XH-M510 TDA7498 DC14-32V High Power Digital Power Amplifier Board



QUICK OVERVIEW

- Dynamic Operating Voltage: DC 14-32 Volt
- Powerful 200-watt output
- Easy Plug and Play operation
- Intelligent Overcurrent and overheating protection function.

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Enhance your DIY music system with the XH-M510 TDA7498 High Power Digital Class D Amplifier Board, delivering an impressive 200 watts of sound output for powerful, high-quality audio performance.

Packed with advanced features, this amplifier board offers exceptional versatility and reliability:

Wide Operating Voltage: Designed to operate within a DC 14-32V range, ensuring compatibility with various power sources for flexible integration.

High Power Output: Enjoy immersive, room-filling sound with a substantial 200-watt output, perfect for high-performance audio setups.

Gain Adjustment: Fine-tune your sound with four adjustable gain levels (21.6dB, 27.6dB, 31.1dB, 33.1dB), giving you precise control over the audio to match your speakers' specifications.

Dual Stereo Channels: Delivers two stereo channel outputs, each capable of 100 watts, ensuring a balanced and rich auditory experience.

Differential Input: Minimizes common-mode noise for superior audio clarity, providing pristine sound quality.

Intelligent Protection: Equipped with overcurrent and overheat protection to safeguard both the amplifier and your speakers, ensuring safe and reliable operation.

Easy Setup: Enjoy hassle-free installation with Plug and Play functionality, making it perfect for building or upgrading a home audio system.

The XH-M510 TDA7498 Amplifier Boar is an ideal choice for anyone looking to create a high-performance, dependable audio system, offering top-tier performance, durability, and protection for all your sound projects.

Specification:

Output power	100W+100W
Output impedance	$4-8\Omega$
Amplifier Type	Class D
Harmonic Distortion	Po=1W/0.05%
Frequency Response Range	18-100KHz
Switching Frequency	360KHz
Signal to noise ratio	110 dB
Length (mm):	96
Width (mm)	70
Height (mm)	15
Weight (gm)	90
Shipping Weight	0.095 kg
Shipping Dimensions	$12 \times 8 \times 3$ cm

Package Include:

1 x XH-M510 TDA7498 DC14-32V High Power Digital Power Amplifier Board