

hd MP-Series

Multi Purpose Loudspeaker

The **hd MP10N**, **hd MP12N** and **hd MP15N** are full range cabinets that have been specifically designed and optimized to be true a real multi-purpose loudspeaker for permanent installation and mobile applications. The innovative acoustic design achieves a true linear response - not only in terms of flat frequency response, but also in the dynamic range and every other acoustic parameter. Precisely engineered and elaborate crossover ensures outstanding high performance of the compact speakers. The hd MP-Series cabinets are equipped with most powerful neodymium low-frequency drivers with 600W/2400W (RMS/Peak). The new neodymium high frequency driver is coupled to a large, rotatable horn with a particularly low crossover frequency, which guarantees a high directivity and controlled radiation behavior in the important voice range. Two different horn variants allow different horizontal and vertical dispersion patterns of 90° x 60° or 60° x 40°.

The acoustical and mechanical design guarantees a coherent, free of interference and balanced reproduction of different music styles and sounds even without additional DSP. Harmonic Design® MPs can easily be connected to any standard power amplifier. Noteworthy is the unique reproduction of transients and the tonal depth and clarity of effects. The SuperVented cabinet design combined with an extremely resilient voice coil paired with the neodymium magnet geometry assembly of the latest technology makes the hd MP-Series a dynamic full range loudspeaker. They are seamlessly integrated into the Harmonic Design® system philosophy by simply adding multiple subwoofers of the hd Sub-Series or hd P-Series as well as driving up to four hd MPs on a single Harmonic Design® system amplifier channel.



hd MP10N
Multi Purpose Loudspeaker



hd MP12N
Multi Purpose Loudspeaker



hd MP15N
Multi Purpose Loudspeaker



The rounded and asymmetrical enclosure is made of high-quality birch multiplex and is provided with a weatherproof polyurethane coating. The integrated 35 mm tripod adaptor allows use on a stand as a front system and is complemented by two practical monitor angles of 32/35° and 45° for decent and resounding monitor applications. Three Speakon connectors - two on the back, one on the bottom - ensure unobtrusive and kinking-free wiring. A powder-coated steel grille with acoustic foam on the inside protects the drivers. An ergonomic handle for transport is placed on top of the cabinets. The hd MP15N has an extra pair of grips on the bottom. Extensive accessories and twelve integrated M8 mounting points offer maximum flexibility for daily changing sound reinforcement tasks. In addition to the extremely robust polyurethane coating in black or white, RAL colors are also available.



Key Features

- coverage 90° x 60°, 60° x 40°, rotatable
- high SPL output
- lightweight compact enclosure
- extended full range performance for standalone use
- usable without DSP
- extensive optimized crossover
- outstanding voice and music quality
- monitor angle of 32°/35° and 45°

Applications

concert halls, mobile use, A/V installations, discotheque, sports arenas , KTV, public buildings

Options

RAL color, various mounting solutions, transport cover, outdoor

for extended low frequency usage

hd Sub-Series, hd P-Series, hd Infra218

Model	Transducers	Impedance	Power Rating RMS / Peak	Sensitivity (1W / 1m)	SPLmax	Freq. Range (-6dB)	Weight	Dimensions W x H x D (mm)	Monitor Angle
MP10N	10"N / 1.4"N	8 Ω	600 / 2400 W	100 dB	133 dB	60 Hz - 20 kHz	15 kg	300 x 520 x 300	35° / 45°
MP12N	12"N / 1.4"N	8 Ω	600 / 2400 W	100 dB	134 dB	55 Hz - 20 kHz	18 kg	354 x 575 x 320	32° / 45°
MP15N	15"N / 1.4"N	8 Ω	600 / 2400 W	101 dB	134 dB	50 Hz - 20 kHz	23 kg	430 x 650 x 380	32° / 45°