



## Dante Steerable Line Array Speaker with DSP

### Description

Hard construction materials applied in modern buildings lead to disturbing reverberation. DP 320DSP digital beam steering products were designed for dealing with modern architecture combining hard reflective surfaces such as glass, marble and stone etc. This model was developed precisely for this problem and delivers excellent sound quality even in such demanding environments. With the help of the digitally controllable directivity of an array, the sound is aligned in such a way that an optimal sound field and excellent speech intelligibility are ensured. With its elegant and unobtrusive design, the DP 320DSP fits perfectly into any environment.

An DP 320DSP as a basic device can easily be cascaded with other DP 320DSP. The automatic detection in the digital speaker editor software speeds up the configuration process. All internal amplifier and speaker components are fully monitored. The easy to understand and uncomplicated digital speaker editor configuration software makes configuring line array speakers easier than ever. The software calculates the adjustable sound alignment in real time, whether with one or two beams per array.

### Features

- ▶ 8 × 4" high performance driver
- ▶ Built-in 8-channel Class-D digital amplifier, 8 DSP channels
- ▶ Allows signal input mode switching through DSP control software
- ▶ Unsurpassed sound quality for best speech intelligibility
- ▶ Extremely long ranges
- ▶ Unobtrusive design for environments with demanding acoustics
- ▶ Intelligent Dante modular design



### SPECIFICATIONS

### DP 320DSP

Output Power	320W
Peak Power	1280W
Frequency Response	120Hz~16kHz
Sensitivity(1m/1W)	91dB
SPL	112dB
THD	<0.03%@-5dB/80Ω
SNR	>105dB@20Hz-20kHz/80Ω
Sampling Rate	24bit/96KHz
Dispersion Angle	Vertical: 20° (±20°) and horizontal: 160°
Material	Aluminum alloy
Audio input connection	Two RJ45 interfaces for Dante digital audio input + one Phoenix terminal for analog balanced signal input
DSP Function	Input: Noise gate, gain, phase, mute, compressor (limiter) Output: Gain, phase, mute, delay, high-pass/low-pass filter, 6-band equalizer
Speaker Driver	8x4" neodymium magnet
Power Supply	AC110-240V
Color	Black/White
Net Weight	7.34kg
Product Dimensions	1126x136x136mm