



### Features:

### Logistic

#### PSSO PRIME-212 Club Speaker System

PRO PA speaker, 2 x 12" woofer, 1.5" horn, 1100 W RMS (Biamp)

- Rugged pro PA speaker, qualified for suspension and clubs
- Biamp operation
- Housing made of 18 mm (13 layers) and 25 mm (17 layers) birch plywood
- Premium custom-made drivers by European manufacturer CELTO Acoustique
- 2 x 30 cm neodymium bass speaker (12") with diecast aluminum basket
- 36 mm neodymium driver (1.5"), 72 mm voice coil (2.8")
- Bassreflex system
- Neutrik Speakon connectors
- Scratch-resistant lacquer surface
- Applications: standing or suspended
- CELTO ACOUSTIQUE driver
- 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
- 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 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
- (19") 48.3 cm rack installation 2 U
- The device is cooled by temperature-controlled fan

### **Technical specifications:**

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Weight: 258.95 kg

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### **PSSO PRIME-212 Club Speaker System**

Power: Rated: 100W RMS HF  
 Program: 200W HF  
 Program: 2000W LF  
 Rated: 1000W RMS LF

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Frequency range: 55 - 20000 Hz

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Sensitivity: 101 dB

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Max. SPL: 137 dB 8 ohms HF

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Dispersion angle: 50° to 100° x 10° to -30°

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Impedance:	4/8 ohms biamp
Connections:	Input: speaker via 1 x 4-pol SpeakON mounting version (F)
Crossover frequency:	1200 Hz
Speaker:	2 x woofer 12" with neodymium magnet Basket material: aluminum Voice coil lows 3" 1 x tweeter Horn vent 1.35" Voice coil compression tweeter highs 3"
Use of brands:	CELTO ACOUSTIQUE driver
Dimensions:	Width: 75.6 cm Depth: 49.4 cm Height: 34.8 cm
Weight:	27.90 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: 109.4 cm Depth: 69.5 cm Height: 59.4 cm
Weight:	89.70 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

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**Scope of delivery:**

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