

CHAMP TOP

High Power Class D, SMPS Amplifier



2x 1100W
8 ohms

2x 1800W
4 ohms

3600W
8 ohms Bridge

The CHAMP series is a very flexible and cost-effective amplifier. It is a new milestone in Class D professional power amplifier. Using advanced Class D power module and SMPS power module, making it with the high efficiency, reliability, and high power density as well. It is designed to provide an unprecedented strong power, that delivered from 1 RU, cost-effective cabinet.

FREQUENCY RESPONSE (1/8W 8Ω STEREO)	20Hz – 20kHz
S/N RATIO	> 106dB
THD+N (THD@1KHZ AND 1/8 RATED POWER)	<0.035%
DAMPING FACTOR (8Ω, 1KHZ AND BELOW)	> 800
SLEW RATE	> 20V/uS
CHANNEL SEPARATION	≥70dB
INPUT CONNECTORS	2x 3-pin XLR female and link
OUTPUT CONNECTORS	2x SpeakOn
OUTPUT MODES	Stereo, Parallel, Bridge
INPUT SENSITIVITY	32dB/1V/0.775V
LED INDICATORS	ON, Signal, Clip, Prot
FILTER CAPABILITY	1000uF/160V x 20pcs
AC LINE VOLTAGE	PFC, 90~265V
DIMENSIONS (D X W X H)	268 x 483 x 44mm
NET WEIGHT	5.7 Kgs



CLASS D
Technology



SMPS
Power Supply



PFC Technology
(Power Factor Correction)



1U Rack size