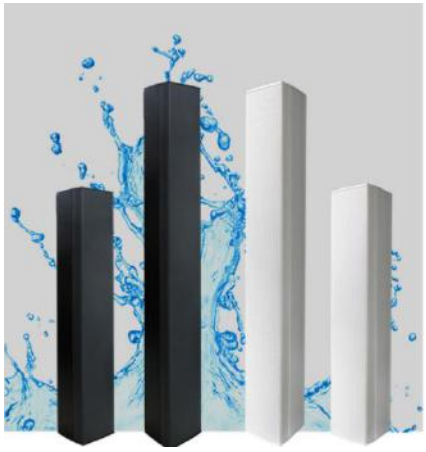
DSP3025/DSP3036

250W /360W Waterproof Array Digitally Steerable Speaker



Description

DSP3025B/W &DSP3036B/W waterproof phased-array digital sound column is a new designed high technology loudspeaker with built-in amplifier.

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 train station, airport, church, sport venue and other indoor or outdoor place.

Features

- Active phased array speaker with built-in digital power amplifier
- Rated power 240W/350W with high sensitivity, high SPL
- Sound beam directional angle is adjustable(horizontal ±45°),
- Directional angle: Horizontal >120°, Vertical>50°
- Support AUX input and 100V signal input
- Built-in DSP signal processor and digital EQ, assure excellent sound effect
- White and black color available
- Elegant design, suitable for train station, airport & church, etc.
- Waterproof speaker unit and overall stamping aluminum housing design, suitable for outdoor use

Specifications

Model		DSP3025	DSP3036
Frequency amplifier system	Rated power RMS (load 8Ω)	240W	350W
	Power Consumption	360W	520W
	Line input sensitivity	300（-10dB）/500（-6dB）/1000（0dB） mV	

conference@dsppa.com / www.dsppacs.com

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	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 detective 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

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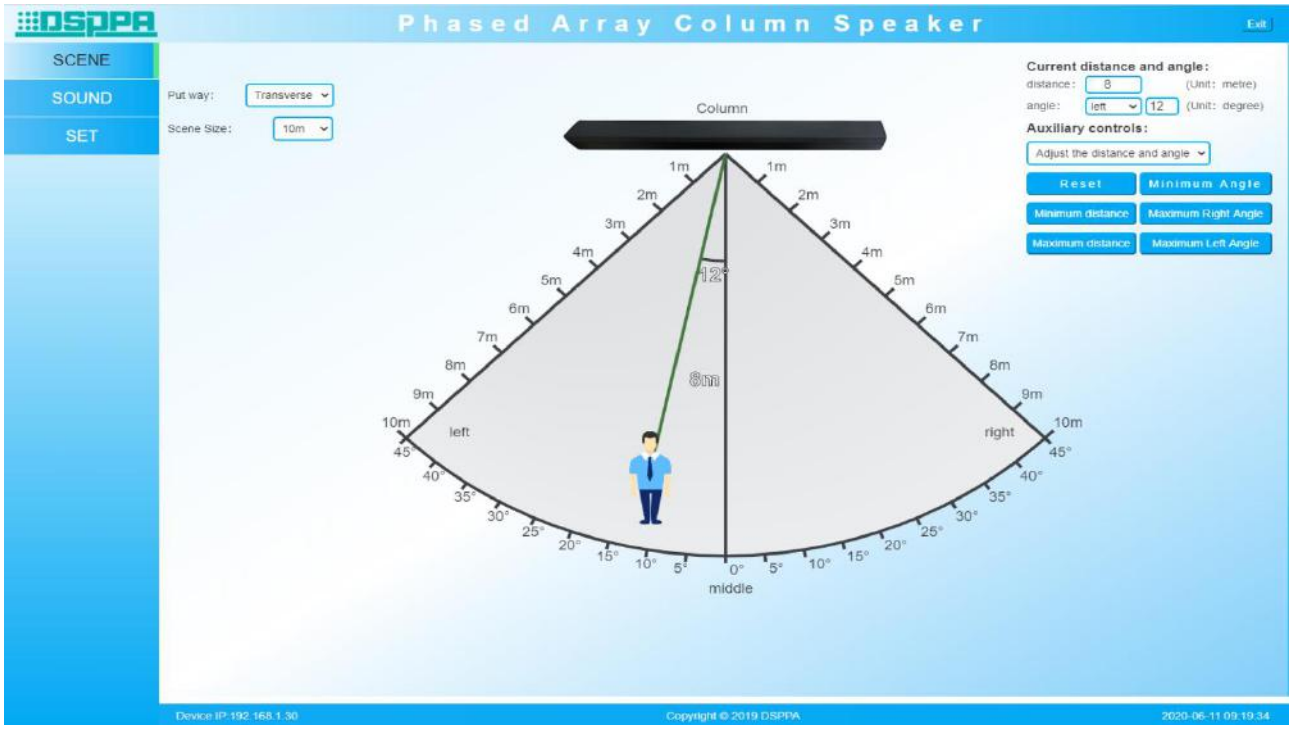

