

PSSO Amp Set MK2 for Line-Array L

Art. No.: 11041070

GTIN:

**List price: 4937.31 €**

incl. 19% VAT.

Features:**PSSO QDA-4400 4-Channel Amplifier**

PA amplifier with SMPS, 4 x 1100 W / 4 ohms, 4 x 650 W / 8 ohms

- 4-channel PA amplifier with class D circuitry
- 4 x 1100 W/4 ohms
- 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)
- Speaker switch-on delay
- 3 operating modes can be selected (stereo, parallel or bridged)
- 4 level controls for precise level adjustment
- Input sensitivity adjustable
- LED VU meter and LEDs for activated protective circuit (protect), overload (clip), and signal per channel
- Complete protection set
- Electronically balanced inputs via XLR mounting jacks, with XLR feed-through outputs
- Speaker outputs via lockable Speaker plugs
- Rugged steel chassis with aluminum front panel
- Air flow from front to rear
- The device is cooled by 2x temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

PSSO QCA-6400 4-Channel SMPS Amplifier

PA amplifier with SMPS, 4 x 1600 W / 2 ohms, 4 x 1400 W / 4 ohms

- 4-channel PA amplifier with class I circuitry

Logistic

- 4 x 1400 W/4 ohms
- 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)
- Speaker switch-on delay
- 3 operating modes can be selected (stereo, parallel or bridged)
- 4 level controls for precise level adjustment
- Input sensitivity adjustable
- LED VU meter and LEDs for activated protective circuit (protect), overload (clip), and signal per channel
- Complete protection set against short-circuit, overheat, clipping, overload, DC voltage and VHF signals
- Electronically balanced inputs via XLR mounting jacks, with XLR feed-through outputs
- Speaker outputs via lockable Speaker plugs
- Rugged steel chassis with aluminum front panel
- Rack installation with 2 units
- Neutrik Speakon outputs
- Air flow from front to rear
- The device is cooled by 2x temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

PSSO QCA-10000 4-Channel SMPS Amplifier

PA amplifier with SMPS, 4 x 2500 W / 2 ohms, 4 x 2100 W / 4 ohms

- 4-channel PA amplifier with class I circuitry
- 4 x 2100 W/4 ohms
- 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)
- Speaker switch-on delay
- 3 operating modes can be selected (stereo, parallel or bridged)
- 4 level controls for precise level adjustment
- Input sensitivity adjustable
- LED VU meter and LEDs for activated protective circuit (protect), overload (clip), and signal per channel
- Complete protection set against short-circuit, overheat, clipping, overload, DC voltage and VHF signals
- Electronically balanced inputs via XLR mounting jacks, with XLR feed-through outputs
- Speaker outputs via lockable Speaker plugs
- Rugged steel chassis with aluminum front panel
- Rack installation with 2 units
- Neutrik Speakon outputs
- Air flow from front to rear
- The device is cooled by 2x temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

PSSO DXO-48 PRO Digital Controller

Digital speaker management system with real-time network communication, 4 inputs and 8 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
- 4 analog inputs and 1 digital AES/EBU interface (XLR)
- 8 analog outputs (XLR)
- Active frequency filter types (Bessel, Butterworth and Linkwitz-Riley) with slopes up to 24 dB/octave split up the audio signal into different frequency bands
- 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 PC and Mac allows convenient control with a computer
- Full configuration and real-time network communication via the built-in Ethernet interface
- Up to 80 user presets storable in the device via software
- Control of all functions also possible via the controls at the front panel
- Alphanumeric LCD screen with 2 lines of 16 characters each

- 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 (180°)
- Lock function for protecting the program settings
- Windows XP, Vista, 7, 8, 10 and Mac OS X 10.5.8 and better
- Control your speaker systems more flexible than ever with the DXO Control app
- DXO Control for iPad supports all functions of the PC software and is available for free from the app store
- Digital signal processor
- 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
The firmware can be updated via the PC connection
- (19") 48.3 cm rack installation 1 U

OMNITRONIC Front Panel Z-19U-shaped, steel,black 1U

U-front panel in different sizes

- 1 mm steel, black, powder-coated
- Weight 465-1350 g (depending on the version)
- 1 U

ROADINGER Rack Profi KM 8U 55cm with wheels

PRO flightcase for 483 mm devices (19")

- Profile rails with mounting facility for 483 mm units (19"), e.g. light PA amplifiers, power packs, additional equipment
- Stomped profile rails for cage nuts
- 2 removable covers (double-door version)
- High-quality workmanship with 9 mm multiplex birch wood, dark brown laminated
- Aluminum profile frames (30 mm) with rounded edges
- Three-leg, medium-sized steel ball corners
- 4 x recessed case handles with mounting dish and backing ring
- 4 butterfly lock
- 4 wheels with 2 brakes
- 4 x chrome case handles
- Available in different height units (1 U = 44 mm)
- Transport aid: With wheels
- 8 U
- Made in Europe

Technical specifications:

Weight: 62,70 kg

PSSO QDA-4400 4-Channel Amplifier

Power supply: 100-240 V AC, 50/60 Hz

Power consumption: 830 W 1/8 power

Output power: 4 x 650 W RMS (8 ohms)
4 x 1100 W RMS (4 ohms)
2 x 2000 W RMS bridged (8 ohms)

Power connection: Mains input P-Con (blue), mounting version
Power supply cord with safety plug (provided)

Frequency range:	20 - 20000 Hz
S/N ratio:	>100 dB
THD:	<0,1 % at 1 kHz
Cooling:	2 x temperature-controlled fan , Air flow from front to rear
Impedance:	Input 20 kOhm , bal. Input 10 kOhm , unbal.
Gain:	39,9 dB
Circuitry:	Class D
Slew rate:	>10 V/ μ s
Damping factor:	>500
Crosstalk:	>65 dB
Control elements:	Power switch, mode switch (stereo/parallel/bridged), level control per channel, Input sensitivity switch
Controls:	Softstart; overheat; overload; short-circuit; progressive volume; VHF; limiter
Status LED:	Power, level meter, clip, protect
Connections:	Input: 4 x line via 3-pin XLR Output: 4 x line via 3-pin XLR Output: 4 x speakers via speaker built-in socket (F)
Input sensitivity:	0,775 V; 1,0 V; 1,81 V , switchable; 32 dB; 37 dB; 39,3 dB , switchable
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48,3 cm Depth: 46,1 cm Height: 8,9 cm
Weight:	9,50 kg

PSSO QCA-6400 4-Channel SMPS Amplifier

Power supply:	230 V AC, 50 Hz
Power consumption:	820 W 1/8 power
Output power:	4 x 1600 W RMS (2 ohms) 4 x 1400 W RMS (4 ohms) 4 x 800 W RMS (8 ohms) 2 x 3200 W RMS bridged (4 ohms) 2 x 2800 W RMS bridged (8 ohms)
Power connection:	Fixed Power supply cord with safety plug
Frequency range:	20 - 20000 Hz
S/N ratio:	>80 dB
THD:	<0,05 % at 1 kHz
Cooling:	2 x temperature-controlled fan , Air flow from front to rear
Impedance:	Input 20 kOhm , bal. Input 10 kOhm , unbal.
Gain:	40,3 dB/ 0,775 V 38 dB/ 1,0 V

	35,1 dB/ 1,4 V
Circuitry:	Class I
Slew rate:	>10 V/ μ s
Damping factor:	>800
Crosstalk:	>65 dB
Control elements:	Power switch, level control per channel, mode switch (stereo/parallel/bridged), Input sensitivity switch
Controls:	Overheat; overload; short-circuit; DC voltage; softstart; VHF
Status LED:	Power, level meter, clip, protect
Connections:	Input: 4 x line via 3-pin XLR Link: 4 x line via 3-pin XLR Output: 4 x speakers via speaker built-in socket (F)
Input sensitivity:	0,775 V; 1,0 V; 1,4 V , switchable; 26 dB; 32 dB; 38 dB , switchable
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48,3 cm Depth: 44,5 cm Height: 8,9 cm
Weight:	13,45 kg

PSSO QCA-10000 4-Channel SMPS Amplifier

Power supply:	230 V AC, 50 Hz
Power consumption:	1150 W 1/8 power
Output power:	4 x 2500 W RMS (2 ohms) 4 x 2100 W RMS (4 ohms) 4 x 1300 W RMS (8 ohms) 2 x 5000 W RMS bridged (4 ohms) 2 x 4200 W RMS bridged (8 ohms)
Power connection:	Fixed Power supply cord with safety plug
Frequency range:	20 - 20000 Hz
S/N ratio:	>80 dB
THD:	<0,05 % at 1 kHz
Cooling:	2 x temperature-controlled fan , Air flow from front to rear
Impedance:	Input 10 kOhm , unbal. Input 20 kOhm , bal.
Gain:	40,3 dB/ 0,775 V 38 dB/ 1,0 V 35,1 dB/ 1,4 V
Circuitry:	Class I
Slew rate:	>10 V/ μ s
Damping factor:	>800
Crosstalk:	>65 dB

Control elements:	Power switch, level control per channel, mode switch (stereo/parallel/bridged), Input sensitivity switch
Controls:	Overheat; overload; short-circuit; softstart; DC voltage; VHF
Status LED:	Power, level meter, clip, protect
Connections:	Input: 4 x line via 3-pin XLR (F) mounting version Output: 4 x line via 3-pin XLR (M) mounting version Output: 4 x speakers via 4-pol SpeakON mounting version (F)
Input sensitivity:	0,775 V; 1,0 V; 1,4 V , switchable; 26 dB; 32 dB; 38 dB , switchable
Use of brands:	Built with NEUTRIK connector
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48,3 cm Depth: 44,5 cm Height: 8,9 cm
Weight:	13,90 kg

PSSO DXO-48 PRO Digital Controller

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	10,00 W
Power connection:	Mains input 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
Crossover frequency:	20-20000 Hz
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
Sample rate:	65 kHz
Connections:	Input: 4 x line via 3-pin XLR Output: 8 x line via 3-pin XLR
Max. level:	Input: +22 dBu Output: +12 dBu
USB port:	Typ 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: 18,0 cm Height: 4,45 cm
Weight:	2,45 kg

OMNITRONIC Front Panel Z-19U-shaped, steel,black 1U

Diameter mounting holes:	7 mm
Material thickness:	1 mm
Mounting height:	Approx. 4.5 cm (1 U)
Housing design:	1 U
Dimensions:	Width: 48,3 cm Height: 4,45 cm
Weight:	300 g

ROADINGER Rack Profi KM 8U 55cm with wheels

Maximum load:	100 kg
Material:	Birch multiplex, 9 mm
Color:	Black, laminated
Outer dimensions/corners approx.:	65 mm
Mounting width:	(19") 48.3 cm rack installation
Mounting height:	Approx. 35.5 cm (8 U)
Mounting depth:	550 mm
Housing design:	8 U
Dimensions:	Width: 53 cm Depth: 71 cm Height: 52 cm
Weight:	23,10 kg
