



Which WiiM product is right for you?

WiiM Pro is our second-generation music streamer target for the audiophile community at an affordable price. It's one of the most versatile music streamers in the market. On top of the popular WiiM mini, it adds Ethernet, digital Coax out, and optical SPDIF input. It supports Google Chromecast with the bit-perfect output, Airplay2, Spotify Connect, TIDAL Connect, DNLA, MOA, Amazon Music casting, Roon, Gapless playback of high-res 192Khz/24bit lossless audio, and more.

The WiiM Pro Plus was a significant upgrade in terms of audio quality for analog audio input and output, total system cost, and system setup. These enhancements aimed to provide users with a more powerful, high-fidelity, and hassle-free music streaming experience compared to the previous model, the WiiM Pro.

What are the differences between the WiiM Pro and the WiiM Pro Plus?

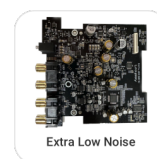
Better ADC for Line Input

It uses TI Burr-Brown Audio PCM1861 ADC, achieving up to 192kHz/32-bit digital output, 110 dB SNR. Thus, it provides high-fidelity analog to digital conversion for input from a record player, MP3 player, or TV.



Ultra-low Noise Clock, Power, and Circuit Design

It uses an ultra-low noise clock, power supply, and careful PCB layout to achieve less than -110dB THD+N performance for analog audio output.



AKM DAC and TI OP AMP for Better Line-Out Audio Quality

It features a new generation AKM 4493SEQ premium DAC that can achieve a leading level of low distortion and wide dynamic range thanks to AKM's Velvet Sound Technology. It supports up to 768 kHz PCM and DSD512, with PCM/DSD automatic switching ideal for the latest high-resolution audio source. Achieve 120 dB (A-wt) SNR, THD+N of 0.00032% (-110 dB) from 44.1k to 192k.

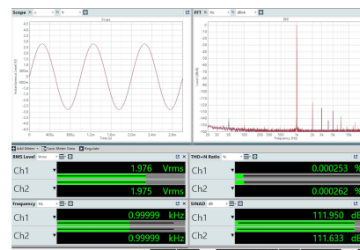
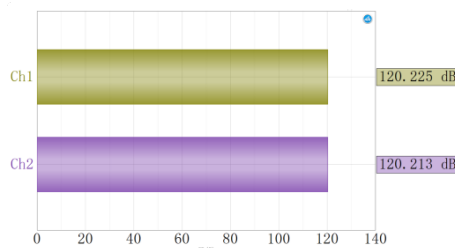
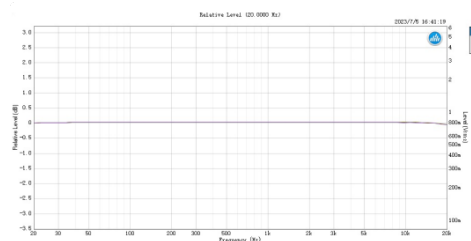


Line-Out performance

SNR: 120dB (A-wt)

THD+N (1 kHz): 0.00032% (-110 dB) for 44.1k to 192k

FR curve: +/-0.05dB





Features



WiiM mini



WiiM Pro



WiiM Pro Plus

Ethernet	-	YES	YES
DAC IC	TI PCM 5121	TI PCM 5121	AKM 4493SEQ
Analog Out SNR	106 dB	106 dB	121 dB
THD+N (Analog Out)	-92dB (0.0025%)	-92dB (0.0025%)	- 113dB (0.00023%)
Analog Input (ADC)	Fixed 48k, 16bit	Fixed 48k, 16bit	Up to 192k, 24bit
Chromecast Audio	-	YES	YES
Group with Nest speakers and Display	-	YES	YES
Group with Echo speakers and Display	YES	YES	YES
Alexa Multiroom with UHD	-	YES	YES
Group with HomePods	YES	YES	YES
Works with Alexa	YES	YES	YES
Works with Google	-	YES	YES
Works with Siri	YES	YES	YES
Group with WiiM or Linkplay devices	YES	YES	YES
AirPlay 2	YES	YES	YES
AirPlay Cast	-	YES	YES
DLNA	YES	YES	YES
Roon	-	YES	YES
Spotify Connect	YES	YES	YES
TIDAL Connect	YES	YES	YES
Gapless Playback	YES	YES	YES
10-band Graphics EQ	YES	YES	YES
Linkplay Music Streaming Platform	YES	YES	YES



Specifications



WiiM mini



WiiM Pro



WiiM Pro Plus

CPU	Dual-Core A7	Dual-Core A53	Dual-Core A53
DRAM	128 MB	512MB	512MB
Flash	128 MB	512MB	512MB
Dimension	2.7 x 2.7x 0.9 (inch) / 69 x 69 x 24 (mm)	5.5 x 5.5 x.1.6 (inch) / 140 x 140 x 42 (mm)	5.5 x 5.5 x.1.6 (inch) / 140 x 140 x 42 (mm)
Weight	1.41 oz / 40 g	11.6 oz / 330 g	14.1 oz / 400g
Audio Codec	MP3, AAC, ALAC, APE, FLAC, WAV, WMA, AIFF, OGG	MP3, AAC, ALAC, APE, FLAC, WAV, WMA, AIFF, OGG	MP3, AAC, ALAC, APE, FLAC, WAV, WMA, AIFF, OGG
Wi - Fi	802.11 b/g/n/ac 2.4 GHz and 5 GHz dual bands Wi-Fi	802.11 b/g/n/ac 2.4 GHz and 5 GHz dual bands Wi-Fi	802.11 b/g/n/ac 2.4 GHz and 5 GHz dual bands Wi-Fi
Bluetooth	Bluetooth 5.0	Bluetooth 5.0	Bluetooth 5.0
Audio Input Port	Aux	Line-In, Optical	Line-In, Optical
Audio Output Port	Aux, Optical	Line-Out, Optical, Coax	Line-Out, Optical, Coax
Power Supply	5V, 1A	5V, 2A	5V, 2A