



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

## Technical specifications:

|         |           |
|---------|-----------|
| Weight: | 258.95 kg |
|---------|-----------|

## PSSO PRIME-212 Club Speaker System

|        |                                                                                    |
|--------|------------------------------------------------------------------------------------|
| Power: | Rated: 100W RMS HF<br>Program: 200W HF<br>Program: 2000W LF<br>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° |
|-------------------|---------------------------|

|                      |                                                                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>Basket material: aluminum<br>Voice coil lows 3"<br>1 x tweeter<br>Horn vent 1.35"<br>Voice coil compression tweeter highs 3" |
| Use of brands:       | CELTO ACOUSTIQUE driver                                                                                                                                              |
| Dimensions:          | Width: 75.6 cm<br>Depth: 49.4 cm<br>Height: 34.8 cm                                                                                                                  |
| Weight:              | 27.90 kg                                                                                                                                                             |

#### PSSO PRIME-182 Subwoofer 3000W

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Power:                | Program: 6000W<br>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<br>Depth: 69.5 cm<br>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)<br>4 x 800 W RMS (4 ohms)<br>2 x 1500 W RMS (8 ohms)<br>2 x 2400 W RMS (4 ohms)<br>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)<br>Input: line via 4 x 3-pin XLR<br>Link: line via 4 x 3-pin XLR |
| Housing design:     | (19") 48.3 cm rack installation 2 U                                                                                         |
| Dimensions:         | Width: 48.3 cm<br>Depth: 48.2 cm<br>Height: 8.9 cm                                                                          |
| Weight:             | 12.15 kg                                                                                                                    |

## Scope of delivery: