



DSP-26

Order No.: 0255780

PRODUCTINFOS

The DSP-26

is a speaker management system with state-of-the-art DSP processors and digital converters. This system combines active crossover network, parametric equalizer, delay and peak limiter in one unit. Every feature and adjustment can be edited individually for the six output channels. It is operated directly at the unit or via the USB interface on the PC (or MAC) by means of an intuitively operated graphic user interface.

Digital speaker management system

- 2 analogue inputs and 6 analogue outputs (XLR, balanced)
- 64-bit DSP, sampling rate: 96 kHz
- Dynamic range: > 114 dB
- Latency: < 1 ms
- Routing fader for user-defined routing of the inputs to the outputs
- Graphic user interface, PC editing software
- 50 user presets can be stored
- Remote control via USB
- Dot matrix display with 2 x 16 characters
- VU meter with 8 LEDs for each channel, level display and peak
- 482 mm (19") rack installation, 1 RS

Input (data for each channel):

- Gain control: -48 dB to +12 dB

Output (data for each channel):

- Gain control: -48 dB to +12 dB
- 10 parametric equalizers with 8 types of filters each
- 2 crossover networks with Butterworth, Linkwitz-Riley and Bessel filters as well as individually adjustable types of filters from 6 to 24 dB/oct.
- Delay to be switched between time (ms) and distance (m): 5 ms max. in steps of 10 µsec or 1.71 m max in steps of 3.4 mm
- Limiter, threshold: from -48 dBu to +9 dBu
- Mute
- Routing mix for level adjustment via routing fader
- Selectable phase (invert, 180°)

Please note:

32-bit applications, including the current version of the DSP controller, are no longer supported under the MacOS version 10.15 (Catalina). The controller software is currently being updated for 64-bit MacOS Catalina. Users of older MacOS versions as well as Windows users are not affected by this change. Apple's announcement will give you further information on the change to 64-bit technology.

TECHNICAL SPECIFICATIONS

DSP-26

Description	digital speaker management system
Frequency range	10-30,000 Hz
Input signal	≤ 10 V
Output signal	≤ 2 V
Crossover frequency	70 Hz-1 kHz, 12 dB/oct., 910 Hz-8 kHz, 12 dB/oct., subwoofer 80/120 Hz, 24 dB/oct.
S/N ratio	> 110 dB
THD	< 0.005%
Admiss. ambient temp.	0-40 °C
Power supply	via encl. plug-in power supply
Dimensions	482 x 44 x 175 mm, 1 RS
Weight	1.56 kg
Inputs	2 x XLR, bal.
Outputs	6 x XLR, bal.
Other features	USB

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Resolution	64 Bit
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