MID BOOST
This switch boosts the midrange frequencies (270Hz-700Hz)of the signal for a fatter sound.
HIGH +12dB, MED +6dB, LOW 0dB

8) PRESENCE
This control adjusts the hi-treble frequencies of the signal. It boosts/cuts by +/-5 dB from mid position (12:00).

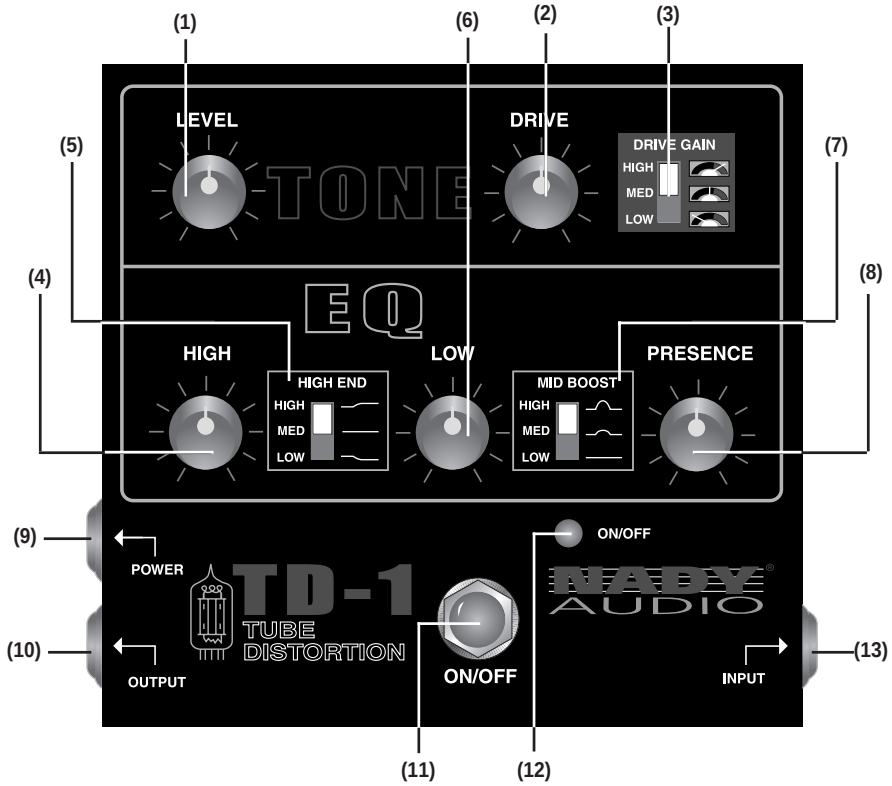
9) POWER ADAPTER JACK

10) OUTPUT
Connected to amplifier.

11) ON/OFF SWITCH
This switches between the effected signal (ON) and the uneffected (bypassed) signal (OFF). When in Bypass mode the input is connected directly to the output.

12) ON/OFF LED
When the LED lights GREEN, the signal goes through the TD-1 distortion (ON). When the LED is RED, the signal is bypassed (OFF).

13) INPUT
Connected to guitar / bass / audio source.



Tube Replacement

Change the tube only after noticing a marked degradation in audio. The TD-1 is designed to provide years of quality operation before the tube might need to be changed.

1. Remove the top panel knobs carefully, to avoid damage, by pulling straight off.
2. Remove all nuts and washers for the footswitch and potentiometers.
3. Remove all screws - 8 screws from the bottom panel, 2 screws from each side panel.
4. Remove Input jack nut.
5. Remove Input side panel by pulling directly off.
6. Remove top panel by pulling directly up.
7. Carefully remove the 12AX7A tube by gently wiggling the tube back a forth while pulling it out from the socket.
8. Replace the tube.
10. Reassemble the TD-1 in reverse order of disassembly making sure not to over tighten any nuts or screws.