MX-HPA
Balanced Headphone Amplifier

Ultra High Performance Headphone Amplifier

Years of experience in making high quality headphone amps have been distilled into the design of the MX-HPA. As a result, this fully-balanced headphone amp offers an awe-inspiring listening experience.

The MX-HPA's technical performance is stunning. Typically, distortion from 20 Hz to 40 kHz is less than 0.005%. Signal-to-noise ratio is better than 120dB ('A' weighted). Frequency response is ruler flat from 10 Hz to 20 kHz (-0.1dB).

The MX-HPA is capable of a short-term peak of 10 watts (for one cycle) and has two gain positions: 18dB (8X) and 24dB (15X). Inputs are either balanced or single-ended. The MX-HPA will automatically convert single-ended inputs to balanced. The MX-HPA is genuinely fully balanced from beginning to end.

MX-HPA In Brief

- Fully balanced, studio design, purist headphone amplifier
- Incredible technical performance
- Will drive any headphone with ease
- Wide bandwidth: 10Hz-40kHz at +0, -3dB
- Very low noise
- Very low distortion: < 0.003%, 20Hz to 20kHz
- Outstanding channel separation
- Powerful, muscular, output into 32 ohms
- Beautiful aesthetics and build quality

MUSICAL FIDELITY

MX-HPA BALANCED HEADPHONE AMPLIFIER

SPECIFICATION

Output

Power 1.8 Watts per channel into 8 Ohms (27dBW)

Maximum output voltage 19 Volts RMS, 20Hz to 20 kHz

Onset of clipping (54 Volts peak-to-peak) balanced

Line input

THD+N >0.005% typical, 20Hz to 20 kHz

Signal / noise ratio >120dB 'A'-weighted

Input impedance 50k Ohms

Frequency response +0, –0.1dB, 10Hz to 20 kHz

Gain, LO position (volume max) 18db (8x)

Gain, HI position (volume max) 24dB (15x)

Connections

Line level inputs

1 pair line level XLR (balanced) connectors

1 pairs line level RCA connectors

Headphone outputs

1 pair 3-pin XLR/$\frac{1}{4}$" stereo Jack combined sockets

Power requirement

Mains voltages 90-250VAC 50-60Hz universal worldwide supply

Consumption >0.25 Watts standby (Orange LED lit)

15 Watts maximum (Blue LED lit, full power output)

General

Dimensions - WxHxD (mm): 220 (8^{2}/$_{3}$") x 53 (2") x 240 mm (9½")

Weight (unpacked / packed): 2.2 kg (5 lbs) / 3.7 kg (8¼ lbs)