Fosi Audio

Redefining HiFi with Unmatched Value.

Fosi Audio BT20A MAX

Our Best-Sounding Amp Yet, Designed for Flexible Listening

Qualcomm QCC3095

Motorized Analog Potentiometer

High-Pass Filter

Subwoofer Output

PFFB Technology

Active Cooling Design

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Highlight Summary

- **Enhanced Bluetooth Performance:** BT20A MAX features a Qualcomm QCC3095 chipset with Bluetooth 6.0. Supporting a range of high-quality codecs including aptX, aptX HD, aptX Adaptive, aptX Lossless and LDAC, it ensures a stable, low-latency, and high-resolution listening experience.

- **HiFi Sound:** Featuring independent digital and analog power supplies and premium ELNA capacitors, the BT20A MAX with PFFB technology achieves ultra-low distortion and a high SNR. This design also lowers output impedance and minimizes the impact of varying speaker loads on frequency response, delivering a natural and detailed sound.

- **Active Cooling Design:** The BT20A MAX advances the PRO version with refined circuitry and a new built-in silent fan that boosts cooling efficiency by 30%. Specially engineered vents on the top and sides maximize airflow for superior heat dissipation.

- **Flexible Listening:** It supports high-resolution Bluetooth connectivity for seamless pairing with mobile devices, enabling you to enjoy music anywhere. With dual RCA inputs, a subwoofer output, and passive speaker terminals, it easily integrates analog sources and facilitates the setup of a 2.1 stereo system. The remote control enables quick input switching, while the motorized potentiometer allows accurate volume adjustment directly via the remote.

- **Versatile Functionality:** Includes bass/treble adjustment and EQ bypass for personalized sound tuning.
  - **Bypass:** Bypass allows internal EQ (bass/treble) to be defeated, preserving the original sound signal for output.
  - **12V Trigger:** The BT20A MAX can be powered on and off by any device with a 12V Trigger output.
  - **HPF:** Filters out frequencies below 80 Hz to enhance vocal clarity and detail reproduction from the main speakers.

Product Gallery

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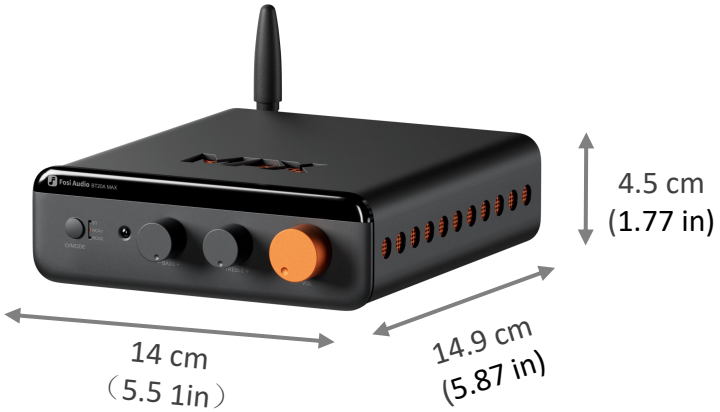

Specifications

Channel	2.1
Amplifier Chip	TI TPA3255
Op-amp Chip	NE5532
Max Output Power	300Wx2 @4Ω
RMS Output Power	180Wx2 @4Ω
Input	RCA1/RCA2/Bluetooth
Output	Speaker Out/Sub Out
SNR	≥112dB
THD+N	≤0.003%
Terminal Impedance	2-8Ω
Bluetooth SoC	Qualcomm QCC3095
Bluetooth Device Name	Fosi Audio BT20A MAX
Bluetooth Version	6.0
Bluetooth Connection Range	≤15m(50 ft)
Bluetooth Audio Codecs	SBC/AAC/aptX/aptX HD/aptX Adaptive /aptX Lossless/LDAC
Frequency Response	20Hz-20kHz(±0.5dB)
Voltage Range	DC 32V-48V

About Fosi Audio

Established in 2017, Fosi Audio is dedicated to the development, manufacturing, and global sales of high-quality HiFi audio products. The name FOSI embodies our four core principles:
Foresight – thinking further ahead;
Openness – embracing users' voices;
Sincerity – serving you wholeheartedly;
Innovation – upholding technical excellence.

Driven by these values, we have built a comprehensive lineup of audio equipment, including home audio amplifiers, preamps, DACs, speakers, turntables, CD players, headphones, desktop and portable headphone DAC amps, etc.

As a rising star in the HiFi audio world, Fosi Audio has earned widespread recognition and trust from audiophiles and music lovers. With a distribution network spanning over 100 countries, we are delivering exceptional sound experiences across the globe.

We believe every sound matters. With cutting-edge innovation, we make every note clear, real, and full of emotion, empowering you to "Hear the Unheard". Driven by our mission to redefine HiFi with unmatched value, Fosi Audio continues to fuel its passion for the HiFi industry, ramp up R&D efforts, and co-create new HiFi equipment with users. We pledge to bring more amazing HiFi gear with cutting-edge technology, innovative design, and premium quality to users worldwide.

Official Website: www.fosiaudio.com
Official Forum: community.fosiaudio.com
E-Mail: support@fosiaudio.com

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