



### Features:

#### PSSO HSP-1000 MK2 SMPS Amplifier

Class H stereo PA amplifier with SMPS, 2 x 310 W RMS (8 ohms), 2 x 500 W RMS (4 ohms)

- 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

#### 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)

- Stereo PA amplifier with class H circuitry

### Logistic

EAN / GTIN: 4026397592702

- 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

### **PSSO DXO-26 PRO Digital Controller**

Digital speaker management system with real-time network communication, 2 inputs and 6 outputs

- Digital network speaker management system with 64-bit processing
- Premium components ensure excellent sound-features
- Flexible routing configurations for all standard mono and stereo output operating modes
- 2 analog inputs and 1 digital AES/EBU interface (XLR)
- 6 analog outputs (XLR)
- 10-band parametric EQ per input and output
- Parametric filters can be set as Bell, High Shelf, Low Shelf, Notch, Allpass
- Active crossover with Bessel, Butterworth and Linkwitz-Riley filter with slopes up to 24 dB/octave
- The intelligent software for allows convenient control with a computer
- Full configuration and real-time network communication via the built-in Ethernet interface
- Presets are easy to store, transfer and manage
- Up to 80 user presets storable in the device via software
- Control of all functions also possible via the controls at the front panel
- Input sensitivity digitally adjustable
- Inputs and outputs with 4-digit VU meter
- Mute switch with LED indicator per output
- Up to 2000 ms signal delay adjustable for the inputs and outputs
- Output limiter with adjustable limits and automatic attack and release settings as overload protection for your amplifying system
- Switchable phase
- Lock function for prevents undesired changes to settings
- Digital signal processor
- Control via DXO-Control App
- Sample rate: 65 kHz
- The device can be connected via USB to the PC in connection with DXO Software
- The device can be connected via RJ-45 (F) mounting version to the PC in connection with DXO Software<BR>firmware can be updated
- (19") 48.3 cm rack installation 1 U
- Compatible with Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or better

### **Technical specifications:**

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Weight: 35.75 kg

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### **PSSO HSP-1000 MK2 SMPS Amplifier**

Power supply: 230 V AC, 50 Hz

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Power consumption:	1000.00 W
Output power:	2 x 310 W RMS (8 ohms) 2 x 500 W RMS (4 ohms)
Frequency range:	20 - 20000 Hz
Circuitry:	Class H
Dimensions:	Width: 48.3 cm Depth: 40 cm Height: 8.9 cm
Weight:	7.65 kg
Power output (RMS):	
Stereo 4 ohms	2 x 500 W
Stereo 8 ohms	2 x 310 W
8 ohms bridged	1 x 1000 W
Signal-to-Noise ratio:	>80 dB
Total harmonic distortion:	<0.1 %
Damping factor:	>200
Voltage gain:	38 dB
Slew rate:	>20 V/ $\mu$ sec
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

#### **PSSO HSP-2800 MK2 SMPS Amplifier**

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

### PSSO DXO-26 PRO Digital Controller

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	10.00 W
Power connection:	Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)
Frequency range:	10 - 40000 Hz
THD:	<0.005 % at 1 kHz
Network connection:	Protocol: Ethernet TCP/IP via 1x RJ-45 (F) mounting version
DSP:	Digital signal processor
Impedance:	Input: 10 kOhm Input: XLR (AES/EBU) 110 Ohm Output: 50 Ohm
Gain:	Input: -50 dB to +12 dB Output: -50 dB to +12 dB
Filter:	Linkwitz-Riley; Butterworth; Bessel; 6db/oct; 12db/oct; 18db/oct; 24db/oct
Delay:	0 - 2000 ms
Dynamic range:	Input: 118 dB Output: 114 dB
Control:	DXO-Control App
Sample rate:	65 kHz

Connections:	Input: line via 2 x 3-pin XLR Output: line via 6 x 3-pin XLR
Crossover frequency:	20-20000 Hz
Max. level:	Input: +22 dBu Output: +12 dBu
USB port:	Type B
PC connect:	DXO Software via USB DXO Software via RJ-45 (F) mounting version, firmware can be updated
Housing design:	(19") 48.3 cm rack installation 1 U
Dimensions:	Width: 48.3 cm Depth: 22.3 cm Height: 4.45 cm
Weight:	2.30 kg
Operating system:	Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or better

### Scope of delivery:

- 1 x device
- 1 x power cord
- 1 x USB cable
- 1 x network cable
- 1 x CD
- 4 x foot
- 1 x user manual