

# CHAMP-3D

Convection cooled 3-channel digital power amplifier



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-leveler. 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

dynamic output power 4 ohms in watts	2 x 370	RMS output power 4 ohms in watts	2 x 350
dynamic output power 8 ohms in watts	2 x 250	RMS output power 8 ohms in watts	2 x 225
dynamic output power 2.7 ohms in watts	2 x 530	subwoofer output power RMS 2 ohms in watts	1 x 1100
subwoofer dynamic output power 2 ohms in watts	1 x 1350	subwoofer minimum impedance load in ohms	2
minimum impedance load per channel in ohms	2.7	power consumption (max) in watts	1500
19" (483 mm wide) rack mounting	Yes	height- rack units (1U=44 mm) in U	2
depth (build in) in mm	345	depth (incl front) in mm	378
power supply in volts	230 VAC	output channels	3
line input balanced	2	tone control	Yes
RS232 (serial communication port)	Yes	frequency response (in Hz)	10 - 24K
cooling system	convection	applicable low impedance	Yes
Net weight product (kg)	16,10		

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