



### Features:

### Logistic

#### PSSO K-212 2-Way Top 300W

PRO PA speaker, 12" woofer, 1" horn, 300 W RMS, 8 ohms

- Rugged full-range top speaker, qualified for suspension and touring applications
- Housing made of 15 mm/18 mm birch plywood
- 30 cm (12") bass speaker with diecast aluminum basket
- Rotatable 25 mm constant directivity horn tweeter (1", 44 mm voice coil)
- Premium custom-made drivers by European manufacturer CELTO Acoustique
- Passive 2-way crossover
- Bassreflex system
- Parallel Neutrik Speakon connectors
- Trapezoidal multi-functional housing with scratch-resistant lacquer surface
- Impact-resistant steel grille with acoustic foam
- Flange for stand installation
- Applications: standing, as monitor, on a subwoofer or speaker stand, suspended
- CELTO ACOUSTIQUE driver
- Built with NEUTRIK connector
- European engineering

#### PSSO K-152 Subwoofer 1000W

PRO PA bassreflex subwoofer, 2 x 15" woofer, 1000 W RMS, 4 ohms

- Rugged pro bassreflex subwoofer, qualified for touring applications
- Housing made of birch plywood
- 2 x 38 cm (15") bass speaker with 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
- Matching castors optionally available
- Scratch-resistant lacquer surface
- Impact-resistant steel grille with acoustic foam
- Wheels optional
- CELTO ACOUSTIQUE driver
- Built with NEUTRIK connector
- European engineering

#### **OMNITRONIC SMA-1000 Amplifier**

Stereo PA amplifier with limiter and SMPS, 2 x 500 W/4 ohms

- Low weight and height due to integrated switch-mode power supply
- Temperature-controlled fan, particularly quiet during operation
- Limiter and speaker switch-on delay
- Switchable bass-boost at 80 Hz with 6 dB level increase
- 3 operating modes can be selected (stereo, parallel or bridged)
- Selectable input sensitivity
- 2 level controls
- 3 LEDs for each channel for activated protective circuit (protect) overload (clip) and signal
- 2 LEDs for parallel and bridge operation
- Complete protection set against short-circuit, overheat, DC voltage and VHF signals
- Electronically balanced inputs via XLR mounting jacks, with feed-through output (stereo RCA/6.3 mm jack)
- Speaker outputs via lockable Speaker plugs
- Class AB circuitry
- Robust steel chassis
- Rack installation with 2 units
- (19") 48.3 cm rack installation

#### **OMNITRONIC SMA-2000 Amplifier**

Stereo PA amplifier with limiter and SMPS, 2 x 1000 W/4 ohms

- Low weight and height due to integrated switch-mode power supply
- Temperature-controlled fan, particularly quiet during operation
- Limiter and speaker switch-on delay
- Switchable bass-boost at 80 Hz with 6 dB level increase
- 3 operating modes can be selected (stereo, parallel or bridged)
- Selectable input sensitivity
- 2 level controls
- 3 LEDs for each channel for activated protective circuit (protect) overload (clip) and signal
- 2 LEDs for parallel and bridge operation
- Complete protection set against short-circuit, overheat, DC voltage and VHF signals
- Electronically balanced inputs via XLR mounting jacks, with feed-through output (stereo RCA/6.3 mm jack)
- Speaker outputs via lockable Speaker plugs
- SMA-1500 and SMA-2000 with additional pairs of screw terminals for 8 ohms bridge operation
- Class 2 H circuitry
- Robust steel chassis
- Rack installation with 2 units
- (19") 48.3 cm rack installation 2 U

#### **OMNITRONIC DXO-24E Digital Controller**

Digital Speaker Management System with 2 inputs and 4 outputs, incl. software

- Flexible routing configurations for all standard mono and stereo output operating modes
- 2 analog inputs and 4 analog outputs (XLR)
- Active crossover with Bessel, Butterworth and Linkwitz-Riley filter with slopes up to 24 dB/octave
- Up to 30 user presets storable in the device via software
- Input sensitivity digitally adjustable
- Inputs and outputs with 4-digit LED level meter as well as clip and limit LED indicator

