

# PE-900

B00263

## DESCRIPTION

The Power Edge 'Class H' amplifiers are designed for pure power 2x 450Wrms / 4ohm

## FEATURES

- The Power Edge 'Class H' amplifiers are designed for pure power. Thanks to the big power reserve, excellent limiters and protections they can be used in all kinds of different applications such as discotheques, clubs, mobile audio, PA, rental, theater, ...
- Very compact housing, only 2U high
- PE-series can be driven in 2 Ohm
- Power (1kHz, THD+N<0,1%) :
  - In Stereo mode : from 2x 300Wrms in 8Ω until 2x 540 Wrms in 2Ω.
  - In Bridged mode : from 1x 900 in 8Ω until 1x 1080W in 4Ω.
- Soft start
- Very efficient cooling using variable speed fans
- Automatic current limiter
- Short circuit protection
- DC fault protection
- High temperature protection
- Overload protection
- Can be used in stereo, bridge and mono mode
- Balanced inputs with combo connectors
- Balanced XLR signal outputs for daisy chaining
- Input sensitivity correction: 0,775V / 1,0V / 1,44V
- 3 Speakon outputs.



[www.synq-audio.com](http://www.synq-audio.com) | <https://www.facebook.com/synq.audio/>

Beglec NV has the right to change products and specifications with and without notice. Major as well as minor changes can be involved. This leaflet can contain errors, therefore we advice to consult your local dealer to ensure that actual features and specifications match your requirements. Copyright © 2019 by BEGLEC NV. All rights reserved.



TECHNICAL SPECIFICATIONS

General : Application	Commercial, DJ & Club, Stage & Rental
General : Dimensions (cm)	48.3 x 8.8 x 42.5 cm
General : Weight (kg)	16.8
General : Color	black
General : Powerinput	AC 240V, 50Hz
General : Energy Label	No
General : Display	none
General : Fixation	19" rack mountable
General : RU	2U
General : IP rating	indoor
Audio : amplifier class	H
Audio : min. frequency (Hz)	20
Audio : max. frequency (Hz)	20000
Audio : damping factor (>...)	300
Audio : max. output channels	2
Audio : Wrms 2Ω stereo, per channel	540
Audio : Wrms 4Ω stereo, per channel	450
Audio : Wrms 8Ω stereo, per channel	300
Audio : Wrms 4Ω bridge	1080
Audio : Wrms 8Ω bridge	900
Audio : functions	bridge mode
Connections : input	3 pin XLR, jack, Schuko CEE 7/7
Connections : output	3 pin XLR, speakon
Brand	SYNQ
EANCode	5420025602631

SPECIFICATIONS MODEL	PE-900	PE-1500	PE-2400
Power stereo 8Ω (1kHz, THD+N<0,1%)	2x300Wrms	2x500Wrms	2x800Wrms
Power stereo 4Ω (1kHz, THD+N<0,1%)	2x450Wrms	2x750Wrms	2x1200Wrms
Power stereo 2Ω (1kHz, THD+N<0,1%)	2x540Wrms	2x900Wrms	2x1440Wrms
Power bridge 8Ω (1kHz, THD+N<0,1%)	1x900Wrms	1x1500Wrms	1x2400Wrms
Power bridge 4Ω (1kHz, THD+N<0,1%)	1x1080Wrms	1x1800Wrms	1x2800Wrms
Power mono 8Ω (1kHz, THD+N<0,1%)	2x300Wrms	2x500Wrms	2x800Wrms
Power mono 4Ω (1kHz, THD+N<0,1%)	2x450Wrms	2x750Wrms	2x1200Wrms
Power mono 2Ω (1kHz, THD+N<0,1%)	2x540Wrms	2x900Wrms	2x1440Wrms
Freq. Resp. (+/-0,5dB)	20 - 20000Hz		
Input Sensitivity	0,775V~1,00V~1.44V		
Input impedance	20 kΩ		
S/R ratio (A-Weighted)	>100dB		
Damping factor	>300	>300	>450
Slew Rate	40V/uS	40V/uS	60V/uS
Cooling	variable speed fan		
Signal inputs	Balanced XLR/Jack		
Signal outputs	Balanced XLR		
Speaker outputs	Speakon®		
Power supply	AC230V / 50Hz		
Dimensions (WxHxD mm)	483x88x425	483x88x425	483x88x440
Dimensions ("U)	19"/2U		
Weight (kg)	16kg	20kg	25kg

YOUR DEALER



[www.synq-audio.com](http://www.synq-audio.com) | <https://www.facebook.com/synq.audio/>

Beglec NV has the right to change products and specifications with and without notice. Major as well as minor changes can be involved. This leaflet can contain errors, therefore we advice to consult your local dealer to ensure that actual features and specifications match your requirements. Copyright © 2019 by BEGLEC NV. All rights reserved.