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Features:

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

Logistic

- 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
- The device is cooled by temperature-controlled fan
- (19") 48.3 cm rack installation 2 U

Technical specifications:

Weight: 258,95 kg

PSSO PRIME-212 Club Speaker System

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

Frequency range: 55 - 20000 Hz

Sensitivity: 101 dB

Max. SPL: 137 dB 8 ohms HF

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

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|-----------------------|---|
| 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 System Amplifier DSP

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|--------------------|---|
| 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 |

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|---------------------|---|
| 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 |