

## PSSO HSP-2800 MK2 SMPS Amplifier

Class H stereo PA amplifier with SMPS, 2 x 850 W RMS (8 ohms), 2 x 1400 W RMS (4 ohms)

Art. No.: 10451690

GTIN: 4026397505917



### Features:

- Stereo PA amplifier with class H circuitry
- Low weight and height due to integrated switch mode power supply
- Reliable power amp with high impulse stability for a wide range of applications (e.g. compact PAs, multi-way PAs, international concerts)
- Limiter and speaker switch-on delay
- 3 operating modes can be selected (stereo, parallel or bridged)
- 2 calibrated level controls for precise level adjustment
- Input sensitivity and limiter adjustable
- LED VU meter and LEDs for activated protective circuit (protect), overload (clip), and signal per channel
- LEDs for parallel and bridge mode
- Complete protection set against short-circuit, overheat, clipping, overload, DC voltage and VHF signals
- Highly efficient front-to-rear air routing
- Electronically balanced inputs via XLR mounting jacks, with XLR feed-through outputs
- Speaker outputs via lockable Speaker plugs and screw terminals
- Rugged steel chassis with aluminum front panel
- Rack installation with 2 units

### Logistic

EAN / GTIN: 4026397505917

Weight: 14,80 kg

Length: 0.61 m

Width: 0.57 m

Height: 0.18 m

### Technical specifications:

Power supply:	230 V AC, 50 Hz
Power consumption:	1500.00 W 1/8 power
Output power:	2 x 850 W RMS (8 ohms)

	2 x 1400 W RMS (4 ohms)
Frequency range:	20 - 20000 Hz
Circuitry:	Class H
Dimensions:	Width: 48.3 cm Depth: 50.5 cm Height: 8.9 cm
Weight:	12.90 kg
Power output (RMS):	
Stereo 4 ohms	2 x 1400 W
Stereo 8 ohms	2 x 850 W
8 ohms bridged	1 x 3000 W
Signal-to-Noise ratio:	>90 dB
Total harmonic distortion:	<0.1 %
Damping factor:	>300
Voltage gain:	38 dB
Slew rate:	>20 V/μsec
Crosstalk:	>70 dB
Input sensitivity:	32 dB/1.0 V/0.775 V, switchable
Input impedance:	20 kohms (balanced), 10 kohms (unbalanced)
Input connectors:	2 x XLR
Output connectors:	2 x Speaker, screw terminals, 2 x XLR feed-through output
Protection:	Overheat, overload, short-circuit, over-current, DC voltage, softstart, VHF signals
Cooling:	2 temperature-controlled fans, front-to-rear
Controls:	Power switch, input attenuators, mode switch stereo/parallel/bridged, input sensitivity
LED indicators:	parallel, bridge (globally), protect, clip, signal (per channel)
Construction:	Steel chassis, aluminum front panel
	Rack installation with 2 U

### Scope of delivery: