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### Features:

#### PSSO PRIME-315 Club Speaker System

PRO PA speaker, 2 x 15" woofer, 6.5" + 2 x 1.4" horn-loaded, 1800 W RMS (Biamp)

- Rugged pro PA speaker, qualified for suspension and clubs
- Biamp operation
- Housing made of 25 mm (17 layers) and 18 mm (13 layers) birch plywood
- Premium custom-made drivers by European manufacturer CELTO Acoustique
- 2 x 38 cm neodymium bass speaker (15") with diecast aluminum basket
- 16.5 cm neodymium midrange speaker (6.5") with diecast aluminum basket, 51 mm voice coil (2")
- 36 mm neodymium driver (1.4"), 72 mm voice coil (2.8")
- Bassreflex system
- Neutrik Speakon connectors
- Scratch-resistant lacquer surface
- Applications: standing or suspended
- CELTO ACOUSTIQUE driver
- Built with NEUTRIK connector
- European engineering

#### PSSO PRIME-182 Subwoofer 3000W

PRO PA bassreflex subwoofer, 2 x 18" woofer, 3000 W RMS, 4 ohms

- Rugged pro bassreflex subwoofer, qualified for clubs and touring applications
- Housing made of 25 mm (17 layers) and 18 mm (13 layers) birch plywood
- 2 x 45 cm (18") bass speaker, 115 mm voice coil (4.5"), diecast aluminum basket
- Premium custom-made drivers by European manufacturer CELTO Acoustique

### Logistic

- Parallel Neutrik Speakon connectors
- Metal flange for top speakers
- Carrying handles and rubber feet
- Scratch-resistant lacquer surface
- CELTO ACOUSTIQUE driver
- European engineering

### **PSSO PRIME-12CX Coaxial Speaker, 400W**

- Rugged full-range PA top speaker, qualified for suspension and clubs
- Housing made of 18 mm (13 layers) birch plywood
- Premium custom-made drivers by European manufacturer CELTO Acoustique
- 30 cm neodymium bass speaker (12") with diecast aluminum basket
- 36 mm neodymium driver (1.4"), 72 mm voice coil (2.8")
- Passive 2-way crossover
- Bassreflex system
- Parallel Neutrik Speakon connectors
- Movable mounting bracket for ceiling or wall installation
- Scratch-resistant lacquer surface
- Applications: standing, on a subwoofer or suspended
- CELTO ACOUSTIQUE driver
- European engineering

### **PSSO QCA-6400 4-Channel SMPS Amplifier**

Class I stereo PA amplifier with SMPS, 4 x 1600 W RMS (2 ohms), 4 x 1400 W RMS (4 ohms)

- 4-channel PA amplifier with class I 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, concerts)
- 3 operating modes can be selected (stereo, parallel or bridged)
- Level control per channel
- Input sensitivity adjustable
- LED VU meter and LEDs for activated protective circuit (protect) and overload (clip) per channel
- 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
- Highly efficient Air flow from front to rear
- The device is cooled by temperature-controlled fan
- Built with NEUTRIK connector
- (19") 48.3 cm rack installation 2 U

#### **Package contents**

- 1 x amplifier, 4 x foot, 1 x user manual, 1 x cover

### **PSSO PRIME System Amplifier DSP**

Class D multi-channel PA amplifier with SMPS, 4 x 400 W RMS (8 ohms), 4 x 800 W RMS (4 ohms)

- 6-channel PA amplifier with high-performance DSP, freely programmable
- Sample frequency: 96 kHz and 64-bit technology
- Premium components ensure excellent sound features
- Efficient class D amplifier circuitry
- 2 Pascal amplifier modules
- 4 analog inputs and 2 digital AES/EBU interfaces (XLR)
- 4 analog link outputs (XLR)
- 2 Neutrik Speakon outputs
- Neutrik Powercon mains input
- Real-time remote control via built-in Ethernet LAN interface
- User-friendly software for PC and Mac included
- 80 presets can be stored and activated
- Manual control via encoder, LCD screen and buttons at the front panel
- 120 dB dynamic range
- Flexible routing
- 10 parametric EQ

