

EYTSE P60

EYTSE P60 Bluetooth Stereo Amplifier Instruction Manual

PRODUCT OVERVIEW

The EYTSE P60 is a high-performance Bluetooth 5.3 stereo amplifier designed for passive speakers. Featuring the TPA3255 chip, it delivers robust 300W x 2 power with exceptional clarity and low noise. Its compact design, versatile connectivity, and customizable features make it suitable for various audio setups, including home theater, desktop, and bookshelf systems.

2.0
CHANNEL

HiFi Immersive Sound Experience

Immerse yourself in lifelike sound for music,
with powerful 2×300W stereo output



Image: EYTSE P60 amplifier integrated into a home theater system, providing a 2.0 HiFi immersive sound experience with powerful 2x300W stereo output.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- EYTSE P60 Amplifier
- 32V/5A Power Adapter
- RCA Cable
- Bluetooth Antenna
- Quick Start Guide (User Manual)

What's in the Box ?

P60 Amplifier

0.73KG/1.6IB



Antenna



User Manual



32V/5A Power Adapter



RCA Cable (3.5mm)



Image: Visual representation of the EYTSE P60 amplifier and its included accessories: antenna, user manual, 32V/5A power adapter, and RCA cable.

PRODUCT FEATURES

High-Performance Audio

The P60 amplifier utilizes the flagship TPA3255 chip, offering an advanced feedback design and ultra-high efficiency (>96%). This delivers a robust 300W x 2 power output with extremely low noise and minimal standby power consumption (<2.5W).

TPA3255DDR Class D Chip for High-fidelity Sound

Pro Noise Reduction | Ultra-Low Latency | High-Fidelity Audio

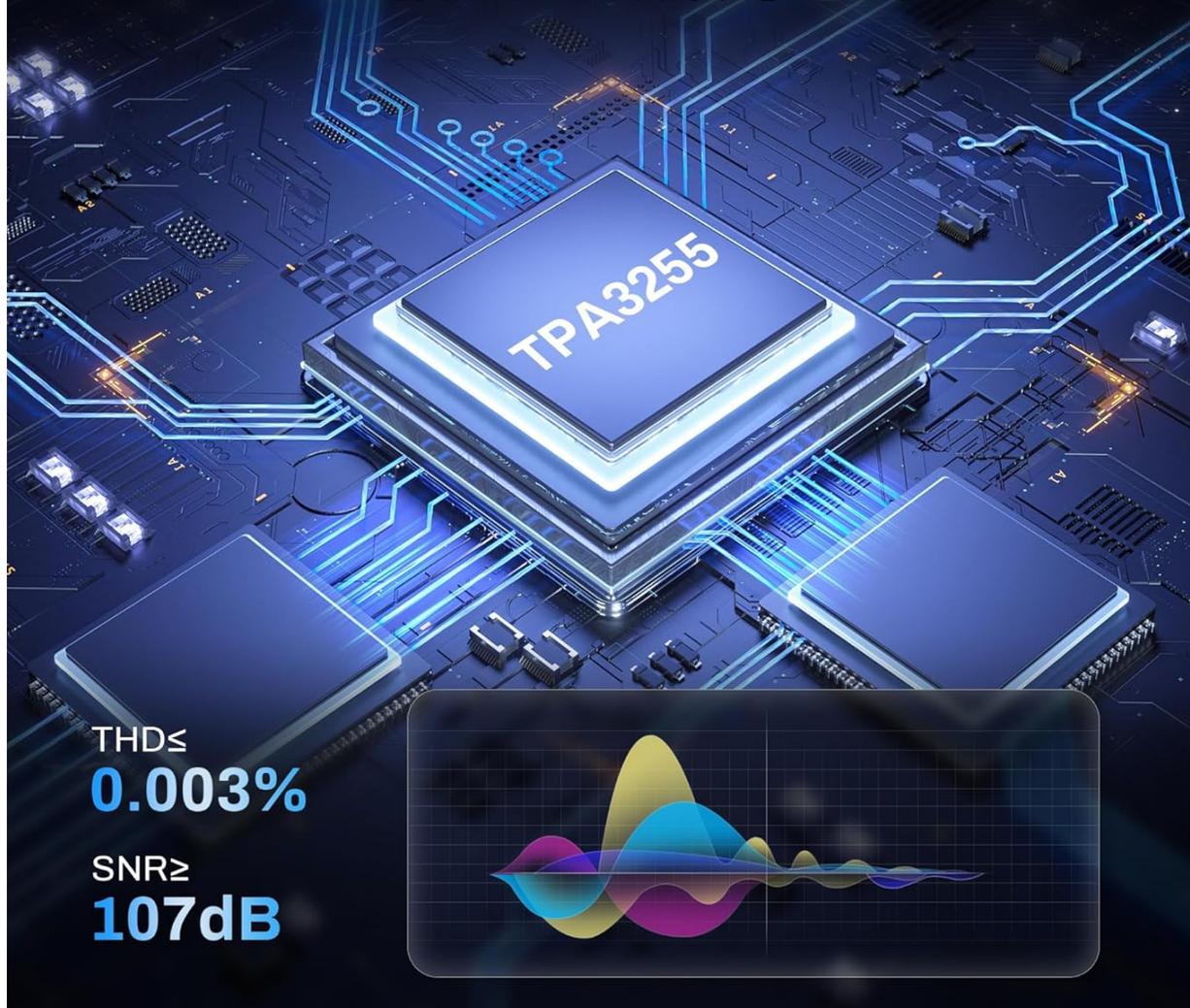


Image: The TPA3255DDR Class D chip, central to the amplifier's high-fidelity sound, is shown with specifications for ultra-low distortion ($\text{THD} \leq 0.003\%$) and high signal-to-noise ratio ($\text{SNR} \geq 107\text{dB}$).