- Mute switch with LED indicator per output
- 7-band parametric EQ per output
- Up to 7 ms signal delay adjustable for the outputs
- Output limiter with adjustable limits and automatic attack and release settings as overload protection for your amplifying system
- Switchable phase
- Lock function for prevents undesired changes to settings
- Sample rate: 67 kHz
- (19") 48.3 cm rack installation 1 U
- Digital signal processor
- The device can be connected via USB to the PC in connection with DXO Software<BR>firmware can be updated
- Compatible with Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or better
- For application areas such as: Clubs/dancing school; installation; mobile djs / entertainer; restaurants, bars and hotels; rental

#### **OMNITRONIC Distance Tube Subwoofer/Satellite 120cm**

Distance tube

- Connecting tube for satellite systems
- For stand inserts with standard diameter (35 mm)
- Powder-coated steel version

#### **ROADINGER Amplifier Rack PR-2, 6U, 47cm deep**

Rack case

- Front and rear rack rails
- 6 U
- High-quality workmanship with plywood multi-layer glued 7 mm, black, laminated
- Aluminum profile frames 30mm with rounded edges
- 2 hinged, chromium plated case handles
- 4 high-quality butterfly locks
- Wooden slide rails on the bottom
- Available in different height units (1 U = 44 mm)
- With profile rails suitable for 19" units
- For further information about this product, please refer to the Data Sheet under "Downloads"

#### **PSSO Speaker Cable Speakon 2x2.5 15m bk**

High-quality speaker cable

- Built with NEUTRIK connector
- Made in Germany

#### **PSSO XLR Cable 3-pin 1m bk Neutrik**

Reliable microphone cable

- High quality connection for microphones etc.
- High conductivity
- Slim and short construction
- Helukabel
- Built with NEUTRIK connector
- Made in Germany

#### **OMNITRONIC Front Panel Z-19U-shaped, steel, black 1U**

U-front panel in different sizes

- 1 U

#### **Technical specifications:**

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Weight: 176.76 kg

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#### **PSSO K-212 2-Way Top 300W**

|                      |   |
|----------------------|---|
| Power:               | Program: 600W<br>Rated: 300W RMS                          |
| Frequency range:     | 55 - 19000 Hz   |
| Sensitivity:         | 97 dB (1W/1m)   |
| Max. SPL:            | 128 dB  |
| Dispersion angle:    | 90° x 60°   |
| Impedance:           | 8 ohms  |
| Connections:         | Input: speaker via 2 x 2-pin SpeakON mounting version (F) |
| Crossover frequency: | 1900 Hz   |
| Speaker:             | 1 x woofer 12"<br>1 x horn 1"                             |
| Type of speaker:     | Compact cabinet speaker                                   |
| Use of brands:       | CELTO ACOUSTIQUE driver<br>Built with NEUTRIK connector   |
| Dimensions:          | Width: 34.7 cm<br>Depth: 35.2 cm<br>Height: 66 cm         |
| Weight:              | 19.50 kg  |

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#### **PSSO K-152 Subwoofer 1000W**

|                       |   |
|-----------------------|---|
| Power:                | Program: 2000W<br>Rated: 1000W RMS                        |
| Frequency range:      | 42 - 2200 Hz  |
| Sensitivity:          | 100 dB (1W/1m)  |
| Max. SPL:             | 136 dB  |
| Impedance:            | 4 ohms  |
| Connections:          | Input: speaker via 2 x 2-pin SpeakON mounting version (F) |
| Speaker:              | 2 x woofer 15"  |
| Type of speaker:      | Subwoofer   |
| Type of construction: | Vented  |
| Transport aid:        | Wheels optional   |
| Use of brands:        | CELTO ACOUSTIQUE driver<br>Built with NEUTRIK connector   |
| Dimensions:           | Width: 47.6 cm<br>Depth: 59 cm<br>Height: 100 cm          |
| Weight:               | 50.10 kg  |

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#### **OMNITRONIC SMA-1000 Amplifier**

