CHAMP-3D

Convection cooled 3-channel digital power amp

The CHAMP-3D is a 3-channel fully programmable digital amplifier with all the essential features to meet your customer's expectations. This versatile power center is ideal for medium to mid-sized applications up to 2100 watts and because of its convection cooling the amplifier has no fan inside so will stay dust-free.

The Hypex class-D amplifier modules inside a high damping factor is guaranteed which results in a real dynamic, warm and high-end sound. Without compromising on the advantages like low power consumption, high efficiency, low weight and a fanless design, Hypex has tackled all known disadvantages of digital amplification.

The built-in loudspeaker wizard of CHAMP-3D makes your life easy during set-up.

This wizard offers you an easy way to select all Apart top cabinets and subwoofers which will now automatically be configured with the ideal DSP settings to protect your sound system and to guarantee a warm and dynamic high-end sound!

With the built-in high class DSP processor you have the possibility to adjust the 4-band full parametric EQ and crossover, delay, compressor and limiter-leveller. Once all your settings have been done, you can make multiple user permission levels to avoid tampering by unauthorized or unqualified people: another guarantee for a reliable and ideal sounding sound system.

TECHNICAL SPECIFICATIONS

19" (483 mm wide) rack mounting	Yes
depth (build in) in mm	345
power supply in volts	230 VAC
output power RMS 4 ohms in watts	2 x 350
output power RMS 8 ohms in watts	2 x 225
subwoofer music program power in watts	1 x 1350
subwoofer minimum impedance load in ohms	2
line input balanced	2
RS232 (serial communication port)	Yes
cooling system	convection

height- rack units (1U=44 mm) in U	2
depth (incl front) in mm	378
power consumption (max) in watts	1500
subwoofer output power RMS 2 ohms in watts	1 x 1100
dynamic output power in watts	2 x 370
minimum impedance load in ohms	2.7
output channels	3
tone control	Yes
frequency response (in Hz)	10 - 24K
applicable low impedance	Yes

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