

PL-SERIES

Installation amplifiers



PROPHON

SOUND SYSTEMS

Stockholm | Sweden
Since 1985

PL-SERIES

Class-H amplifier with conventional power supply, designed for a variety of applications. Suitable for installations in work-out centres, live stages, bars, pubs, nightclubs, schools, cinemas and for tour applications.

Reliable technology for a low service cost and a long life span.

The PL1600 and the PL3400 are stable down to 2 ohm load with impedance matching technology, where you set a switch on each channel on the matching load the speaker have on the amplifier, this enables the power supply to adapt the current for a better and more efficient power.

There are a Limiter that can be set to on or off, depending on application

Three different sensitivities can be selected: 0,775V/1,4V/32dB

Features:

- Conventional torroid power supply transformer for reliable technology and great sound
- Standard 19" 2RU chassis for easy rack-mounting.
- Stable in 2 ohm load stereo, and 4 ohm load in bridge mode
- From 2 x 500W to 2 x 1800W for use in a variety of setups and applications
- OVP technology (Impedance matching) 2 ohm, 4 ohm, 8 ohm select switch
- Limiter on/off- switch
- Neutrik Powercon input
- Neutrik XLR for signal input/through
- Neutrik Speakon and pole screw terminals output to speakers
- Extensive protection circuits against thermal, overheat, short circuit, clip.



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TECHNICAL SPECIFICATIONS PROPHON PL-SERIES

MODEL	PL1600	PL3400
Output power 8 ohm	2 x 500W	2 x 900W
Output power 4 ohm	2 x 700W	2 x 1500W
Output power 2 ohm	2 x 800W	2 x 1800W
Output power bridged 8 ohm	1600W	3000W
Output power bridged 4 ohm	2800W	3600W
Power supply	Conventional torroid Transformer	
Amplifier Type	Class H	
Distortion 1kHz, 1 dB below clipping	0,05% THD (Total Harmonic Distortion)	
Slew rate	55V/μs	
Damping factor	500	
Connectors input signal	2 x XLR, male for input 2 x XLR female for link through	
Connectors Output	2 x Neutrik Speakon + Pole screw terminals	
Connectors Power input	Neutrik Powercon	
Operation Voltage	198-242V	
Sensitivity Switch	32dB 1,4V 0,775V	
Soft start	Yes	
Limiter	Yes On / off select switch	
Modes	Stereo Parallel Bridge	
Rack dimensions	Standar 19" rack size in width 2 RU in height (Rack Units)	
Dimensions (mm.)	W483 x D365 x H89	
Shipping dimensions (mm.)	W544 x D544 x H123	
Weight	15 kg.	20,5 kg.
Shipping weight	17 kg.	22,5 kg.

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