

SPH16

Two-way pendant sphere loudspeaker



The SPH16 is a two-way 100 volt pendant sphere loudspeaker with a very clear sound reproduction. These speakers allow a loud and wide sound dispersion to be produced with a minimal number of loudspeakers. SPH16 is the most cost-effective solution for background music or speech in installations with high ceilings where you need to cover an expansive area (warehouses, supermarkets, industrial buildings...).

This two-way loudspeaker gives you natural music and high speech intelligibility (announcements). They allow you to make a very competitive price offer, because using less loudspeakers also has an impact on your amplifier power needed and the cost to have them installed.

SPH16 has an ABS plastic housing, a 5.25" coated paper cone woofer and 1" tweeter. This loudspeaker has several power tapings (16 – 8 – 4 watts 100 volt transformer) and has an IP53 rating what makes it weather- and UV-proof. A 4.5 m cable with a safety cord inside is included.

The SPH16 loudspeakers can be painted in any colour.

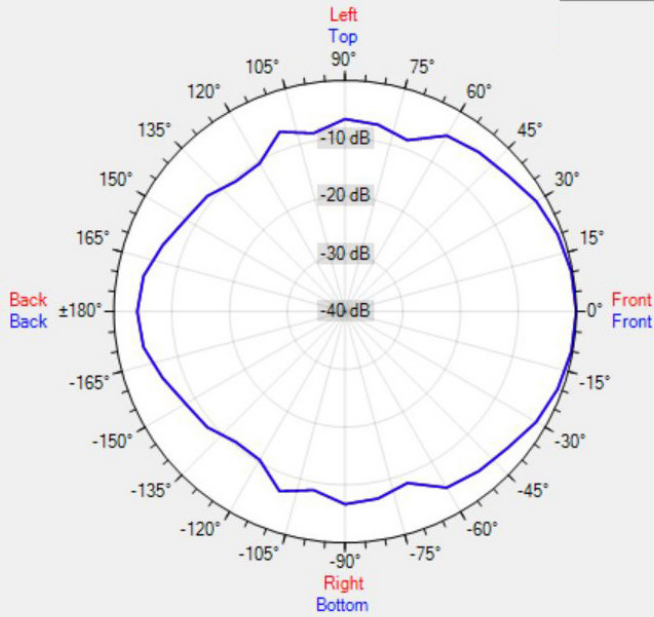
TECHNICAL SPECIFICATIONS

| | | | |
|--------------------------------------|----------------|--|-------------|
| loudspeaker system | two-way | woofer size in inch | 5,25 |
| woofer cone material | paper | tweeter size in inch | 1 |
| mounting system | ceiling socket | colour | white |
| 100V transformer power taps in watts | 16 - 8 - 4 | impedance (ohms) | 8 |
| low impedance dynamic power in watts | 25 | low impedance RMS power in watts | 16 |
| SPL 1W/1m in dB | 88 | max SPL 1m in dB | 102 |
| frequency response in Hz | 80 - 20K | main construction material | ABS plastic |
| grille main material | ABS plastic | IP rating | |
| Vertical dispersion angle 1000 Hz | 180° | closest RAL colour (subject to deviations) | RAL9003 |
| Net weight product (kg) | 1,70 | | |

POLAR PLOTS

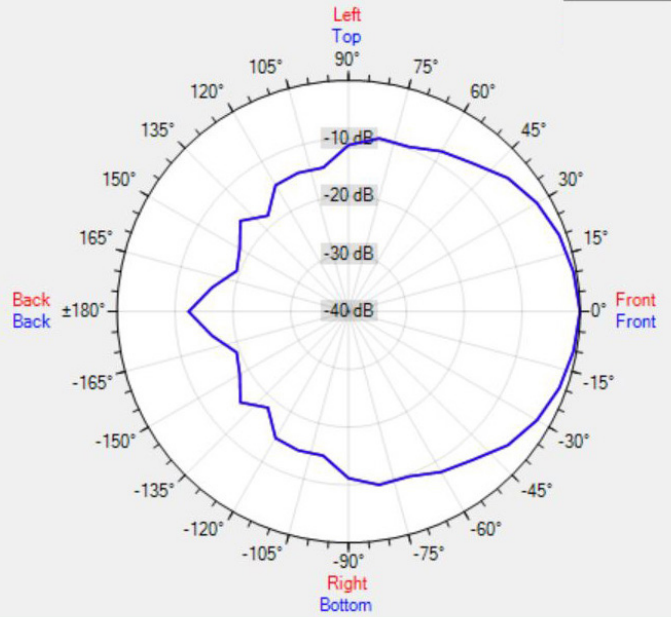
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Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal
Vertical



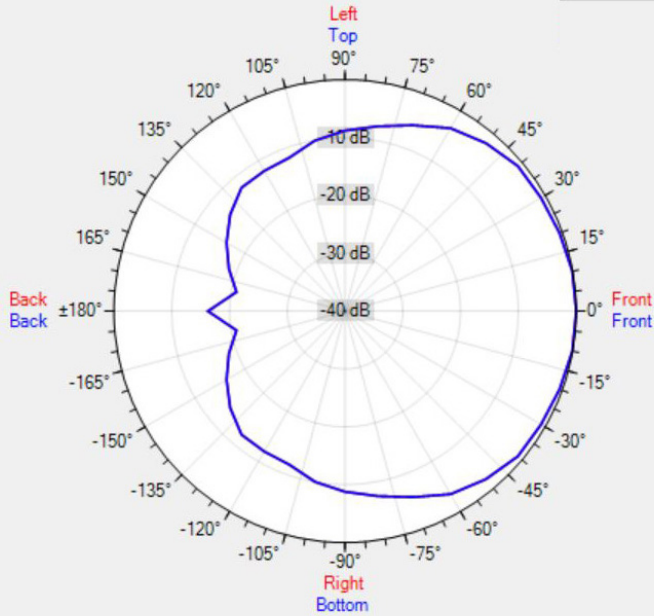
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Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal
Vertical



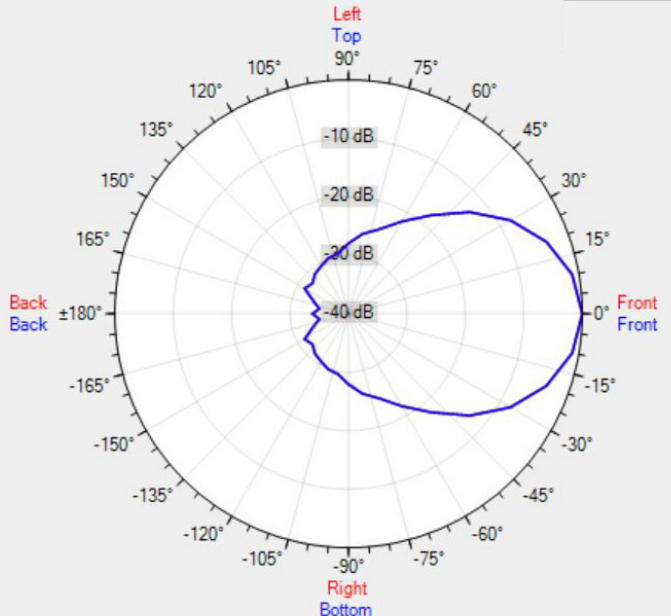
Data Shown: SPH16 (Apart Audio)
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal
Vertical



Data Shown: SPH16 (Apart Audio)
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal
Vertical



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