

HPMA-120 PLAY

Single-Zone 120W Class-D Compact Mixer Amplifiers with DAB+, FM, USB, BT Player

Sound system installations for commercial applications, while requiring more and more versatility and high performance in terms of power and sound pressure, have increasingly limited space. HELVIA is well aware of these requirements and offers a line of single-zone mixer-amplifiers in standard ½ 19" rack unit format with power ratings ranging from 30W to 240W, capable of operating on both 70V/100V and low impedance lines up to 2 ohms with maximum stability (2-ohm operation is provided only for 120W and 240W models; for 30W and 60W models the minimum limit is 4 ohms).

The HPMA series - where "P" stands for Pocket - integrates a mixer with 1 Combo Mic/Line input with 48V Phantom, a front AUX input with stereo mini-jack plus a rear stereo AUX RCA input, and a Multimedia Player with DAB+ and FM tuner, USB player and BT; the level of each input is independently adjustable from the front panel.

The Class-D amplifier modules integrate digital processing with limiter, overheat protection, fan control, DC-offset and in-current to ensure operation at any high impedance audio level down to a minimum of 2 ohms* in complete safety. HPMA-Play series amplifiers can be rack mounted with the optional HPMA R1-Kit mounting kit.



PRODUCT DETAILS

Key features

Dimensions contained in ½ rack unit

120W RMS Power

Operation at 70V/100V and up to 2Ω

24V DC Auxiliary Power Supply

3-channel mixer with combo Mic/Line input and RCA Stereo Aux input

+48V phantom power for condenser microphones and priority

Priority on Mic/Line Input

RCA Line output

Multimedia player with DAB+, FM, USB, BT and Remote Control

Mute Function in emergency case

Specifications

Output RMS Power	120W
Maximum Power Consumption	155W
Low Z output impedance	2Ω
Phantom Power Voltage	+48VDC
Total Harmonic Distortions	< 0.4% @ 1kHz
Input Impedance	1kΩ (mic/line)
Input Sensitivity	-10 dB (line), -45 dB (mic)
S/N Ratio	80 dB (line), 75 dB (mic)
Frequency Response (70V/100V Out)	80 Hz - 19 kHz
Frequency Response (Low-Impedance Out)	20 Hz-20 kHz
Equalizer	Bass - 140 Hz +/-7.5 dB; Treble - 16 kHz +/-10 dB
Main Power Supply	230VAC, 50Hz
Fuse	xA - 250V
Auxiliary Power Supply	24VDC
Dimensions (WxDxH)	210 x 320 x 44 mm - 8.3 x 12.6 x 1.7 in
Product Weight	3.5 kg - 7.7 lbs.