

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.



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HIGHLIGHTS



COMPACTNESS AND VERSATILITY

In half a 19" rack unit, the HPMA series offers a player with FM, DAB+, USB, Bluetooth and amplifiers for low or high-impedance systems from 30W to 240W.

NO MATTER WHAT SPEAKERS YOU NEED, HPMA IS THE SOLUTION FOR ALL

Whether you need Low Impedance (down to 4ohm) or Constant Voltage (70/100V) speakers, HPMA-120 PLAY is equipped with a 120W RMS Class-D amplifier. You have to select on the rear panel the mode corresponding to the speakers to be used and that's it.



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EASY RACK MOUNTING

With the optional HPMA-RACK KIT1 (ask your HELVIA installer or dealer) you can easily mount HPMA series mixer-amplifiers in 1-unit 19" racks.



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PRODUCT DETAILS

KEY FEATURES

Dimensions contained in ½ rack unit

120W RMS Power

Operation at 70V/100V and up to 2?

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 | 2? |
| Phantom Power Voltage | +48VDC |
| Total Harmonic Distortions | < 0.4% @ 1kHz |
| Input Impedance | 1k? (mic/line) |
| Input Sensitivity | -10 dB (line), -45 dB (mic) |

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| | |
|---|---|
| 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. |