

Audio Tools

Signal Processing

DSP-26

Order No. 0255780



Digital speaker management system

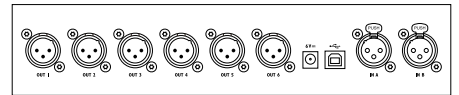
- 2 analogue inputs and 6 analogue outputs (XLR, bal.)
- 64-bit DSP, sampling rate: 96 kHz
- Dynamic range: > 114 dB
- Latency: < 1 ms
- Routing fader for user-defined routing of the inputs to the outputs
- Graphic user interface, PC editing software
- 50 user presets can be stored
- Remote control via 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



Model	DSP-26
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%
Power supply	via encl. plug-in power supply
Dimensions	482 x 44 x 175 mm, 1 RS
Weight	1.56 kg

DSM-26LAN

Order No. 0255760



Digital speaker management system

- 2 analogue inputs and 6 analogue outputs (XLR, bal.)
- 1 x AES/EBU digital input, stereo
- 64-bit DSP, sampling rate: 96 kHz
- Dynamic range: > 118 dB
- Latency: 0.64 ms
- 80 user presets can be stored
- Remote control via USB or TCP/IP LAN, iOS app
- Dot matrix display with 2 x 16 characters
- VU meter with 4 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
- 10 parametric equalizers with 8 types of filters each
- 2 crossover networks
- Delay
- Limiter threshold: from -48 dBu to +24 dBu
- Compressor release time: 10 dB/s to 100 dB/s
- Mute

Output (data for each channel)

- Gain control: -48 dB to +12 dB
- 10 parametric equalizers with 8 types of filters each



Model	DSM-26LAN
Frequency range	10-40,000 Hz
Input signal	11 V max.
Output signal	4 V max.
S/N ratio	> 110 dB
THD	< 0.005%
Power supply	~ 230 V/50 Hz/15 VA
Dimensions	482 x 44 x 185 mm, 1 RS
Weight	2.13 kg
Inputs	2 x XLR, bal. 1 x AES/EBU, stereo
Outputs	6 x XLR, bal.
Other features	USB, LAN

DSM-48LAN

Order No. 0255770



Digital speaker management system

- 4 analogue inputs and 8 analogue outputs (XLR, bal.)
- 1 x AES/EBU digital input, stereo
- 64-bit DSP, sampling rate: 96 kHz
- Dynamic range: > 118 dB
- Latency: 0.64 ms
- 80 user presets can be stored
- Remote control via USB or TCP/IP LAN, iOS app
- Dot matrix display with 2 x 16 characters
- 482 mm (19") rack installation, 1 RS

- 2 crossover networks
- Delay
- Limiter threshold: from -48 dBu to +24 dBu
- Compressor release time: 10 dB/s to 100 dB/s
- Mute

Output (data for each channel)

- Gain control: -48 dB to +12 dB
- 10 parametric equalizers with 8 types of filters each
- 2 crossover networks
- Delay
- Limiter threshold: from -48 dBu to +24 dBu
- Compressor release time: 10 dB/s to 100 dB/s



Model	DSM-48LAN
Frequency range	10-40,000 Hz
Input signal	11 V max.
Output signal	4 V max.
S/N ratio	> 110 dB
THD	< 0.005%
Power supply	230 V~/50 Hz/15 VA
Dimensions	482 x 44 x 185 mm, 1 RS
Weight	2.17 kg
Inputs	4 x XLR, bal. 1 x AES/EBU, stereo
Outputs	8 x XLR, bal.
Other features	USB, LAN

MFE-212

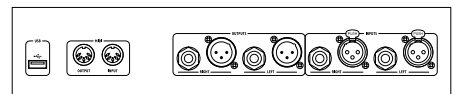
Order No. 0254520



Stereo DSP feedback controller

- Prevents acoustic feedback appearing in PA systems
- 12 steep-edged precision notch filters for each stereo channel
- Editable filter parameters (supplied with software)
- 4 factory presets, 16 user presets
- Mono operation or 2-channel operation possible
- AD/DA resolution: 24 bits
- 45 dB attenuation (with gradual reduction in variable mode)

- Optionally continuous signal monitoring (auto notch) or manual setting of the required filters (manual notch)
- Backlit 2 x 20 dot matrix display
- Adjustable input level and output level
- Bypass function
- Clip LED
- Balanced inputs and outputs: XLR and 6.3 mm jack
- USB port (Type-A)
- MIDI input and output
- 482 mm (19") rack installation, 1 RS



Model	MFE-212
Frequency range	20-20,000 Hz
Input signal	2.2 V max.
Output signal	2.2 V max.
S/N ratio	> 90 dB
THD	< 0.01%
Power supply	~ 230 V/50 Hz/20 VA
Dimensions	482 x 44 x 193 mm, 1 RS
Weight	2 kg