

# SPH20

## 360° dispersion sphere loudspeaker



The Apart 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 standard colour is white, but as an option the SPH20 can be painted in any RAL colour (Ref. PAINT-SPH) when ordering a minimum quantity of 12 pieces.

### TECHNICAL SPECIFICATIONS

<b>loudspeaker system</b>	dual cone	<b>woofer size in inch</b>	8
<b>woofer cone material</b>	paper	<b>mounting system</b>	ceiling socket
<b>colour</b>	white	<b>100V transformer power taps in watts</b>	20 - 10 -5
<b>impedance in ohms</b>	8	<b>low impedance dynamic power in watts</b>	30
<b>SPL 1W/1m in dB</b>	95	<b>max SPL 1m in dB</b>	111
<b>frequency response in Hz</b>	80 - 18K	<b>main construction material</b>	ABS plastic
<b>grille main material</b>	ABS plastic	<b>IP rating</b>	63
<b>applicable low impedance</b>	No	<b>applicable in 100V</b>	Yes
<b>Vertical dispersion angle 1000 Hz</b>	110°		

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