Built with premium components such as German WIMA capacitors, Japanese ELNA capacitors, and Sumida inductors, the amplifier ensures exceptional clarity, dynamic range, and long-term reliability. It provides a flat frequency response ($20\text{Hz} - 20\text{kHz} \pm 0.5\text{dB}$) with ultra-low distortion ($\leq 0.003\% \text{ THD+N}$) and a noise floor below -107dB .

High Quality Internal Components

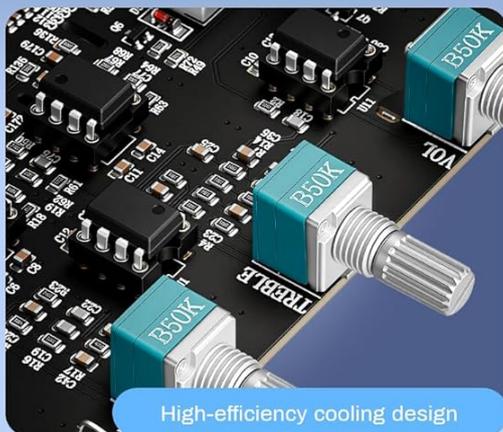
Crystal-clear sound, rich dynamics, and ultra-low distortion



Rubycon 63V2200uF filter capacitor



WIMA capacitor+Phase mode inductance



High-efficiency cooling design



NE5532 operational amplifier chip

Image: Detailed view of the amplifier's high-quality internal components, including Rubycon 63V2200uF filter capacitor, WIMA capacitor + Phase mode inductance, high-efficiency cooling design, and NE5532 operational amplifier chips.

Connectivity

The P60 offers dual connectivity options: traditional RCA inputs for wired devices and Bluetooth 5.3 for high-quality wireless streaming. The Bluetooth function includes auto-pairing memory for convenience.

Wireless 5.3 & RCA Input



Home Theater



Desktop



Turntable/CD Players



Bookshelf

Image: The amplifier supports Wireless 5.3 and RCA input, adapting easily to various audio systems like home theater, desktop, turntable/CD players, and bookshelf setups.



Image: A smartphone wirelessly connected to the EYTSE P60 amplifier via Bluetooth 5.3, demonstrating a stable connection up to 65 feet.



Image: The amplifier's rear panel showing RCA input connections for devices such as vinyl record players, CD players, and computers, alongside speaker outputs.

Customization & Design

The P60 features customizable RGB interior lighting, visible through a tempered glass top cover. A front-panel button allows you to switch between multiple colors to match your mood or decor.

Light On-Demand

7 RGB lighting that adapts to your vibe, with an energy-off mode for pure listening. We sound awesome, and you can literally see why!

***Internal components in full view**

- Tempered Glass Design
- 7 Ambient Lights

Light off

Image: The EYTSE P60 amplifier featuring customizable RGB interior lighting and a tempered glass design, allowing internal components to be viewed with various ambient light colors.

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Video: Demonstrates the EYTSE P60 2 Channel Home Audio Amplifier with its cool light feature, showcasing the customizable RGB interior lighting.

For audiophiles, the P60 allows user-replaceable op-amps (operational amplifiers). You can easily swap the standard NE5532 chips with premium alternatives to tailor the sound signature to your personal preference.



Image: The amplifier's circuit board highlighting the user-replaceable op-amps, allowing for custom sound tailoring.

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Video: Shows the process of replacing op-amps in the P60 amplifier for sound customization.

Durability & Versatility

The mini amplifier combines a minimalist, space-saving design with professional-level power. Its robust aluminum construction and versatile connectivity make it ideal for bookshelves, desktops, and home theater systems, capable of driving a wide range of speakers (2-8Ω). An advanced passive cooling system, featuring a solid, unibody aluminum chassis, ensures stable performance and protects internal components during extended high-power use.



Image: The EYTSE P60 features an all-metal body with a heat sink for advanced passive cooling, ensuring stable performance without noise.

SETUP INSTRUCTIONS

Connecting Speakers

Connect your passive speakers to the speaker output terminals on the rear of the amplifier. Ensure correct polarity (positive to positive, negative to negative) for optimal sound quality.

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Video: Demonstrates connecting the EYTSE P60 Stereo Amplifier to desktop speakers, showing the wiring process.

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Video: Illustrates how to connect the EYTSE P60 Stereo Amplifier to a vinyl record player turntable and passive speakers.

Power Connection

Connect the provided 32V/5A power adapter to the DC IN port on the rear of the amplifier, then plug it into

a wall outlet. The amplifier supports an upgrade to a 48V power supply (not included) for greater power output.

Input Sources

For wired connections, use an RCA cable to connect your audio source (e.g., CD player, turntable, TV) to the RCA IN ports on the rear panel.

To connect via Bluetooth, ensure the amplifier is powered on and the input is set to Bluetooth mode.

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