Amplifier

DA2.8

4 channels Power amplifier

Apex CloudPower DA2.8 professional amplifiers feature built-in DSP and and secure, remote control over the cloud.

Connect the amplifier easily to the WebUI on any HTML5 capable browser (MAC, PC, IOS, Android) with the built-in WiFi hotspot, or to a local area network via cat5 cable.

Multiple amplifiers can be controlled through the same WebUI using the trusted and comprehensive workflow of our IntelliWare software package.

Log in to Apex Cloud and remotely manage your amplifiers from your office. Save time and money by monitoring performance and adjusting functions without the need for a site visit.

Featuring high-end studio-grade analogue circuit designs, the Apex CloudPower series sets a new benchmark in powered system management and speaker processing design. The proprietary Class-D amplifier control loop features GlidePath direct drive technology and exceptionally low intermodulation figures resulting in wide stereo imaging.

Whether the application is a standalone system amplifier, or a comprehensive networked system with multiple amplifiers, the Apex CloudPower series is designed to provide the solution that our clients demand. With comprehensive loudspeaker preset capability, implementing CloudPower into your system couldn't be easier.

Number of channels : 4

Output power @8Ω : 500W per channel
Output power @4Ω : 700W per channel
Output power @2Ω : 700W per channel

Output power @4Ω bridge : 1400W
Output power @8Ω bridge : 1400W

Output power 100V mode : 140W

Inputs : Analog
Remote : GPI or Ethernet

Warranty 5 years

APG

General

Number of channels	4				
Output Power	Stereo mode			Mono bridged mode	
	2Ω/ch	4Ω/ch	8Ω/ch	4Ω/ch	8Ω/ch
	4x700W	4x700W	4x500W	1400W	1400W
Max Output Voltage/current	100V (Peak)/45A(Peak)				

AC Main Power

Power supply	Universal, regulated switch mode with PFC			
Operating voltage	100-240V ±10%, 50-60Hz			
Consumption/current draw	@115V		@230V	
Idle	30W	0,3A	30W	0,15A
1/8 of max output power @4Ω	375W	3.3A	375W	1.65A

Audio

Gain	-80 to +15dB, 0,1dB steps
Frequency response	1Hz – 22kHz (1W @8Ω ± 0,5dB)
S/N ratio	>108dB (20Hz-20kHz @8Ω, A weighted)
Crosstalk separation	>70dB @ 1kHz
Input impedance	20kΩ balanced
THD+N / SMPTE IMD / DIM100 IMD	<0,1% from 0,1W to full power (typical<0,05%)
Slew rate	>50 V/us @8Ω, input filter bypassed
Damping factor	>500 @ 20-100Hz (Lo-Z)

Front panel

Indicators	Daylight viewable colour OLED display / Real time level, limit and fault indicators

Rear panel

Audio signal input connectors	4 balanced analog line inputs 4 x 3-pin Phoenix
Loudspeaker output connectors	Analog line outputs 4 x 2-pin Phoenix
Networks data Ports	Single port Ethernet Gigabit interface
Software Controls	IntelliCloud

Construction

Dimensions (L,H,W)	483 x 44,5 x 358 mm
Weight	6kg