

## PSSO DXO-48 Digital system controller

Digital Speaker Management System with 4 inputs and 8 outputs, incl. software

Art. No.: 10356360

GTIN: 4026397195590



### Description:

Active speaker-management, getting along without compromises. Whether via the included software or directly on the device, the DXO-48 offers intuitive operation and flexible signal-routing - at an unbeatable value for money. Even multiple units in comprehensive fixed installations can be comfortably managed, thanks to the clearly structured software. The push buttons on the controller allow direct addressing of all inputs and outputs, making editing fast and simple via the large display. An advantage especially for live use: last setup modifications can be easily adjusted without a computer.

### Features:

- 4 inputs and 8 outputs with flexible signal routing
- 32-bit floating point DSP
- 96 kHz sampling rate
- 24 bit A-D/D-A-converter
- 6 fully parametric equalizers per input and output
- Slopes up to 48 dB/octave
- Backlit 4 lines x 20 character display
- 30 user programs can be memorized
- Up to 500 ms signal delay for the inputs and outputs adjustable
- Delay displayed in milliseconds, meters, feet and frame/second
- Output limiter with adjustable limits and automatic attack and release settings as overload protection for your amplifying system
- Lock-function for protecting the program settings
- Phase Invert per output
- Digital adjustment of the input gain  $\pm 15$  dB

### Logistic

EAN / GTIN: 4026397195590

Weight: 4,85 kg

Length: 0.61 m

Width: 0.36 m

Height: 0.08 m

- For further information about this product, please refer to the Data Sheet under "Downloads"

## Technical specifications:

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|-----------------------|--|
| Power supply:         | 115/230 V AC, 50/60 Hz   |
| Power consumption:    | 30.00 W  |
| Connections:          | Input: 4 x<br>Output: 8 x  |
| Dimensions:           | Width: 48.3 cm<br>Depth: 20 cm<br>Height: 4.45 cm                    |
| Weight:               | 3 kg   |
| Inputs:               | 4, active, balanced  |
| Gain range:           | -40 to +15 dB  |
| Input impedance:      | 10 kohms   |
| Frequency range:      | 15-20000 Hz, $\pm 0.25$ dB<br>15-40000 Hz, $\pm 3$ dB                |
| Outputs:              | 8, active, balanced with automatic correction for unbalanced loading |
| Output impedance:     | <50 mohms (electronically balanced)                                  |
| Output gain range:    | $\pm 21$ dB  |
| Maximum output level: | +20 dBu  |
| Frequency range:      | 20-20000 Hz, $\pm 0,1$ dB<br>15-40000 Hz, $\pm 3$ dB                 |
| Distorsion:           | 0.001 % (1 kHz @ 18 dBu)   |
| S/N-ratio:            | 115 dB   |
| Channel separation:   | <-100 dB   |
| Slopes:               | 6, 12, 18, 24 or 48 dB/Oktave  |
| Type:                 | Bessel, Butterworth or Linkwitz-Riley                                |
| Crossover frequency:  | 20-20000 Hz  |
| Delay:                | 0~0.45 s   |
| Dimensions (WxHxD):   | 482 x 44 x 200 mm  |

## Scope of delivery:

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