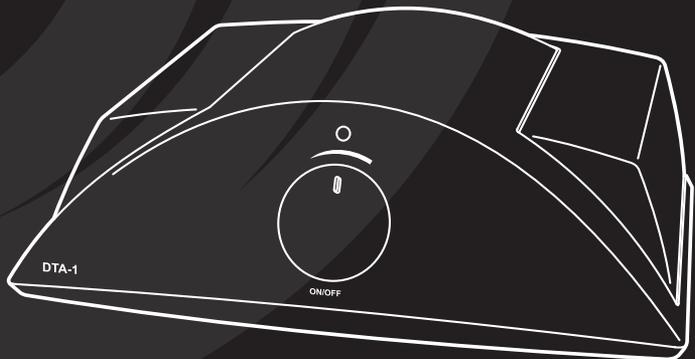




CLASS T DIGITAL AUDIO AMPLIFIER

Model: DTA-1 User Manual



Introduction:

Thank you for your purchase of the Dayton Audio DTA-1 Class T Digital Audio Amplifier.

Don't let the compact size fool you; the DTA-1 amplifier has the heart of a serious performer. Inside the DTA-1 is a proprietary Class T amplifier circuit, designed to create more efficient and higher quality audio amplification using digital signal processing, reducing power wasted as heat, meaning more music power to your speakers. The resulting soundstage, tonal balance and sound quality—combined with a modest price—makes this pint-sized T-Amp one of the “soundest” audio amplifier investments you can make!

The DTA-1 is remarkably affordable, yet still delivers a crisp, vibrant signal that compares to most high-quality linear amplifiers. Perfect for home or at play applications as the unit operates on eight AA batteries for portable use or the included AC adapter can be used to power the DTA-1 for indoor use.

Package Contents:

- (1) Class T Digital Audio Amplifier
- (1) 12VDC, 2000mA Switching Power Supply with Interchangeable US/EU Power Plugs
- (1) 3.5 mm Coiled Audio Cable (6")

Features:

- Turn-on & turn-off “pop” suppression
- Intelligent short-circuit protection
- Intelligent over-temperature protection
- Connects to any passive 4/8Ω speakers
- Accepts standard audio line output from any sound system

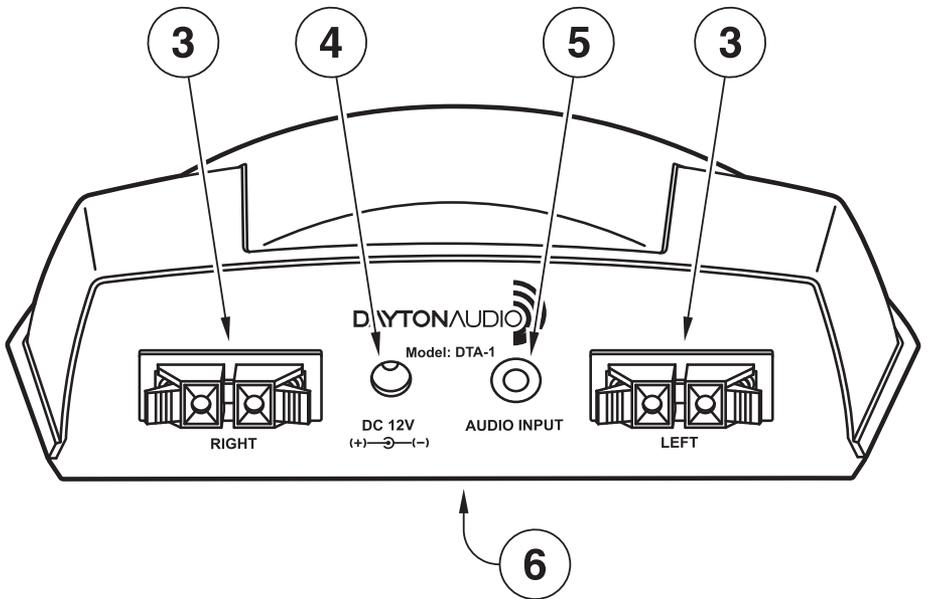
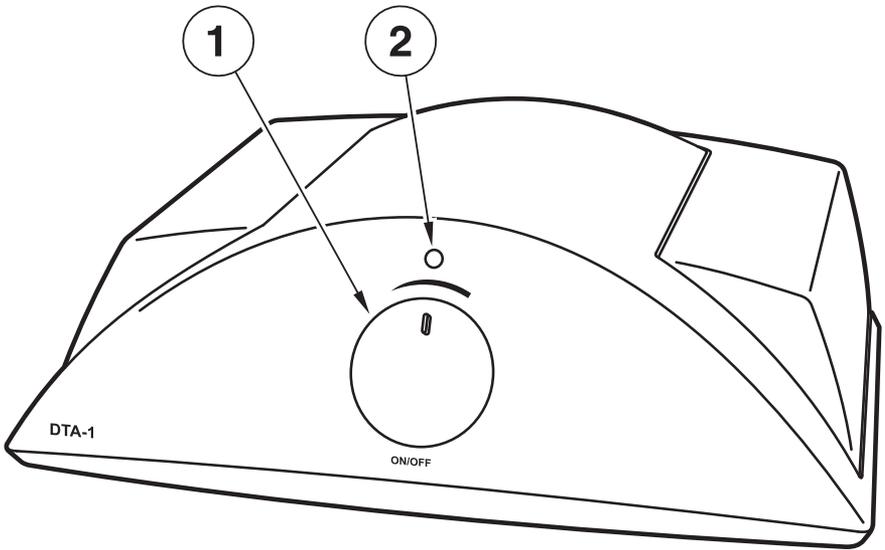
OPERATION**Function:**

