




DAYTON AUDIO DTA-1 Class T Digital Audio Amplifier User Manual

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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 high 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 amplified 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 Audio Cable (39")

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

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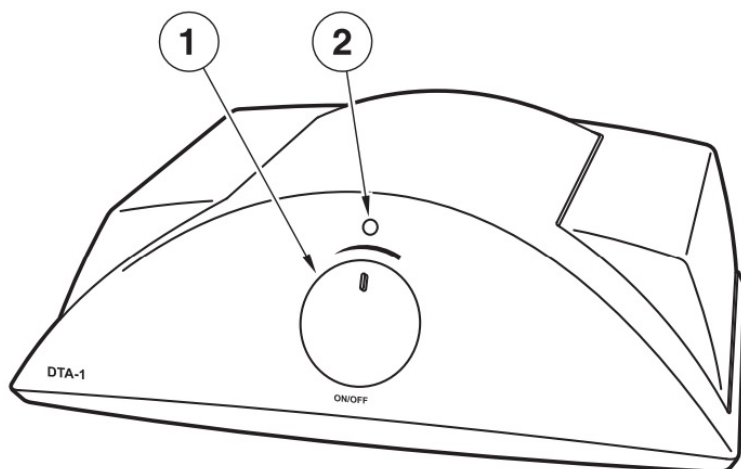
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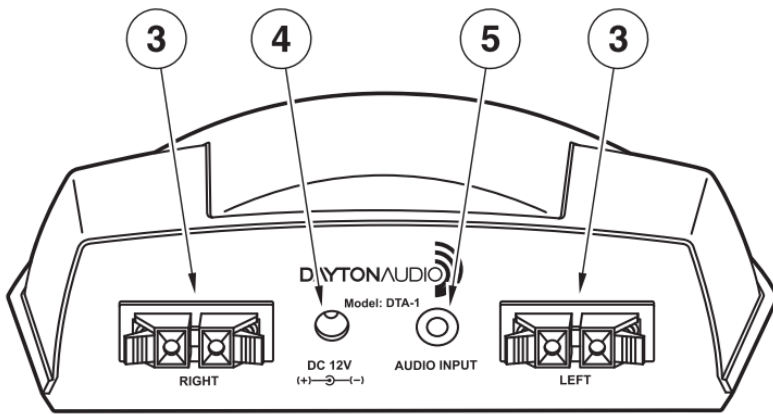
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OPERATION

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

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

Specifications

Power Output: 12.8 watts RMS x 2 into 4 ohm
Total Harmonic Distortion: < 2.90% @ 12.8W
Minimum Speaker Impedance: 4 ohm
Signal-to-Noise Ratio: 90 dB, A weighted
Frequency Response: 20-20,000 Hz
Electrical Requirement: 12VDC @ 2A center pin positive
Dimensions: 2" (H) x 6" (W) x 3.5" (D)
Weight: 0.5 lbs (without batteries)

5-Year Limited Warranty

See daytonaudio.com for details



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Documents / Resources



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DTA-1 Class T Digital Audio Amplifier, DTA-1, Class T Digital Audio Amplifier, Digital Audio Amplifier, Audio Amplifier

References

- [Dayton Audio](#)
- [User Manual](#)

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