- X-Over: Bessel, Linkwitz-Riley, Butterworth with 24 dB/octave
- Delay
- Limiter and noise gate
- Phase reverse
- Password protection
- Low weight and height due to integrated switch mode power supply
- Automatic power supply adaption between 100 and 240 volts without power selector
- Intelligent mains fuse protection
- Input current limiter
- Protection against turn-on and turn-off transients
- DC protection of outputs
- Under and over voltage protection
- High damping factor > 1000
- Low distortion, THD+N < 0.05 %
- Rugged steel chassis with anodized aluminum front panel
- Rack installation with 2 units
- Windows XP, Vista, 7, 8 and Mac OS X 10.5.8 and better
- The device is cooled by temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

## Technical specifications:

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Weight: 534,60 kg

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### PSSO PRIME-315 Club Speaker System

Power:	Program: 300W MHF Rated: 300W RMS MHF Rated: 1800W RMS LF Program: 3600W LF
Frequency range:	46 - 19000 Hz
Sensitivity:	102 dB
Max. SPL:	140 dB 8 ohms HF
Dispersion angle:	80° x 50°
Impedance:	4/8 ohms biamp
Connections:	Speaker via 2 x 4-pol SpeakON mounting version (F)
Crossover frequency:	2200 Hz 650 Hz
Speaker:	2 x woofer 15" Voice coil lows 4" 1 x horn 6,5" Voice coil compression tweeter highs 2" 2 x Horn vent 1,35" Voice coil compression tweeter highs 3"
Use of brands:	CELTO ACOUSTIQUE driver Built with NEUTRIK connector
Dimensions:	Width: 83,8 cm Depth: 58,4 cm Height: 81,5 cm
Weight:	75 kg

**PSSO PRIME-182 Subwoofer 3000W**

Power:	Program: 6000W Rated: 3000W RMS
Frequency range:	35 - 1300 Hz
Sensitivity:	101 dB (1W/1m)
Max. SPL:	142 dB
Impedance:	4 ohms
Connections:	Input: speaker via 2 x 4-pol SpeakON mounting version (F)
Speaker:	2 x woofer 18"
Type of speaker:	Subwoofer
Type of construction:	Vented
Use of brands:	CELTO ACOUSTIQUE driver
Dimensions:	Width: 1,094 m Depth: 69,5 cm Height: 59,4 cm
Weight:	89,70 kg

**PSSO PRIME-12CX Coaxial Speaker, 400W**

Power:	Program: 800W Rated: 400W RMS
Frequency range:	59 - 21000 Hz
Sensitivity:	100 dB
Max. SPL:	132 dB
Dispersion angle:	70° x 70°
Impedance:	8 ohms
Connections:	Input: speaker via 2 x 4-pol SpeakON mounting version (F)
Crossover frequency:	1400 Hz
Speaker:	1 x woofer 12" 1 x horn 1,5" Voice coil lows 3" Horn vent 1,35" Voice coil compression tweeter highs 3"
Type of speaker:	Coaxial speaker; Compact cabinet speaker
Use of brands:	CELTO ACOUSTIQUE driver
Dimensions:	Width: 38 cm Depth: 38 cm Height: 38 cm
Weight:	14,80 kg

**PSSO QCA-6400 4-Channel SMPS Amplifier**

Power supply:	230 V AC, 50 Hz
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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/ $\mu$ 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: line via 4 x 3-pin XLR Link: line via 4 x 3-pin XLR Output: speaker via 4 x speaker built-in socket (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:	13,45 kg

### **PSSO PRIME System Amplifier DSP**

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	920 W 1/8 power
Output power:	4 x 400 W RMS (8 ohms) 4 x 800 W RMS (4 ohms) 2 x 1500 W RMS (8 ohms) 2 x 2400 W RMS (4 ohms) 2 x 1600 W RMS bridged (8 ohms)

Power connection:	Mains input via PowerCON (blue), mounting version power supply cord with safety plug (provided)
Frequency range:	20 - 40000 Hz
S/N ratio:	>120 dB
THD:	<0,05 % at 1 kHz
Network connection:	Protocol: Ethernet TCP/IP via 1x RJ-45 etherCON (F) mounting version
Cooling:	Temperature-controlled fan
Gain:	32 dB
Circuitry:	Class D
Damping factor:	>1000
Control elements:	Power switch, encoder, exit, menu
Controls:	Power on/off transients; DC voltage; power on/off transient
Status LED:	Signal, limit, protect, peak
Connections:	Output: speaker via 2 x 8-pin SpeakON mounting version (F) Input: line via 4 x 3-pin XLR Link: line via 4 x 3-pin XLR
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48,3 cm Depth: 48,2 cm Height: 8,9 cm
Weight:	12,15 kg