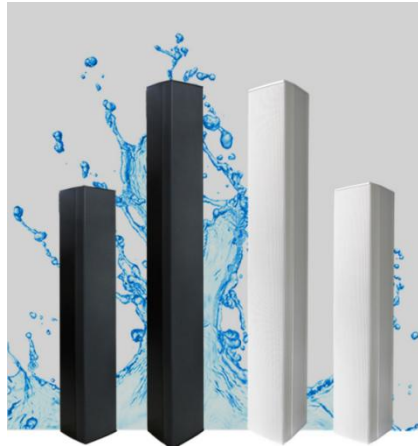


DSP3025/DSP3036

250W/360W 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

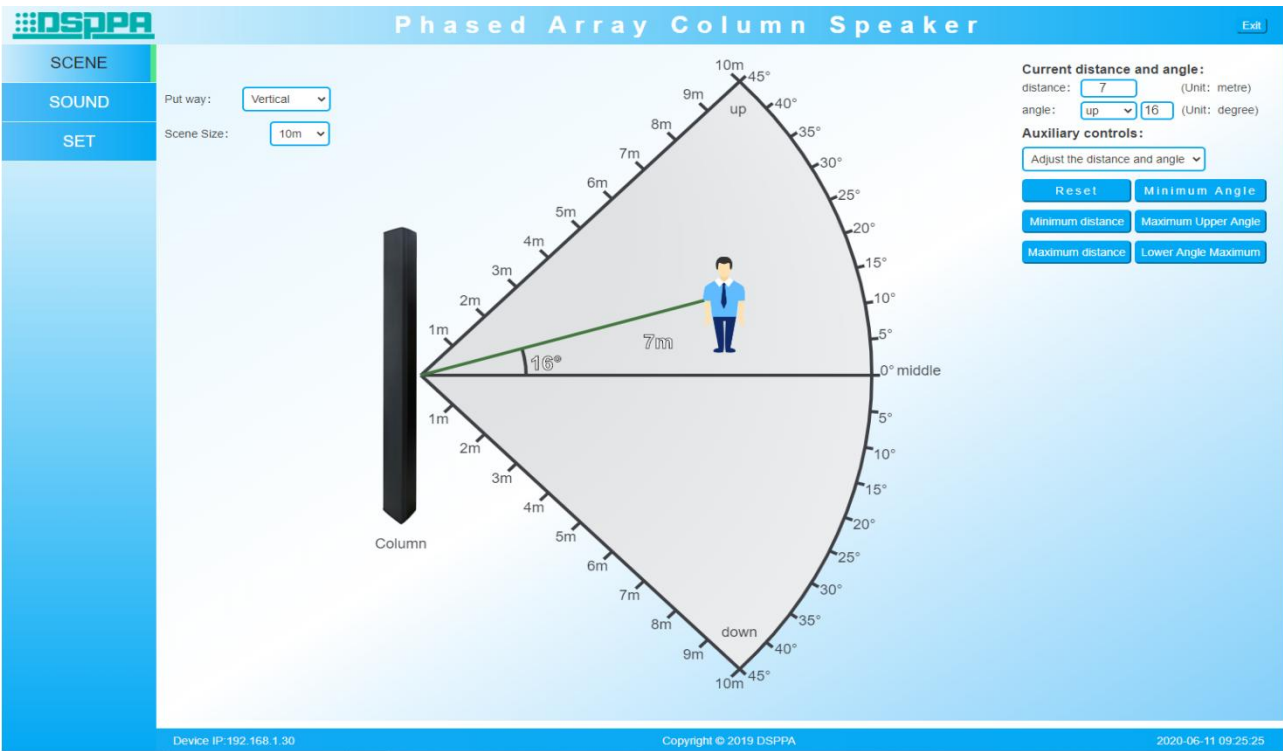
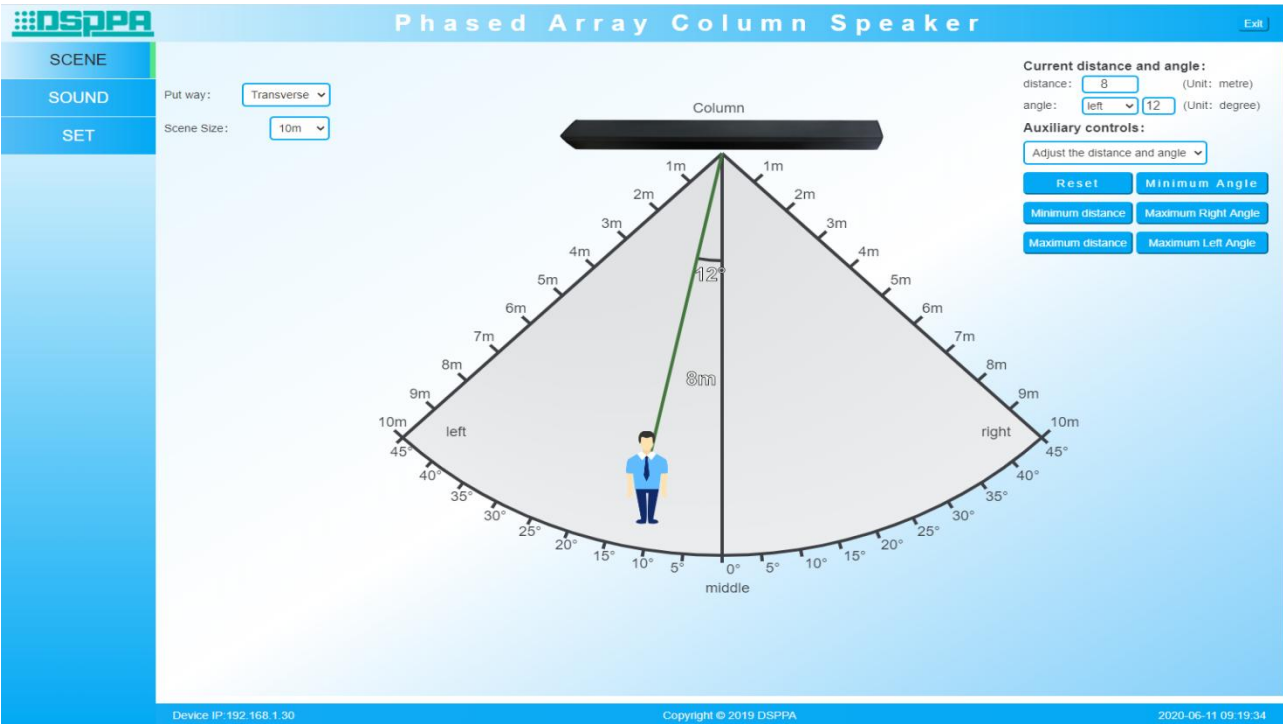
Specifications

| Model | DSP3025 | DSP3036 |
|-------|---------|---------|
|-------|---------|---------|

| | | | |
|----------------------------|--|--|-----------------|
| 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

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