

## 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.

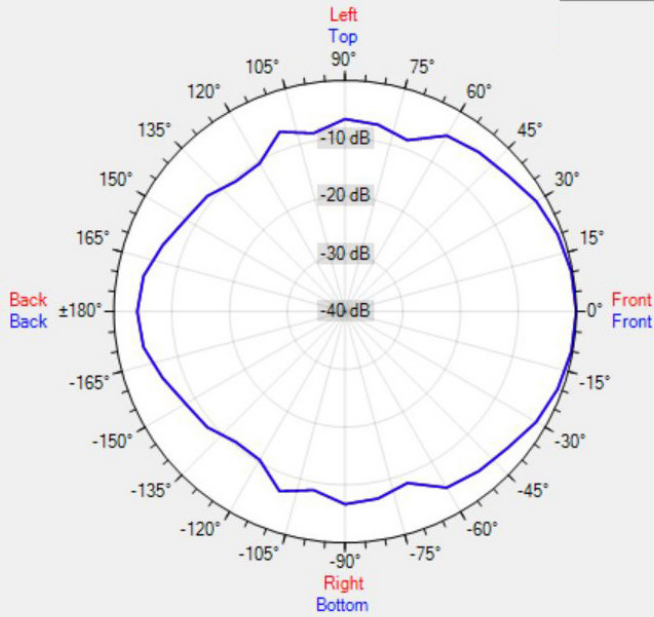
### TECHNICAL SPECIFICATIONS

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

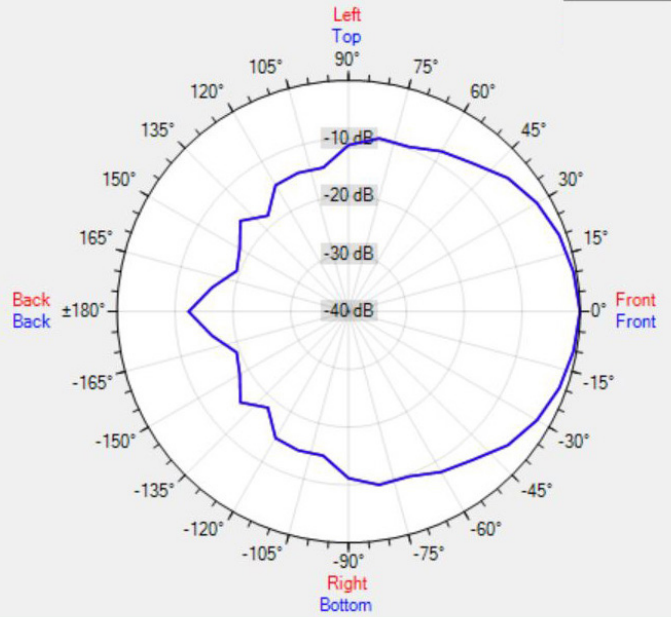
Data Shown: SPH16 (Apart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



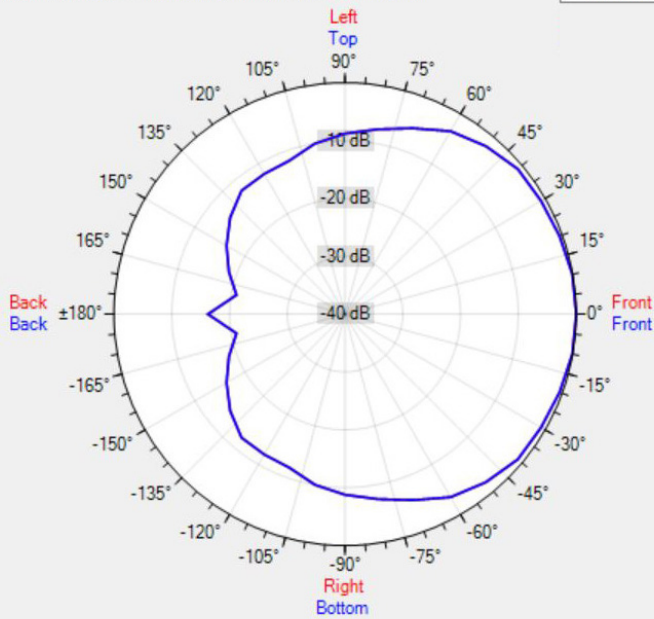
Data Shown: SPH16 (Apart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



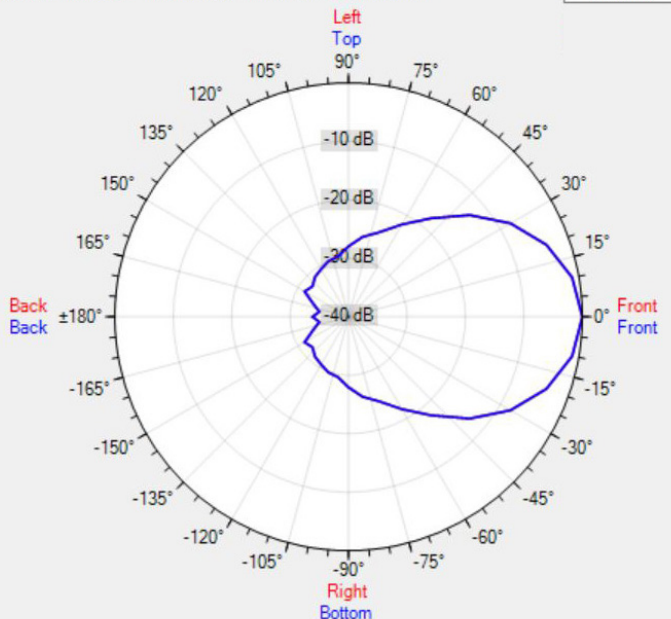
Data Shown: SPH16 (Apart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



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

Horizontal  
Vertical



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