

# DXO

## Digital loudspeaker management systems by Omnitronic and PSSO

Developed and assembled in Germany, the **DXOs** offer all functions that can be expected from a DSP-based loudspeaker management system: The signal routing can be flexibly adjusted to all standard PA applications based on various stereo and mono setups. The common frequency filter types Bessel, Butterworth and Linkwitz-Riley are available for splitting up the audio signal. The slope of each filter can be selected in steps from 6 to 24 dB/octave. The unit offers 8 full-parametric EQs, phase adjustment, and a limiter per output. Additionally, a delay function of up to 7 msec per signal path is included in case of differences in running time for different speaker distances.

The supplied PC software allows convenient control of all functions via a computer and serves as administration tool quasi for an unlimited number of user presets. The software is constantly being developed and enhanced with additional functions. Frequency crossovers and equalizers can be constantly monitored and modified with a clear graphical display. The software automatically recognizes which unit is connected and calls up the matching user interface.

The PSSO models can also be controlled via network (AES/EBU interface). Moreover, the drivers have a higher quality and the memory is larger.



**DSP CONTROL** USB DSP PCconnect 19" 1U

No. 10356321

### OMNITRONIC DXO-24E Digital Controller

Digital stereo active crossover with 2 inputs and 4 outputs, incl. software



**DSP CONTROL** USB DSP PCconnect 19" 1U

No. 10356341

### OMNITRONIC DXO-26E Digital Controller

Digital stereo active crossover with 2 inputs and 6 outputs, incl. software



**DSP CONTROL** USB DSP PCconnect 19" 1U

No. 10356343

### OMNITRONIC DXO-88E Digital Controller

Digital stereo active crossover with 8 inputs and 8 outputs, incl. software



**DSP CONTROL** USB DSP PCconnect 19" 1U

No. 10356344

### OMNITRONIC DXO-48E Digital Controller

Digital stereo active crossover with 4 inputs and 8 outputs, incl. software



**DSP CONTROL** USB DSP PCconnect RJ45 19" 1U

No. 10356362

### PSSO DXO-26 PRO Digital Controller

Digital speaker management system with real-time network communication, 2 inputs and 6 outputs



**DSP CONTROL** USB DSP PCconnect RJ45 19" 1U

No. 10356364

### PSSO DXO-48 PRO Digital Controller

Digital speaker management system with real-time network communication, 4 inputs and 8 outputs

