

## PSSO Amp Set for Line Array L MK2

Art. No.: 11041067

GTIN: 4026397592726



### Features:

### Logistic

EAN / GTIN: 4026397592726

#### PSSO HSP-4000 MK2 SMPS Amplifier

Class H stereo PA amplifier with SMPS, 2 x 1200 W RMS (8 ohms), 2 x 2000 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
- (19") 48.3 cm rack installation 2 U

### **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
- 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-48 PRO Digital Controller**

Digital Speaker Management System with 4 inputs and 8 outputs, incl. software

- 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
- 4 analog inputs and 1 digital AES/EBU interface (XLR)
- 8 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
- Sample rate: 65 kHz
- (19") 48.3 cm rack installation 1 U
- Digital signal processor
- Control via DXO-Control App
- 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
- Compatible with Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or better

## Technical specifications:

|         |          |
|---------|----------|
| Weight: | 70.35 kg |
|---------|----------|

### PSSO HSP-4000 MK2 SMPS Amplifier

|                            |                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------|
| Power supply:              | 230 V AC, 50 Hz                                                                     |
| Power consumption:         | 2000.00 W 1/8 power                                                                 |
| Output power:              | 2 x 1200 W RMS (8 ohms)<br>2 x 2000 W RMS (4 ohms)                                  |
| Power connection:          | Fixed power supply cord with safety plug                                            |
| Frequency range:           | 20 - 20000 Hz                                                                       |
| Circuitry:                 | Class H                                                                             |
| Housing design:            | (19") 48.3 cm rack installation 2 U                                                 |
| Dimensions:                | Width: 48.3 cm<br>Depth: 50.5 cm<br>Height: 8.9 cm                                  |
| Weight:                    | 13.40 kg                                                                            |
| Power output (RMS):        |                                                                                     |
| 8 ohms bridged             | 1 x 4100 W                                                                          |
| Signal-to-Noise ratio:     | >80 dB                                                                              |
| Total harmonic distortion: | <0.1 %                                                                              |
| Damping factor:            | >200                                                                                |
| Voltage gain:              | 32 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<br>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-1000 MK2 SMPS Amplifier**

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| Power supply:              | 230 V AC, 50 Hz                                                                            |
| Power consumption:         | 1000.00 W                                                                                  |
| Output power:              | 2 x 310 W RMS (8 ohms)<br>2 x 500 W RMS (4 ohms)                                           |
| Frequency range:           | 20 - 20000 Hz                                                                              |
| Circuitry:                 | Class H                                                                                    |
| Dimensions:                | Width: 48.3 cm<br>Depth: 40 cm<br>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/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<br>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)<br>2 x 1400 W RMS (4 ohms)                                       |
| Frequency range:           | 20 - 20000 Hz                                                                           |
| Circuitry:                 | Class H                                                                                 |
| Dimensions:                | Width: 48.3 cm<br>Depth: 50.5 cm<br>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-48 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<br>Input: XLR (AES/EBU) 110 Ohm<br>Output: 50 Ohm                                |
| Gain:                | Input: -50 dB to +12 dB<br>Output: -50 dB to +12 dB                                             |
| Filter:              | Linkwitz-Riley; Butterworth; Bessel; 6db/oct;<br>12db/oct; 18db/oct; 24db/oct                   |
| Delay:               | 0 - 2000 ms                                                                                     |
| Dynamic range:       | Input: 118 dB<br>Output: 114 dB                                                                 |
| Control:             | DXO-Control App                                                                                 |
| Sample rate:         | 65 kHz                                                                                          |
| Connections:         | Input: line via 4 x 3-pin XLR<br>Output: line via 8 x 3-pin XLR                                 |
| Crossover frequency: | 20-20000 Hz                                                                                     |
| Max. level:          | Input: +22 dBu<br>Output: +12 dBu                                                               |
| USB port:            | Type B                                                                                          |
| PC connect:          | DXO Software via USB<br>DXO Software via RJ-45 (F) mounting version,<br>firmware can be updated |
| Housing design:      | (19") 48.3 cm rack installation 1 U                                                             |
| Dimensions:          | Width: 48.3 cm<br>Depth: 18.0 cm<br>Height: 4.45 cm                                             |
| Weight:              | 2.45 kg                                                                                         |
| Operating system:    | Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or<br>better                                        |

## Scope of delivery:

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