PSSO PRIME System Amplifier DSP

Class D multi-channel PA amplifier with SMPS, 4 x 400 W RMS (8 ohms), 4 x 800 W RMS (4 ohms)

Art. No.: 10451701

GTIN: 4026397545456

The article is no longer in our assortment.

Features:

- 6-channel PA amplifier with high-performance DSP, freely programmable
- Sample frequency: 96 kHz and 64-bit technology
- Premium components ensure excellent sound features
- Efficient class D amplifier circuitry
- 2 Pascal amplifier modules
- 4 analog inputs and 2 digital AES/EBU interfaces (XLR)
- 4 analog link outputs (XLR)
- 2 Neutrik Speakon outputs
- Neutrik Powercon mains input
- Real-time remote control via built-in Ethernet LAN interface
- User-friendly software for PC and Mac included
- 80 presets can be stored and activated
- Manual control via encoder, LCD screen and buttons at the front panel
- 120 dB dynamic range
- Flexible routing
- 10 parametric EQ
- X-Over: Bessel, Linkwitz-Riley, Butterworth with 24 dB/octave
- Delay
- Limiter and noise gate
- Phase reverse
- Password protection
- Low weight and height due to integrated switch mode power supply
- Automatic power supply adaption between 100 and 240 volts without power selector
- Intelligent mains fuse protection
- Input current limiter
- Protection against turn-on and turn-off transients

Logistic

EAN / GTIN: 4026397545456
Weight: 13,50 kg
Length: 0.59 m
Width: 0.54 m
Heigth: 0.21 m

- DC protection of outputs
- Under and over voltage protection
- High damping factor> 1000
- Low distortion, THD+N < 0.05 %
- Rugged steel chassis with anodized aluminum front panel
- Rack installation with 2 units
- Windows XP, Vista, 7, 8 and Mac OS X 10.5.8 and better
- The device is cooled by temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

Technical specifications:

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	920 W 1/8 power
Output power:	4 x 400 W RMS (8 ohms)
	4 x 800 W RMS (4 ohms)
	2 x 1500 W RMS (8 ohms)
	2 x 2400 W RMS (4 ohms)
	2 x 1600 W RMS bridged (8 ohms)
Power connection:	Mains input via PowerCON (blue), mounting version power supply cord with safety plug (provided)
Frequency range:	20 - 40000 Hz
S/N ratio:	>120 dB
THD:	<0,05 % at 1 kHz
Network connection:	Protocol: Ethernet TCP/IP via 1x RJ-45 etherCON (F) mounting version
Cooling:	Temperature-controlled fan
Gain:	32 dB
Circuitry:	Class D
Damping factor:	>1000
Control elements:	Power switch, encoder, exit, menu
Controls:	Power on/off transients; DC voltage; power on/off transient
Status LED:	Signal, limit, protect, peak
Connections:	Output: speaker via 2 x 8-pin SpeakON mounting version (F)
	Input: line via 4 x 3-pin XLR
	Link: line via 4 x 3-pin XLR
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48,3 cm
	Depth: 48,2 cm
	Height: 8,9 cm
Weight:	12,15 kg