1. Power/Volume Control
2. Power Indicator
3. Speaker Terminals
4. Power Input
5. 3.5 mm Audio Input
6. Battery Compartment (bottom of unit)

Operation:

- I. Attach an audio device such as MP3 player, PC or CD player to the 3.5 mm audio input.
- II. Attach two 4 or 8 ohm speakers to the speaker terminals. Pay attention to speaker polarity; red to red (+) and black to black (-).
- III. Install 8 “AA” batteries or connect the 12 VDC power supply.
- IV. Turn on the amplifier and set to appropriate volume level.
- V. Enjoy your Class T Digital Audio Amplifier.

Front



Rear

Specifications:

| | |
|-----------------------------------|--------------------------------|
| Power Output: | 15 watts RMS x 2 into 4 ohm |
| Total Harmonic Distortion: | <0.04% @9W <10% @15W |
| Minimum Speaker Impedance: | 4 ohm |
| Signal-to-Noise Ratio: | 103 dB, A weighted |
| Input Impedance: | 2 k ohm \pm 5% |
| Frequency Response: | 20-20,000 Hz |
| Channel Separation: | 95 dB |
| Efficiency: | >88% @ 10W, 8 ohm |
| Dynamic Range: | 102 dB |
| Electrical Requirement: | 12VDC @ 2A center pin positive |
| Dimensions: | 2" (H) x 6" (W) x 3.5" (D) |
| Weight: | 0.5 lbs (without batteries) |

WARRANTY COVERAGE

Dayton Audio products are warranted to be free of all defects in material and workmanship for 5 YEARS from the date of purchase from an authorized Dayton Audio dealer. This warranty and all rights provided are limited to the original owner and are non-transferable. Dayton Audio's responsibility is limited to replacement or repair as set forth in this warranty statement.

Should a product require warranty service during this period, Dayton Audio will repair or replace without charge, any part or product proving defective in material or workmanship. All warranty repairs and service must be performed by an authorized Dayton Audio technician or service facility. The use of non-authorized repair services renders this warranty null and void, and any charges relating to non-authorized repair are the responsibility of the product owner.

All expenses related to replacing or repairing a defective part or product under this warranty shall be assumed by Dayton Audio. Dayton Audio reserves the right to replace defective product with a new or factory reconditioned unit.

WARRANTY EXCLUSIONS

1. This warranty does not cover product failure or damage resulting from misuse, abuse, neglect, accidents, alterations, standard environmental deterioration, natural disasters, or improper use and/or installation.
2. This warranty does not cover cosmetic damage due to misuse or neglect. This includes paint damage, scratches, cracks or other superficial marks related to improper use.
3. Failures arising from attempted servicing of a non-authorized Dayton Audio repair facility or technician are excluded from this warranty.

LIMITATION OF DAMAGES

In no event shall Dayton Audio be liable for consequential damages for breach of this warranty including installation charges, excessive shipping expenses, property loss or other incidental loss. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the buyer.

HOW TO OBTAIN WARRANTY SERVICE

To obtain services under this warranty, the buyer shall contact Dayton Audio's authorized service provider, Parts Express, at 1-800-338-0531 x 780 to obtain a return authorization number (RA#).

The buyer must carefully pack the warranted product along with a copy of the original purchase receipt, the return authorization number (RA#), and a description to the repair facility listed below. Shipping for warranty service is the responsibility of the buyer.

Parts Express

Attn: Dayton Audio Warranty Repairs RA# (please write your RA# here)
705 Pleasant Valley Drive
Springboro, Ohio 45066

NOTICE TO BUYER

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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USA

