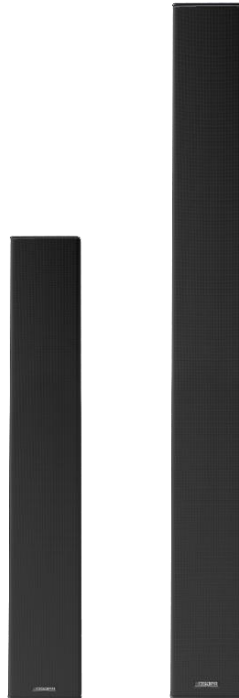


DSP3025B 240W Waterproof Digital Column Speaker



Features

- Acoustically simulate the sound columns of different shapes, up to 6 sound beams, and vertical sound direction adjustable with a remote.
- Active sound column with digital signal processor (DSP) and digital power amplifier built in, rated 240W/360W.
- Built-in 100v/70v transformer
- Volume, tone and other parameters of the sound column adjustable
- Waterproof speaker unit and overall stamping aluminum housing design, suitable for outdoor use
- With DSP-3000 regulator for easy configuration
- Compact size, easy installation and high electro acoustic sensitivity

Description

DSP3025/DSP3036 is waterproof phased-array digital sound column consists of 8pcs/12pcs of 5" speaker units.

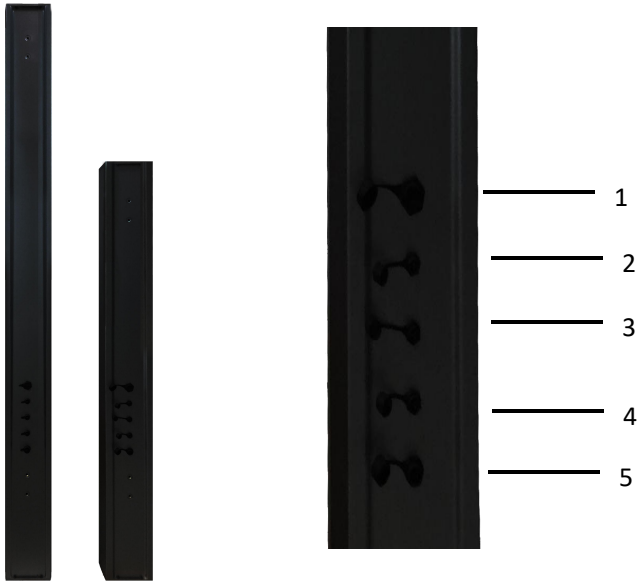
By applying the electronic and digital signal processing (DSP) technologies, it can simulate the directivity from different shapes of sound columns, while the inherent performances of the sound column will not be affected, e.g. rated power, range of effective frequency response and max sound pressure level. With DSP technologies, we may operate from the remote controller to change the directivity of speaker system at some extent.

This is suitable for loud speaking in a hall where the building acoustics is poor, especially for the hardware of the loudspeaker system in sports venues (where the volume is large, the building acoustics is poor, the reverberation time is long and the sound is muddy).

Specification

| | | DSP3025 | DSP3036 |
|----------------------------|--|--|---------------------|
| Frequency amplifier system | Rated power RMS (load 8Ω) | 240W | 360W |
| | Line input sensitivity | 300 (-10dB) /500 (-6dB) /1000 (0dB) mV | |
| | Constant voltage input sensitivity | 30 (-10dB) /50 (-6dB) /100 (0dB) V | |
| | SNR | >81dB | >81dB |
| | Degree of distortion | <0.5% | <0.5% |
| | Frequency response | 20Hz-20kHz (±3dB) | 20Hz-20kHz (±3dB) |
| | Graphic equalizer frequency point | 31/62/125/250/500/1000/2000/4000/8000/16000 Hz | |
| | Equalizer gain amplitude | ±12 dB | ±12 dB |
| Acoustic system | Loudspeaker unit | Co-axial 5° x 8 | Co-axial 5° x 12 |
| | Frequency response | 90Hz-20KHz | 80Hz-20KHz |
| | Sensitivity (1m, 1W) | 92±2dB | 94±2dB |
| | Maximum sound pressure level (1m) | 116±2dB | 120±2dB |
| | Horizontal radiation angle | >120° | >120° |
| | Vertical radiation angle | <50° | <50° |
| | Adjustable range of main beam (vertically) | ±45° | ±45° |
| Power input | Input voltage | AC200-240V /50-60Hz | AC200-240V /50-60Hz |
| Other specifications | Dimension(L x W x H) mm | 170×165×1304mm | 170×165×1840mm |
| | Packing dimension (L x W x H) mm | 250×245×1395mm | 250×245×1930mm |
| | Net weight | 18.5 kg | 25kg |
| | Gross weight | 22kg | 29kg |

Rear Side



1. RJ-45 connection port
2. 100V input
3. Line input
4. Line output
5. 220V power input

Sound Beams

