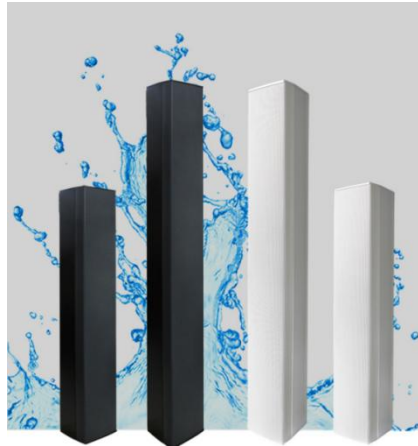


DSP3025 / DSP3036

250W / 360W High-Performance Professional Waterproof Digitally Steerable Array Loudspeaker



Description

The DSP3025B/W and DSP3036B/W waterproof phased-array digital column loudspeakers are newly developed high-technology loudspeaker systems featuring integrated power amplifiers.

Utilizing advanced electronic and digital signal processing (DSP) technologies, they emulate the directional characteristics of sound columns with various configurations, while preserving the loudspeaker's inherent performance specifications including rated power output, effective frequency response range and maximum sound pressure level. Thanks to DSP technology, users can remotely adjust the directivity of the speaker system to a significant degree.

These loudspeakers are ideal for a wide range of indoor and outdoor applications including train stations, airports, houses of worship, sports facilities and public gathering spaces.

Features

- Active phased array column loudspeaker with integrated digital power amplifier
- Rated power output: 240W/350W, featuring high sensitivity and high maximum sound pressure level
- Adjustable sound beam steering angle (horizontal $\pm 45^\circ$)
- Coverage angles: Horizontal $>120^\circ$, Vertical $>50^\circ$
- Compatible with auxiliary (AUX) audio input and 100V constant-voltage line input
- Onboard DSP signal processor and digital equalizer deliver superior audio performance
- Offered in white and black finish options
- Sleek, elegant design ideal for train stations, airports, houses of worship and similar venues
- Weatherproof transducer units and rugged stamped aluminum enclosure construction, designed for outdoor applications

Specifications

Model	DSP3025	DSP3036
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Frequency amplifier system	Rated power RMS (load 8Ω)	240W	350W
	Power Consumption	360W	520W
	Line input sensitivity	300 (-10dB) /500 (-6dB) /1000 (0dB) mV	
	Constant voltage input sensitivity	50V/100V	
	SNR	≥80dB	
	THD	<1%	
	Frequency response	20Hz-20kHz (±3dB)	
	Graphic equalizer frequency point	15 band Hz in total	
	Equalizer gain amplitude	±5dB	
Acoustic system	Loudspeaker unit	Coaxial 5" x 8	Coaxial 5" x 12
	Frequency response	200Hz-10KHz	
	Sensitivity (1m, 1W)	92±2dB	92±2dB
	Maximum sound pressure level (1m)	107±2dB	114±2dB
	Horizontal radiation angle	>120°	>120°
	Vertical radiation angle	>50°	>50°
	Adjustable range of main beam (vertically)	±45°	±45°
Power input	Input voltage	AC110-240V /50-60Hz	
Other specifications	Dimension(L x W x H) mm	170×165×1304mm	170×165×1820mm
	Packing dimension (L x W x H) mm	250×245×1395mm	250×245×1930mm
	Net weight	18.5 kg	25kg
	Gross weight	22kg	29kg

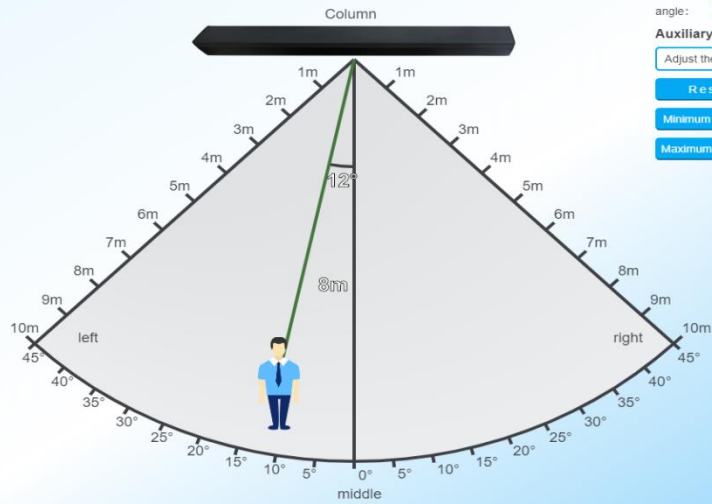
Control software

1. Install Google Chrome in PC or Pad
2. Default IP for the speaker is 192.168.1.30, Subnet Mask is 255.255.255.0, Gateway is 192.168.1.1, change the computer's internet IP to the same network
3. Connect the PC and column via Cat-5 cable, it will automatically detect the status of speakers
4. Input 192.168.1.30 in Google, the default password is 123123, login the control web
5. The speaker could be put in transverse or vertical, you can also adjust the sound beam angle
6. There is 15 band EQ adjustable from 125Hz to 10000Hz
7. You can also modify the IP address, Change the password, and Boot self-check setting

- SCENE
- SOUND
- SET

Put way:

Scene Size:



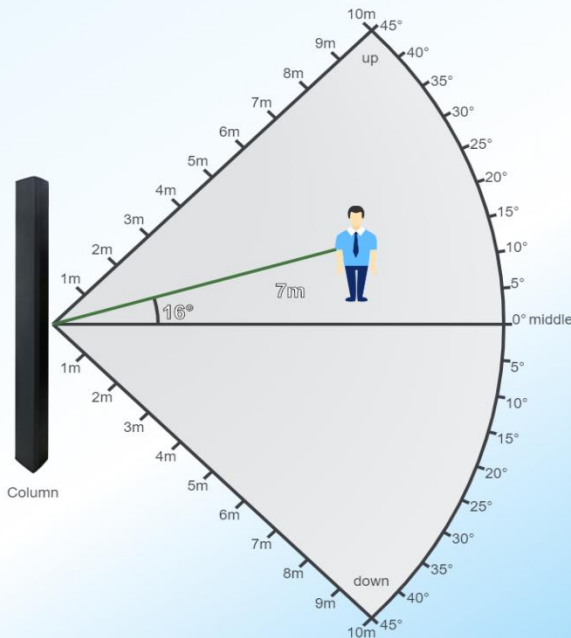
Current distance and angle:
distance: (Unit: metre)
angle: (Unit: degree)

Auxiliary controls:

- SCENE
- SOUND
- SET

Put way:

Scene Size:



Current distance and angle:
distance: (Unit: metre)
angle: (Unit: degree)

Auxiliary controls:

SCENE

SOUND

SET

Mute Reset

Values of EQ

EQ 1	EQ 2	EQ 3	EQ 4	EQ 5	EQ 6	EQ 7	EQ 8	EQ 9	EQ 10	EQ 11	EQ 12	EQ 13	EQ 14	EQ 15
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
125	200	315	500	800	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000

VOICE

Volume

100

0