

## PSSO HSP-2000 SMPS amplifier

High performance amplifier at a minimum weight

Art. No.: 10451674

GTIN: 4026397198829



### Features:

- Combines analog amplifier design in class H technology and switch mode power supply
- 2-step power output for significantly less power loss and heat
- Advantages in low weight and little space due to switch mode power supply instead of large and heavy transformers
- Switch mode power supply
- High efficiency, operation via safety power outlet
- Automatic power supply adaption between 100 and 240 volts without power selector
- Power supply with softstart
- High impulse stability
- Stable metal housing, light and compact
- Plain design with aluminum front panel
- Rack installation with 2 units
- Complete protection set against overheat, overload, short-circuit, DC, softstart
- Thermal stability via three fans (2 temperature-controlled fans, 1 constant fan)
- Highly efficient front-to-rear air routing
- Low fan noise especially at low output levels
- Electronically balanced inputs via XLR/Jack mounting sockets
- Outputs via lockable Speaker-plugs
- Operation mode visible via LED-display for Signal, Limit and Protect
- 4-fold LED meter per channel
- Calibrated input controls for exact level control, power switch
- Ground Lift switch against humming
- Bridged switch for bridging
- Combines superior sound quality with highest reliability at significant lower weight
- Excellent power/weight-relation
- Stable permanent power for all models

### Logistic

EAN / GTIN: 4026397198829

Weight: 15,40 kg

Length: 0.56 m

Width: 0.58 m

Height: 0.15 m

- Reliable power amp for a wide range of applications
- Suitable for compact PAs, multi PAs, international concerts
- For further information about this product, please refer to the Data Sheet under "Downloads"

## Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	3680.00 W
Frequency range:	20 - 20000 Hz
Dimensions:	Width: 48.3 cm Depth: 47.7 cm Height: 8.9 cm
Weight:	15 kg
Power output (RMS):	
Stereo 4 ohms	2 x 1000 W
Stereo 8 ohms	2 x 800 W
8 ohms bridged	1 x 2000 W
Signal-to-Noise ratio:	>90 dB
Total harmonic distortion:	0.1 %
Damping factor:	>500
Voltage gain:	32 dB
Slew rate:	40 V/μsec.
Crosstalk:	>70 dB
Input sensitivity:	0.77 V
Input impedance:	20 kohms
Input connectors:	2 x XLR/jack mounting socket
Output connectors:	2 x Speaker (stereo), 1 x Speaker (bridged)
Protection:	Overheat, overload, short-circuit, DC, softstart
Cooling:	2 temperature-controlled fans, 1 constant fan, front-to-rear
Controls:	Power switch, input attenuators, Mode switch - Stereo/Parallel/Bridged, Ground Lift
Indicators:	
Global	Stereo, Parallel, Bridge
Per channel	Signal, Clip, Protect, 4-fold LED meter
Construction:	Steel chassis, aluminum front panel
	Rack installation with 2 u
Power/weight-relation:	133 W/ kg

## Scope of delivery: