

AIRPULSE

A300 Pro

ACTIVE SPEAKER

Since its launch on the market, the A300 has quickly captured the attention and recognition of high-end audio connoisseurs. The performance from its crystal clear high-frequencies, full and articulate mid and low-frequencies won the praise and recognition of many audio enthusiasts. But that was just a beginning! The spirit of perfectionism in high end audio has pushed us to continue the quest to take this product to the next level.

Our Airpulse A800 wood horn speaker first showcased at the Consumer Electronics Show in 2019. At the exhibition, it immediately attracted the attention of visitors as well as news media that was on the lookout for something new and exciting. The unique design of the A800 speaker came in a beautifully designed wood horn cabinet. It also incorporated conventional hardwiring and wireless features into one system with ease of use and practicality.

The amplifier inside the left and right speaker of the A800 is completely symmetrical to each other. They can be connected wirelessly to become a stereo system, or to analogue signals individually or in pairs. The coexistence of wireless and hardwiring design eliminated the headache of wiring while the wired analogue input also provides enthusiasts with a platform they can play with!

The overwhelmingly positive response for the A800 inspired us to expand this unique idea to a more cost-effective model to suit the budget of the majority audio lovers. We wanted to incorporate the acoustic design of the A300 bookshelf and the electronic design in the A800 wood horn speaker to create a powerful bookshelf system with 6.5 woofers.

And that's the legacy of the Airpulse300 Pro.



Hi-Res
AUDIO

XMOS[®]

AIRPULSE



Dual symmetrical amplifier system

Texas Instruments

Besides the top-of-line audio front end components, the core signal processing is built on XMOS xCore200 multi-core processor and a DSP chip TLV320AIC3268 from Texas Instruments. Class D amplifiers used inside the speakers are Texas Instruments' top-of-line model TPA3251.

Proprietary Synchronization Technology

Wireless signal distribution between left and right speakers is built on the microchip's proprietary technology known as KlearNet. The radio is transmitted over 5.2GHz and 5.8GHz spectrum, and with a 22MHz radio bandwidth the technology guarantees lossless transmission of audio signal.

TRANSPARENT Speaker Cable

No detail was left unattended in the A300Pro. We selected TRANSPARENT brand, a US made cable for internal connections to ensure maximum accuracy of signal transmission.



Bluetooth 5.0 with AptX

The Bluetooth audio receiver is built with QCC3031 from Qualcomm, which is a Bluetooth V5.0 chipset with AptX HD high-fidelity codec. It can offer a much better audio playback experience than traditional Bluetooth SBC audio.

A300Pro also offers a USB digital audio interface which supports UAC2 digital audio application. An ASIO audio drive is provided to enable Windows us



Product Information

Description	: Active Hifi speakers with HiRes Audio
Bluetooth	: 5.0
Tweeter	: Horn Loaded Ribbon Tweeter
Mid-Woofer	: 6.5" Aluminium Cone Underhung Designed Neodymium powered Mid Woofer
c System	: Digital Amplifier With Xmos Processor
Frequency Response	: 40Hz-40KHz
Signal-Noise Ratio	: L/R:≥90dB(A)
Input Interface	: AUX, Balance Input, USB, Optical, Coaxial, Bluetooth. The USB, Optical and Coaxial inputs support up to 192KHz input sample rate
Treble Trimmer	: 4KHz Shelf Filter -6dB~+2.4dB
Bass Trimmer	: 95Hz Shelf Filter -6dB~+6dB
Mains Voltage	: 100-240V AC 50/60Hz

Power Output	: L/R(Treble):10W+10W L/R(Woofer): 120W+120W
Input Sensitivity	: Balanced:1100350mV, Unbalanced: AUX:700350mV, USB:550350mFFs, Optical:500350mFFs Coaxial:500350mFFs, Bluetooth:500350mFFs
Cabinet Size (WxHxD)	: 225 x 385 x 350(mm)
Net Weight	: 25.6 Kg (56.6 Pounds) / Set
Colour	: Cherry wood

What's In the Box

- A300Pro 2.0 Active Speaker
- Quick Start Guide
- Main lead
- Audio cable