|                      |  |
|----------------------|--|
| Power supply:        | 230 V AC, 50 Hz  |
| Power consumption:   | 598.00 W   |
| Output power:        | Max. 964 W<br>2 x 482 W RMS (4 ohms)<br>2 x 340 W RMS (8 ohms)   |
| Circuitry:           | Class H  |
| Housing design:      | (19") 48.3 cm rack installation  |
| Dimensions:          | Width: 48.3 cm<br>Depth: 39 cm<br>Height: 8.9 cm   |
| Weight:              | 7.25 kg  |
| Power output sine:   |  |
| stereo 4 ohms        | 2 x 482 W  |
| stereo 8 ohms        | 2 x 340 W  |
| 8 ohms bridged       | 1 x 1000 W   |
| Frequency range:     | 20-20000 Hz, $\pm 0.5$ dB  |
| Damping factor:      | >150   |
| Distortion factor:   | 0.05 %   |
| Slew rate:           | >20 V/ $\mu$ sec   |
| S/N ratio:           | >90 dB   |
| Channel separation:  | >70 dB/ 1 kHz  |
| Input sensitivity:   | 26 dB/32 dB (2.48 V/1.244 V), switchable   |
| Voltage gain:        | 26 dB/32 dB  |
| Input impedance:     | 20 kohms (balanced), 10 kohms (unbalanced)   |
| Input connectors:    | stereo XLR   |
| Output connectors:   | stereo Speaker, feed-through output (stereo RCA, stereo 6.3 mm jack)   |
| Circuitry:           | class AB   |
| Control elements:    | power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector |
| LED indicators:      | parallel, bridge (globally), protect, clip, signal (per channel)   |
| Protection circuits: | short-circuit, overheat, DC voltage, VHF signals, softstart  |
| Construction:        | steel chassis  |
| Dimensions (DxWxH):  | 390 x 483 x 92 mm (19", 2 U)   |

#### **OMNITRONIC SMA-2000 Amplifier**

|                    |  |
|--------------------|--|
| Power supply:      | 230 V AC, 50 Hz  |
| Power consumption: | 575.00 W   |
| Output power:      | Max. 2000 W<br>2 x 1000 W RMS (4 ohms)<br>2 x 637 W RMS (8 ohms) |
| Power connection:  | Fixed power supply cord with safety plug                         |
| Circuitry:         | Class H  |

|                      |  |
|----------------------|--|
| Housing design:      | (19") 48.3 cm rack installation 2 U  |
| Dimensions:          | Width: 48.3 cm<br>Depth: 39 cm<br>Height: 8.9 cm   |
| Weight:              | 9.55 kg  |
| Power output sine:   |  |
| stereo 4 ohms        | 2 x 1000 W   |
| stereo 8 ohms        | 2 x 637 W  |
| 8 ohms bridged       | 1 x 2000 W   |
| Frequency range:     | 20-20000 Hz, $\pm 0.5$ dB  |
| Damping factor:      | >150   |
| Distortion factor:   | 0.05 %   |
| Slew rate:           | >20 V/ $\mu$ sec   |
| S/N ratio:           | >90 dB   |
| Channel separation:  | >70 dB/ 1 kHz  |
| Input sensitivity:   | 26 dB/32 dB (3.46 V/1.73 V), switchable  |
| Voltage gain:        | 26 dB/32 dB  |
| Input impedance:     | 20 kohms (balanced), 10 kohms (unbalanced)   |
| Input connectors:    | stereo XLR   |
| Output connectors:   | stereo Speaker, 2 pairs of screw terminals, feed-through output (stereo RCA, stereo 6.3 mm jack)                           |
| Circuitry:           | class 2 H  |
| Control elements:    | power switch, level control per channel, mode switch (stereo/parallel/bridged), sensitivity selector, peak filter selector |
| LED indicators:      | parallel, bridge (globally), protect, clip, signal (per channel)   |
| Protection circuits: | short-circuit, overheat, DC voltage, VHF signals, softstart  |
| Construction:        | steel chassis  |
| Dimensions (DxWxH):  | 390 x 483 x 92 mm (19", 2 U)   |

### OMNITRONIC DXO-24E Digital Controller

|                   |   |
|-------------------|---|
| Power supply:     | 100-240 V AC, 50/60 Hz<br>6V 800 mA   |
| Power connection: | Mains input via coaxial power connector (M) mounting version power supply cord with AC adapter (provided) |
| Frequency range:  | 10 - 30000 Hz   |
| THD:              | <0.005 % at 1 kHz   |
| DSP:              | Digital signal processor  |
| Impedance:        | Input: 10 kOhm<br>Output: 50 Ohm  |
| Gain:             | Output: -50 dB to +12 dB  |
| Filter:           | Linkwitz-Riley; Butterworth; Bessel; 6db/oct; 12db/oct; 18db/oct; 24db/oct                                |
| Delay:            | 0 - 5 ms  |

