amphion create

Amp400.8

The Amp400.8 provides an exceptional level of multichannel amplification. It is built on the highly advanced Class-D platform, which offers abundant, fast, controlled, and low distortion power. To reach the needed sonic character and performance, an in-house designed buffer-stage was added to complement the merits of the latest Class-D technology. The buffer stage improves the impedance characteristics and cohesion between the channels, so that speed, control, neutrality, and ultra-low distortion can come across in an emotionally involving manner.

Though Amp400.8 was mainly developed for immersive audio, nothing prevents using it for other multichannel applications as well. As all 8 channels are identical and discreet it can also also be used in a 2-channel environment for driving up to 4 pairs of passive speakers. It will equally drive both 8 ohm and 4 ohm loads, and partners perfectly with all Amphion models. Though Amp400.8 was developed and optimized for Amphion monitors, it provides excellent results with wide range of passive speakers. Neutrik XLR and Speakon connectors offer a convenient and secure way to connect the amplifier to rest of the system.



amphion create

Technical specifications	Amp400.8
Power rating	410 W @ 1 % THD+N, 20 Hz – 20 kHz, 4 Ω (2 channel driven) 205 W @ 1 % THD+N, 20 Hz – 20 kHz, 8 Ω (2 channel driven)
Dynamic range	121.5 dB(A)
Peak output current	20A
THD+N 1 W@1 kHz	0.001 % @ 10 W (4 Ω, 100 Hz) SE
Amp + power supply efficiency (max)	>90 %
Mains	Universal mains, auto select (100-240 V, 50-60 Hz)
Certification	Safety EN/IEC/UL 62368-1 EMC EN/IEC 55032 (CISPR 32)
Inputs	Balanced 3-pin XLR female
Speaker connectors	Neutrik Speakon (NL2FX) 2-pole cable
Casing	19” rack mountable (3U), high quality aluminium
Power switch	Back panel, rocker switch
Measurements (W x H x D)	483 x 133.3 x 317 mm
Weight	7.2 kg (16 lbs)
	Assembled in Finland