Nota

The Ultra Compact PoE/PoE+ Amplifier

*Actual Size

Powersoft Nota is purpose-built for AV and IT system integrators who demand versatility, efficiency, and seamless integration in their installations.

Compact yet powerful, this professional PoE/PoE+ amplifier delivers up to 140 W across two channels, making it an ideal choice for networked environments where space and wiring constraints are critical.

Nota simplifies installations by using a single Ethernet cable for both power and data, significantly reducing complexity and cost. Through the Auto Setup function, Nota matches the impedance of the connected speaker and applies a high pass filter at the touch of a button.

Its DSP capabilities and speaker health monitoring ensure reliable performance, while compatibility with AES67 guarantees straightforward integration into existing AoIP networks.

Designed to support a wide range of applications—commercial spaces, conferencing environments, and retrofit projects—Nota offers the flexibility to adapt to diverse system needs.

It empowers users with full control via Powersoft's ArmoníaPlus software or third-party solutions through provided APIs, streamlining system management without requiring deep technical expertise.

Whether creating cost-effective new systems or enhancing existing installations, Nota combines modularity, ease of use, and efficient operation in one compact solution.

For integrators seeking a streamlined yet powerful amplifier that fits modern networked demands, Nota delivers an unmatched balance of performance and simplicity.

- PoE/PoE+ Powered
- Class-D design
- USB-C Connectivity
- Auto Setup
- Power Sharing
- Integrated DSP
- Lightweight and compact design
- Mounting accessories

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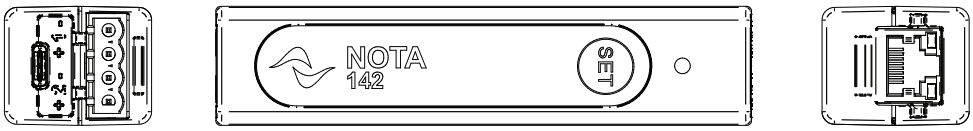

Specifications

Audio parameters				
Number of Output Channels		2		
Rated power @ 4 Ω		140 W		
Power Source		PoE+	PoE	
Max output power	per channel @ 16 Ω (symmetrical)*	35	30	W
	per channel @ 8 Ω (symmetrical)*	50	35	W
	per channel @ 4 Ω (symmetrical)*	70	50	W
	per channel @ 2 Ω (symmetrical)*	50	35	W
	per channel @ 16 Ω (asymmetrical)**	40	35	W
	per channel @ 8 Ω (asymmetrical)**	70	50	W
	per channel @ 4 Ω (asymmetrical)**	110	75	W
	per channel @ 2 Ω (asymmetrical)**	80	55	W
Frequency Response		10Hz – 22KHz		
THD+N (from 0.1 W to Half Power)		<0.05%		
Dynamic Range		-115 dB(A)		

*: All channel driven
**: Maximum power-sharing capacity per channel

Environment	
Operating temperature	0°C ÷ +35°C
Humidity	90% not condensing
IP Class	40

DSP	
DA Converters	24 Bit @ 48 kHz 115 dB-A Dynamic Range
Internal precision	32 bit floating point
Latency	<10 ms
EQ	parametric IIR: peaking, hi/lo-shelving, all-pass, band-pass, band-stop, hi/lo-pass
Crossover	Butterworth, Linkwitz-Riley, Bessel: 6 dB/oct to 48 dB/oct (IIR)
Limiters	RMS voltage, Peak limiter
Input Delay	0-100 ms
Output Delay	0-10 ms
Startup time	1.1 ms

Power Supply	
PoE/PoE+	57-44 V
Max continuous current drawn	600 mA
Efficiency	≥75%

Mechanical parameters	
Nominal Size (D x W x H)	115 x 25.4 x 31.4 (WxDxH) mm 4.5 x 1 x 1.2 (WxDxH) in
Weight	198 g 0.43 lb