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Version 1.3

WiiM



## **WiiM Amp Pro**

### **Versatile audiophile-grade streaming amplifier**

Meet WiiM Amp Pro

The compact yet powerful WiiM Amp Pro is our second-generation streaming amplifier, designed for true music lovers and home entertainment enthusiasts alike. It boosts the sound quality to a new level and features the latest Wi-Fi 6E and BT 5.3 with BT LE audio support, providing rock solid wireless connectivity needed for most demanding Hi-Res audio streaming. Seamlessly integrate the WiiM Amp Pro with your classic passive speakers, your cinematic TV setup, or even your vintage recorder player for effortless audio streaming. Use the WiiM Home App to play music from your favorite music services, or straight from your go-to music app. Go hands-free with voice commands via Alexa, Google Assistant, or Siri - all in the highest possible sound fidelity.

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- Packing 60 Watts per channel at 8 ohms, or 120 Watts per channel at 4 ohms, this amplifier can power up to four speakers, providing unparalleled audio fidelity.
  - Premium 32-bit/384kHz ES9038 Q2M SABRE DAC and TI TPA3255 Class-D amplifier
  - Latest Wi-Fi 6E and BT 5.3 with two antennas offering rock solid Bluetooth or Wi-Fi audio streaming
  - Elegant aluminum case with award-winning design
  - Built-in room correction takes precise acoustic measurement of your room, creating customized correction for your speaker and subwoofer
  - Superior sound quality with -105 dB THD+N, 120 dB SNR at 5W
  - Experience high-quality streaming of music, podcasts, audiobooks, and internet radio directly on your speaker system.
  - Seamlessly manage your content and devices via the WiiM Home App, and access a rich array of music services like Spotify, Amazon Music, Deezer, Qobuz, TIDAL, Pandora, iHeartRadio, TuneIn, SoundCloud, and more.
  - Effortlessly cast music from your go-to music app using Google Chromecast, Alexa Cast, DLNA, Spotify Connect, and TIDAL Connect.
  - Enjoy gapless music playback, supporting up to 24-bit/192 kHz quality.
  - Easily integrate external devices like turntables, TV or stereos, and broadcast their sound across any WiiM-compatible devices.
  - Enhance your TV's audio with HDMI ARC support and built-in subwoofer output, transforming your living room into a home theater.
  - Hands-free control via Alexa, Google, and Siri voice assistants. Use your voice on your phone, HomePod, Echo, Google Home devices-or with the provided voice remote-to manage your music effortlessly.
  - Customize your sound with versatile EQ options, tailored to speaker configuration and listening space.
  - Enjoy new features, music services, and enhancements through regular firmware updates, ensuring a continually refined audio experience.
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## Tech Specs:

### Audio:

- Amplifier
  - Class-D digital amplifier.
  - 60 W/channel (8 ohms), 120 W/channel (4 ohms).
  - Audio input
    - Bring your TV audio, recorder player, CD player, or other audio source into the digital world.
    - Analog (RCA), digital Optical port, HDMI ARC, up to 24-bit/192 kHz.
  - Audio output
    - Up to 192 kHz/ 24-bit, varying sample rate and bit depth based on the audio source without resampling.
  - Two banana plugs:
    - SNR: 120 dB
    - THD+N (1 kHz): 5 W/8 Ohms: -105 dB, 60W/8 ohms: -100 dB.
- EQ
  - Tailor your audio experience with versatile and independent EQ settings for each input source – be it HDMI, Optical, Line, BT, or Network.
  - Access a robust suite of sound customization options, including 24 preset EQ settings, a 10- band graphic EQ, and a 10- band parametric EQ for precise sound adjustments.
  - Automatic room correction of Subwoofer output
  - Comprehensive bass management.
  - Adjustable crossover frequency, level, phase, and latency.
- Connectivity and power
  - 100-240V AC input.
  - Wi-Fi 6 E, 802.11 b/g/n/ac/ax 2.4 GHz, 5 GHz, and 6 GHz triple bands.
  - Bluetooth 5.3 with BT LE audio, supports both A2DP receiver and transmitter, AVRCP, HID, works with the WiiM voice remote.
  - Ethernet, 10M/100 Mbps.
  - USB Media Library – Organize personal media library and use it as a media server across all WiiM devices.
  - USB Audio Out - Connect directly to an external USB DAC or amplifier, providing clearer and detailed sound.
- Physical
  - Dimension: 7.5 x 7.5 x 2.4 inches (190 x 190 x 63 mm).
  - Weight: 4.1 lbs.
  - LED: Four-color (RGBW) LED indicates device status and six white LEDs for the volume indicator.
  - Volume knob with glass: Adjust volume and play/pause button.

# What are the differences between the WiiM Amp and the WiiM Amp Pro?

## **Post-Filter Feedback (PFFB) Amplifier**

This amplifier elevates sound quality with Post Filter Feedback (PFFB) technology, delivering load-independent performance for consistently exceptional audio.

## **ESS ES9038Q2M DAC and TI OP AMP**

Equipped with the cutting-edge ESS ES9038Q2M premium DAC and TI OP AMP, it achieves industry-leading low distortion and a wide dynamic range. It boasts a 120 dB (A-weighted) SNR and a THD+N of -105 dB at 5W.

## **State-of-the-Art Wireless Connectivity**

Featuring the latest Wi-Fi 6E and BT 5.3, along with dual antennas, it provides rock solid wireless audio streaming over both Bluetooth and Wi-Fi.

## **Advanced Thermal Design**

Designed with an innovative thermal management system that includes copper, aluminum and graphene heat sinker, it ensures reliable performance even in the most demanding conditions.

Three bullet points in the landing page:

- It boosts the sound quality to a new level with Post Filter Feedback (PFFB) technology, ensuring load-independent performance.
- Equipped with the latest Wi-Fi 6E and BT 5.3 with BT LE audio support, it delivers rock-solid wireless connectivity for even the most demanding Hi-Res audio streaming.
- Premium 32-bit/384kHz ES9038 Q2M SABRE DAC and TI TPA3255 Class-D amplifier