

SPH20

360° dispersion sphere loudspeaker



The SPH20 is dual cone 100 volt sphere loudspeaker with a built-in special dispersion cone which gives you a 360° wide dispersion. These speakers allow a loud and wide sound dispersion to be produced with a minimal number of loudspeakers. SPH20 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 sphere 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.

SPH20 has an ABS plastic housing and an 8" coated paper dual cone woofer. This loudspeaker has several power tapings (20 – 10 – 5 – 2.5 watts 100 volt transformer) and has an IP63 rating what makes the speaker moisture- and UV proof. A 3.3 m cable with a safety cord inside is included.

The SPH20 loudspeakers can be painted in any colour.

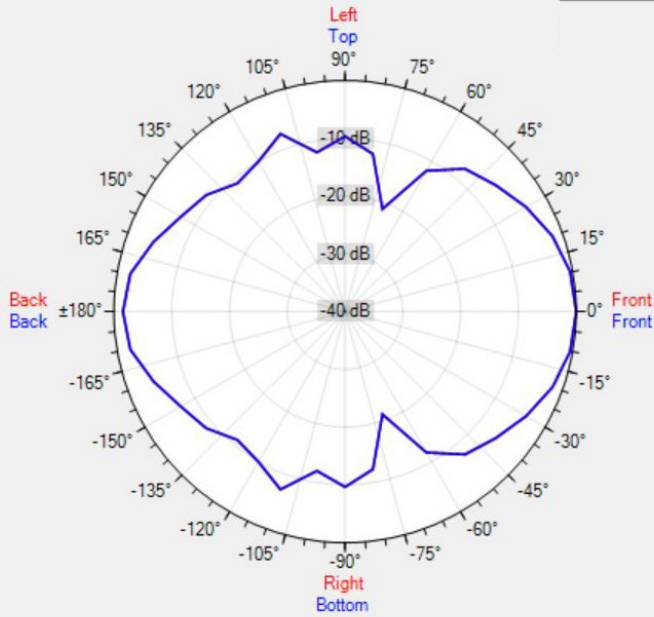
TECHNICAL SPECIFICATIONS

loudspeaker system	dual cone	woofer size in inch	8
woofer cone material	paper	mounting system	ceiling socket
colour	white	100V transformer power taps in watts	20 - 10 -5
impedance (ohms)	8	low impedance dynamic power in watts	30
low impedance RMS power in watts	20	SPL 1W/1m in dB	95
max SPL 1m in dB	111	frequency response in Hz	80 - 18K
main construction material	ABS plastic	grille main material	ABS plastic
IP rating		Vertical dispersion angle 1000 Hz	110°
closest RAL colour (subject to deviations)	RAL9003	Net weight product (kg)	2,20

POLAR PLOTS

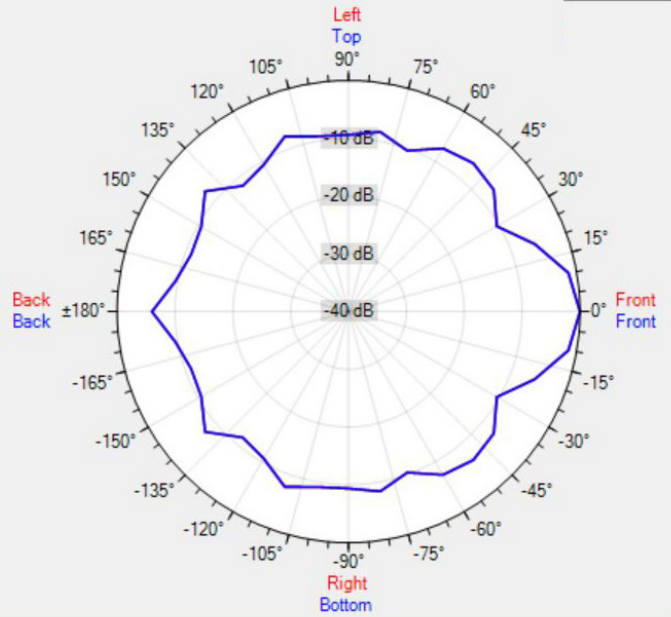
Data Shown: SPH20 (Apart Audio)
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal
Vertical



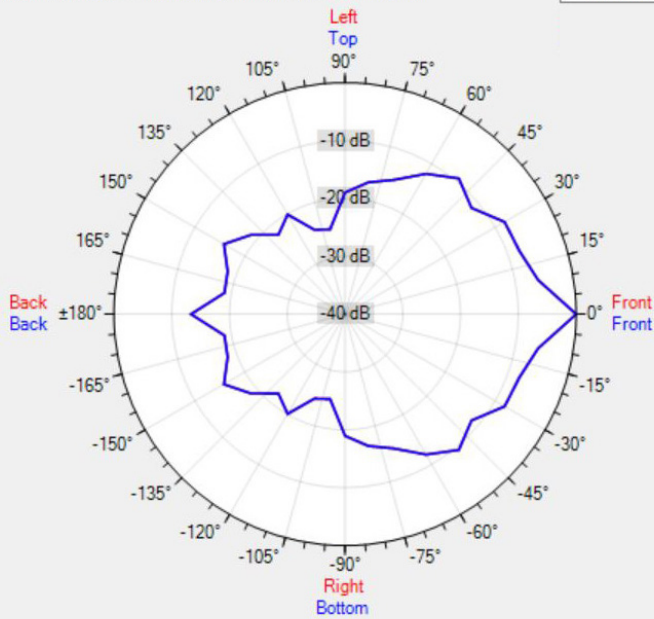
Data Shown: SPH20 (Apart Audio)
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal
Vertical



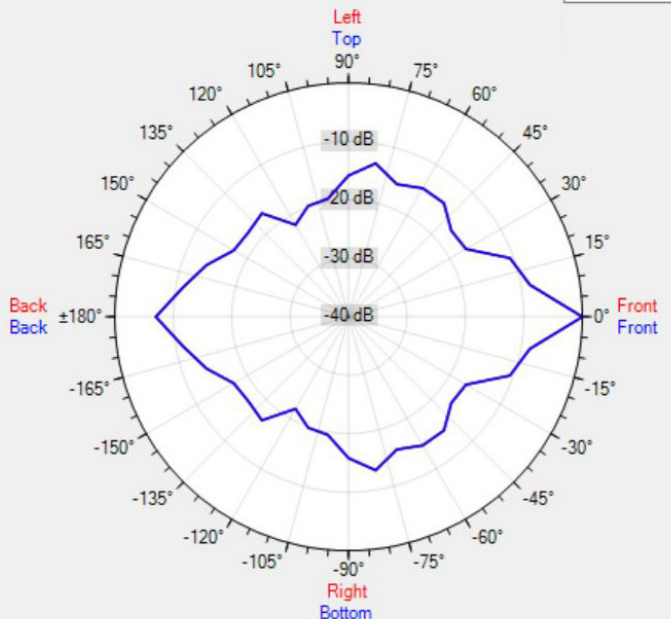
Data Shown: SPH20 (Apart Audio)
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal
Vertical



Data Shown: SPH20 (Apart Audio)
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal
Vertical



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