

Amplifier

DA1.4

4 channels Power amplifier

Apex CloudPower DA1.4 professional amplifiers feature built-in DSP 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 : 350W per channel

Output power @4Ω : 350W per channel

Output power @2Ω : 350W per channel

Output power @4Ω bridge : 700W

Output power @8Ω bridge : 700W

Output power 100V mode : 140W

Inputs : Analog

Remote : GPI or Ethernet

Warranty 5 years



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Technical Specifications

General

Number of channels	4				
Output Power	Stereo mode			Mono bridged mode	
	2Ω/ch	4Ω/ch	8Ω/ch	4Ω/ch	8Ω/ch
	4x350W	4x350W	4x350W	700W	700W
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	185W	1.6A	185W	0.8A	

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				
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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	5kg				

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