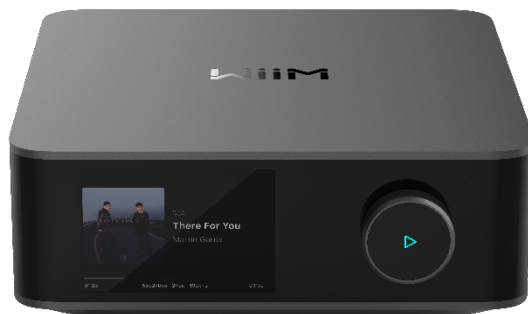


WiiM



WiiM Amp Ultra

Meet WiiM Amp Ultra

The WiiM Amp Ultra is a high-performance streaming amplifier built for discerning listeners. Encased in a sleek unibody aluminum chassis with a vibrant 3.5" glass touchscreen, it delivers 100W per channel with ultra-low distortion and audiophile-grade clarity.

Powered by the premium ESS 9039Q2M DAC, dual TI TPA3255 amp chips, and six TI OPA1612 op-amps, it ensures stunning Hi-Res audio playback. PFFB technology guarantees stable, load-independent performance across all speaker types.

With Wi-Fi 6E, Bluetooth 5.3 with LE Audio, and HDMI ARC with Dolby Digital support, it's equally at home in a stereo setup or cinematic home theater. The WiiM Home App offers seamless control, multi-room sync, and smart home integration via Alexa, Google Assistant, and Siri.

Effortless to set up, powerful to experience—WiiM Amp Ultra is where performance meets precision.

Key Features

- **Powerful Amplification**
Delivers 100W per channel at 8Ω or 200W at 4Ω—easily drives up to four passive speakers with stunning clarity and dynamics.
- **Audiophile-Grade Components**
Features the 32-bit/384kHz ESS ES9039Q2M SABRE DAC, dual TI TPA3255 Class-D amp chips, and six TI OPA1612 op-amps for ultra-low distortion and rich, detailed sound.
- **Post Filter Feedback (PFFB) Technology**
Ensures stable, load-independent performance across all speaker types—delivering cleaner sound and improved amplifier control, especially with complex loads.
- **Next-Gen Connectivity**
Equipped with Wi-Fi 6E, Bluetooth 5.3 with LE Audio, and dual antennas for fast, stable streaming across all wireless protocols.
- **Elegant Touchscreen Design**
Housed in a premium unibody aluminum chassis with a vibrant 3.5" glass-covered touchscreen for intuitive control and stunning aesthetics.
- **Room Calibration Built-In**
Advanced room correction technology analyzes your space and customizes output for speakers and subwoofer to optimize soundstage and tonal balance.
- **Exceptional Sound Performance**
Achieves -105 dB THD+N and 120 dB SNR at 5W—ideal for high-fidelity playback across any genre or setup.

- **All-in-One Streaming Hub**
Stream music, podcasts, audiobooks, and internet radio in Hi-Res up to 24-bit/192kHz directly to your speaker system.
- **Universal Music Service Support**
Seamless access to Spotify, Amazon Music, TIDAL, Qobuz, Deezer, Pandora, iHeartRadio, TuneIn, and more via the WiiM Home App.
- **Cast with Ease**
Supports Google Cast, Alexa Cast, DLNA, Spotify Connect, TIDAL Connect, DLNA, and Roon for effortless playback from your favorite apps.
- **Flexible Input Options**
Connect turntables, TVs, or other sources and broadcast audio wirelessly across your multi-room system.
- **Cinematic TV Audio**
HDMI ARC, Dolby Digital decoding, and dedicated subwoofer output bring immersive home theater sound to your living room.
- **Smart Voice Control**
Works with Alexa, Google Assistant, and the WiiM Voice Remote for hands-free playback and system control.
- **Customizable EQ**
Fine-tune your audio with parametric and graphic EQs tailored to your own preference.
- **Future-Proof Experience**
Receive ongoing firmware updates with new features, services, and performance enhancements.

- **Home Theater Integration:**
 - Functions as the front, surround or center channel speaker in a Dolby 5.1 setup
- **Smart Preset**
 - Streamlines the listening experience by offering quick access to frequently used content and settings.
- **Alarm Clock**
 - Set the alarm time, occurrence, and choose from various music sources.

Touch Display

- **Screen:** 3.5" glass-covered capacitive touchscreen
- **Functions:**
 - Playback controls, album art, EQ adjustments, input switching, device settings
 - Queue view, preset access, VU meters, time/date in standby
 - Custom wallpapers
 - Guides setup (OOBE) and OTA firmware updates

Design & Controls

- **Chassis:** Precision-machined unibody aluminum
- **Dimensions:** 7.9" x 2.9" x 7.9" (200 x 75 x 200 mm)
- **Weight:** 5.4 lbs (2.45 kg)
- **Physical Controls:**
 - Multifunctional rotary knob (Volume, Play/Pause)

Power

- **Input:** 100-240V AC, universal power supply