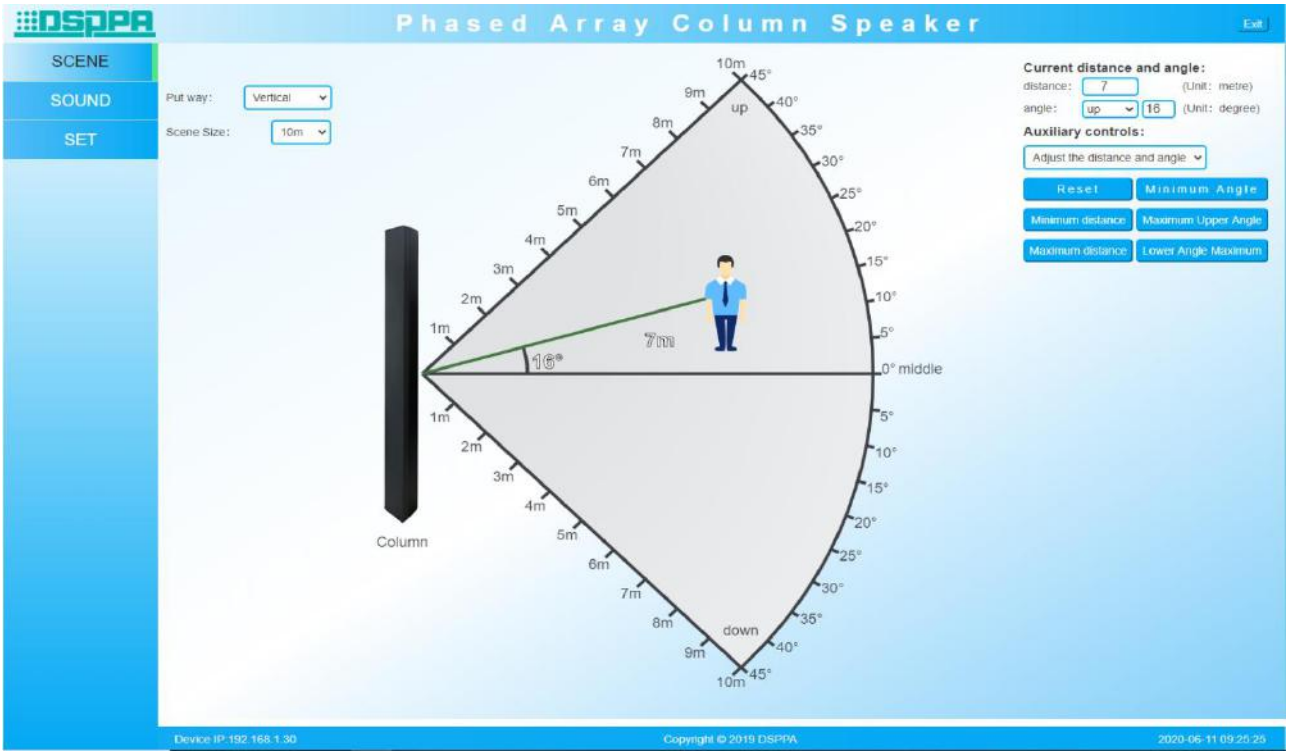

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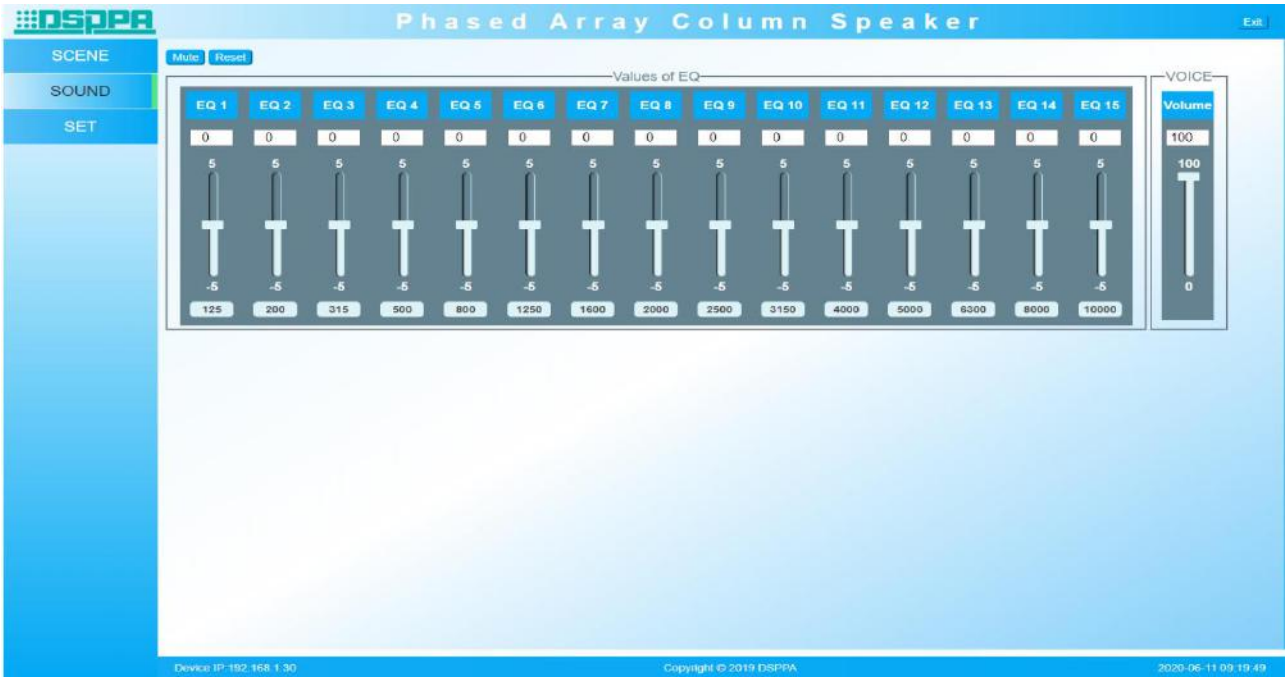

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