

AM5

UNIVERSAL HIGH-END ACTIVE MONITOR

The sound-neutral HDF cabinet of the AM 5 is available with a semi-gloss surface in black or white lacquer.

Technical data

Type	Active Monitor
Engineering principle	2-way, bass reflex system
Nom./Music power handling	80 / 100 Watt
Sound pressure level	97 dB SPL
Frequency response	50...38,000 Hz
Crossover frequency	3,000 Hz
Woofer	1 x 115 mm Aluminium
Tweeter	1 x 25 mm Aluminium
Features	Automatic on/off switch, frequency response adaptation (bass, midrange, treble), wide range switch mode power supply, DSP with fully digital 24 bit signal processing, integrated limiter with soft clipping, active crossover network
Connections	1 XLR (balanced), 1 cinch (RCA)
Special features	Thermo protection, short-circuit protection, overcurrent protection
Input sensitivity	10 dBu, 0 dBu, -6 dBu
High-pass filter	50 Hz, 70 Hz, 100 Hz
Treble adjustment	+ 2 dB, 0 dB, - 2 dB
Midrange adjustment	0 dB, - 2 dB, - 4 dB
Bass adjustment	+ 2 dB, 0 dB, - 2 dB
SNR	95 dB
Common mode rejection XLR	71.5 dB
Power input (standby)	< 0.5 W
Dimensions (W x H x D)	14 x 24 x 16 cm (5.5" x 9.5" x 6.3")
Weight	3.1 kg
Cabinet finish	HDF cabinet Black lacquer semi-gloss White lacquer semi-gloss
Optional accessories	Wall mount including safety cable and spacer



Changes, in particular of a technical nature, and errors excepted.

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The audiophile all-rounder

Every loudspeaker has its perfect area of application. The compact AM 5 Active Monitor has more than one. Thanks to its switchable high-pass filter and the bass, midrange and treble sound settings, it can be adjusted to suit a variety of positions, locations, areas of application and personal listening habits. It therefore offers perfect listening pleasure for sophisticated audiophiles.

An overview of the benefits

- High quality Class-D amplifier with fully digital signal processing
- High performance switch mode power supply with low heat generation
- Aluminium loudspeaker systems for extremely precise impulse response
- Universal application thanks to versatile installation options
- Integrated audio limiter with soft clipping

Professional studio monitor



Thanks to its linear frequency, the low-distortion playback and studio quality connection and installation options, the AM 5 is the perfect nearfield monitor. Possible areas of application include recording and radio studios as well as sophisticated home recording set-ups. The AM 5 is easy to use and built to last. Despite its compact dimensions it offers powerful playback of bass frequencies up to 50 Hz.

Top quality HiFi and TV loudspeaker



Equipped with all the virtues of an active studio monitor, the AM 5 is also a fully-fledged HiFi loudspeaker and an outstanding TV companion. When connected directly to the TV via the headphones jack, it can be easily controlled using the TV remote control and its impressive sound optimisation turns every film into great cinema. An optional bracket makes it perfect for wall mounting next to flat screen TVs.

Robust presentation loudspeaker

The high performance AM 5 Active Monitor with its outstanding voice clearness is the optimal choice for presentation rooms and telephone conferences. The switchable high-pass filter can be used to suppress unwanted low frequency noises. Several AM 5 devices can be combined to achieve optimal sound quality, depending on the size of the room.



Highly effective multimedia loudspeaker

The AM 5 Active Monitor is the ideal Plug&Play sound solution for PC, MAC, laptop and tablet. It turns PC games into an intensive experience and makes every streaming client and music server an audiophile stereo system. It can also be combined with virtually all smart phones and MP3 players. The integrated switchable sound adjustment always ensures the best possible playback.



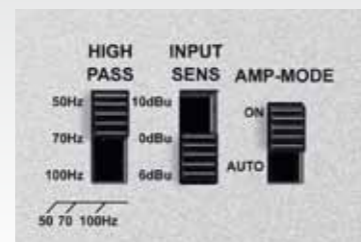
Connections

Equipped with an interference-free, symmetrical XLR input (e. g. for mixing desks) and a universal cinch input, the AM 5 offers connection options for professional and home use.



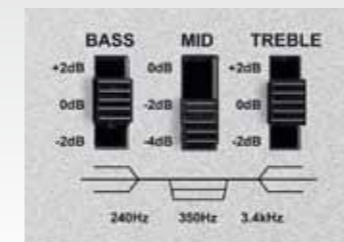
Settings

The integrated high-pass filter allows bass playback to be limited at 50, 70 or 100 Hz. The switchable input sensitivity enables different signal sources to be adapted to the output voltage. The automatic on/off switch with LED display can be switched to permanent operation.



Frequency adjustment

Three switchable sound settings enable acoustic adjustments to be made in the bass, midrange and treble frequencies. The filters have been designed to ensure an optimal sound experience in all possible adjustment and application options.



Driver technology

The tweeter system of the AM 5 is fitted with a 25 mm aluminium dome. The ultra-light wave system is driven by a high performance neodymium magnet. The wave guide built into the front plate supports the controlled dispersion characteristics of the tweeter.