|                      |   |
|----------------------|---|
| Dynamic range:       | Input: 114 dB<br>Output: 110 dB                                 |
| Sample rate:         | 67 kHz  |
| Connections:         | Input: line via 2 x 3-pin XLR<br>Output: line via 4 x 3-pin XLR |
| Crossover frequency: | 20-20000 Hz   |
| Max. level:          | Input: +22 dBu<br>Output: +9 dBu                                |
| USB port:            | Type B  |
| PC connect:          | DXO Software via USB, firmware can be updated                   |
| Housing design:      | (19") 48.3 cm rack installation 1 U                             |
| Dimensions:          | Width: 48.3 cm<br>Depth: 12.8 cm<br>Height: 4.45 cm             |
| Weight:              | 1.60 kg   |
| Operating system:    | Win XP, Win Vista, Win 7, Win 10, OS X 10.5 or better           |

#### **OMNITRONIC Distance Tube Subwoofer/Satellite 120cm**

|                            |                                      |
|----------------------------|--------------------------------------|
| Maximum carrying capacity: | 35 kg                                |
| Attachment system:         | Ø 35mm                               |
| Type (general stands):     | Distance tube                        |
| Material:                  | Steel                                |
| Color:                     | Black                                |
| Dimensions:                | Height: 120 cm<br>Diameter: Ø 3.5 cm |
| Weight:                    | 0.96 kg                              |

#### **ROADINGER Amplifier Rack PR-2, 6U, 47cm deep**

|                          |   |
|--------------------------|---|
| Maximum load:            | 50 kg   |
| Aluminum profile frames: | 30 mm   |
| Case handle:             | 2 pc/pcs  |
| Lock:                    | Butterfly lock: 4 pc/pcs                        |
| Transport aid:           | Wooden slide rails on the bottom                |
| Material:                | Plywood multi-layer glued, 7 mm                 |
| Color:                   | Black, laminated                                |
| Front panel width:       | 19"   |
| Mounting height:         | Approx. 26.5 cm (6 U)                           |
| Mounting depth:          | 420 mm  |
| Housing design:          | 6 U   |
| Dimensions:              | Width: 54.5 cm<br>Depth: 64 cm<br>Height: 32 cm |
| Weight:                  | 10.50 kg  |

**PSSO Speaker Cable Speakon 2x2.5 15m bk**

|                     |                                       |
|---------------------|---------------------------------------|
| Cable construction: | 2 x 2.5 mm <sup>2</sup> speaker cable |
| Cable length:       | 15 m                                  |
| Plug A:             | 1 x 2-pin SpeakON (M)                 |
| Plug B:             | 1 x 2-pin SpeakON (M)                 |
| Use of brands:      | Built with NEUTRIK connector          |
| Color:              | Black                                 |
| Weight:             | 1.50 kg                               |

**PSSO XLR Cable 3-pin 1m bk Neutrik**

|                     |   |
|---------------------|---|
| Cable construction: | 2 x 0.22 mm <sup>2</sup> microphone cable |
| Cable length:       | 1 m                                       |
| Plug A:             | 1 x 3-pin XLR (M), Typ NC3MXX             |
| Plug B:             | 1 x 3-pin XLR (F), Typ NC3FXX             |
| Use of brands:      | Helukabel<br>Built with NEUTRIK connector |
| Color:              | Black                                     |
| Weight:             | 0.11 kg                                   |

**OMNITRONIC Front Panel Z-19U-shaped, steel, black 1U**

|                          |                                   |
|--------------------------|-----------------------------------|
| Diameter mounting holes: | Ø7mm                              |
| Material:                | Steel, 1 mm                       |
| Color:                   | Black, powder-coated              |
| Mounting height:         | Approx. 4.5 cm (1 U)              |
| Housing design:          | 1 U                               |
| Dimensions:              | Width: 48.3 cm<br>Height: 4.45 cm |
| Weight:                  | 0.30 kg                           |

**Scope of delivery:****2 x PSSO K-212 2-Way Top 300W**

1 x user manual  
1 x compact cabinet speaker

**2 x PSSO K-152 Subwoofer 1000W**

1 x bass  
1 x user manual

**1 x OMNITRONIC DXO-24E Digital Controller**

1 x controller  
1 x user manual  
1 x external mains adapter  
1 x USB cable  
1 x CD

4 x foot

**4 x PSSO Speaker Cable Speakon 2x2.5 15m bk**

1 x speaker cable

**4 x PSSO XLR Cable 3-pin 1m bk Neutrik**

1 x XLR cable