



### Features:

### Logistic

#### PSSO PRIME-10CX Coaxial Speaker, 300W

PRO PA speaker, 10" woofer, 1" horn, 300 W RMS, 8 ohms

- Rugged full-range PA top speaker, qualified for suspension and clubs
- Housing made of 15 mm (11 layers) birch plywood
- Premium custom-made drivers by European manufacturer CELTO Acoustique
- 25 cm neodymium bass/mids speaker (10") with diecast aluminum basket
- 25 mm neodymium driver (1"), 44 mm voice coil (1.7")
- 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 PRIME-152 Subwoofer 1400W

PRO PA bassreflex subwoofer, 2 x 15" woofer, 1400 W RMS, 4 ohms

- Rugged pro bassreflex subwoofer, qualified for clubs and touring applications
- 18 mm (13 layers) birch plywood
- 2 x 38 cm (15") bass speaker, 100 mm voice coil (4"), 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: 164.15 kg

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### **PSSO PRIME-10CX Coaxial Speaker, 300W**

Power: Program: 600W  
Rated: 300W RMS

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Frequency range: 68 - 21000 Hz

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Sensitivity: 98 dB

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Max. SPL: 128 dB

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Dispersion angle: 70° x 70°

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Impedance: 8 ohms

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|----------------------|----------------------------------------------------------------------------------------------------------|
| Connections:         | Input: speaker via 2 x 4-pol SpeakON mounting version (F)                                                |
| Crossover frequency: | 1600 Hz                                                                                                  |
| Speaker:             | 1 x woofer 10"<br>Voice coil lows 2.5"<br>1 x horn vent 1"<br>Voice coil compression tweeter highs 1.75" |
| Type of speaker:     | Coaxial speaker; compact cabinet speaker                                                                 |
| Use of brands:       | CELTO ACOUSTIQUE driver                                                                                  |
| Dimensions:          | Width: 30 cm<br>Depth: 30 cm<br>Height: 30 cm                                                            |
| Weight:              | 10.50 kg                                                                                                 |

### **PSSO PRIME-152 Subwoofer 1400W**

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Power:                | Program: 2800W<br>Rated: 1400W RMS                        |
| Frequency range:      | 39 - 1600 Hz                                              |
| Sensitivity:          | 99 dB (1W/1m)                                             |
| Max. SPL:             | 136 dB                                                    |
| Impedance:            | 4 ohms                                                    |
| Connections:          | Input: speaker via 2 x 4-pol SpeakON mounting version (F) |
| Speaker:              | 2 x woofer 15"                                            |
| Type of speaker:      | Subwoofer                                                 |
| Type of construction: | Vented                                                    |
| Use of brands:        | CELTO ACOUSTIQUE driver                                   |
| Dimensions:           | Width: 95 cm<br>Depth: 61 cm<br>Height: 51 cm             |
| Weight:               | 55 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)<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:**

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