



### AT A GLANCE

CELTO Acoustique SP26 and SP48 are a comprehensive loudspeaker management systems that offer reliable hardware, large processing capacity and fully featured control software. With 96 parametric filters available and more than 4 km of total delay, SP processors are suitable for any projects.

### MAIN FEATURES

- > 2 In x 6 Out (SP26) and 4 In x 8 Out (SP48) Networkable Loudspeaker Management System
- > High precision 32-bit floating point TEXAS INSTRUMENT DSP (48kHz sampling rate)
- > 24-bit D/A converters with 118B dynamic range and audiophile grade preamps
- > 1 stereo AES/EBU Digital input on SP26 and 2 on SP48
- > On each input: Delay, Gain, Noise gate, and 8 filters (PEQ and Shelving)
- > On each output: Routing, Delay, Gain, HPF and LPF filters (up to 48dB/oct), 8 filters (PEQ and Shelving), Compressor / Limiter (Threshold, Attack, Release, Ratio)
- > 30 preset memories
- > Password protection
- > RJ45 Ethernet interface compatible with common TCP/IP network equipment
- > CELTO SP CONTROL software for Windows platform

### SPECIFICATIONS

<b>Analog Inputs</b>	2 (SP26) / 4 (SP48) female NEUTRIK XLR electronically balanced / RF filtered > 40kΩ Impedance +18dBu maximum input level 112dB A-weighted dynamic range A/D converters
<b>Digital Inputs</b>	1 (SP26) / 2 (SP48) stereo AES/EBU (switchable to analog on front panel UI and software)
<b>Analog Outputs</b>	6 (SP26) / 8 (SP48) male NEUTRIK XLR electronically balanced / RF filtered 120Ω Impedance +20dBu maximum output level 118dB A-weighted dynamic range D/A converters
<b>Connectivity</b>	100MB Ethernet (RJ45). Communication protocol based on TCP/IP
<b>System Performance</b>	48kHz sampling rate, 32-bit accumulators Frequency response of 20~20k Hz at -0.5dB THD+N lower than 0.003% at +4dBu, 1kHz, 0dB input Interchannel crosstalk >100dB
<b>Power</b>	100~250Vac / 50-60Hz / 35W max consumption PowerCon 3 pin
<b>Size (WxHxD)</b>	482x44.5x185mm net, 550x110x245mm gross
<b>Weight</b>	1.5kg net, 2.5kg gross