

DSP3036B 360W 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.

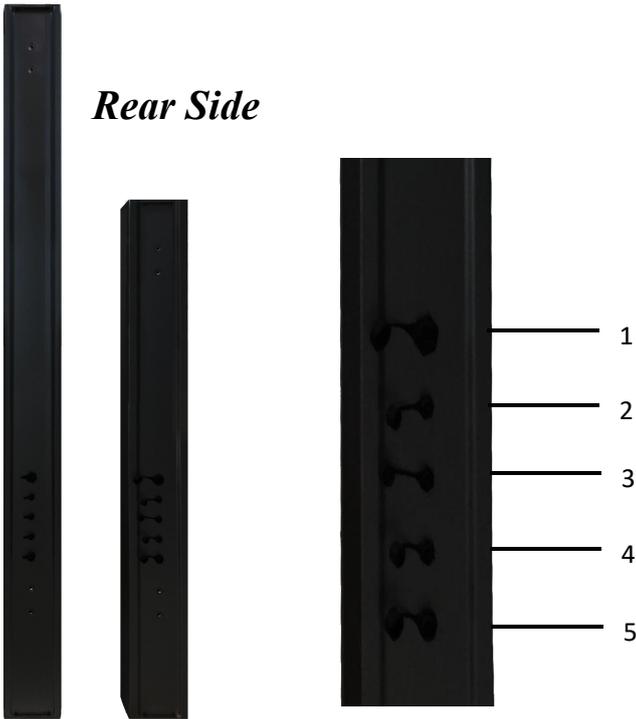
By applying the electronic and digital signal processing (DSP) technologies, it can simulate the directivity from different shapes of sound columns, while the inherent performances of the sound column will not be affected, e.g. rated power, range of effective frequency response and max sound pressure 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

Item		DSP3025	DSP3026
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	
	Signal to noise ratio	>81dB	
	Degree of distortion	<0.5%	
	Frequency response	20Hz-20kHz (±3dB)	
	Graphic equalizer frequency point	31/62/125/250/500/1000/2000/4000/8000/16000 Hz	
	Equalizer gain amplitude	±12 dB	
Acoustic system	Loudspeaker unit	Co-axial 5ø 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°	
	Vertical radiation angle	< 50°	
	Adjustable range of main beam (vertically)	±45°	
Power input	Input voltage	AC200-240V /50-60Hz	
Other specifications	Dimension of product (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

