

# EN-SPH6T20-W

EN54-24 certified 6" sphere  
loudspeaker



The EN-SPH6T20-W is a 6.5" sphere loudspeaker with ABS housing (RAL 9016 equivalent), equipped with a high efficiency full range speaker and a multi tap 100 volt transformer, all certified according EN 54-24.

The unit has a ceramic speaker line connector block, thermal fuse and a power selector switch at the top of the speaker.

The unit can be used as a low impedance speaker by setting the power selector switch to the 8 ohms position in this position the speaker delivers a power of 20 watts.

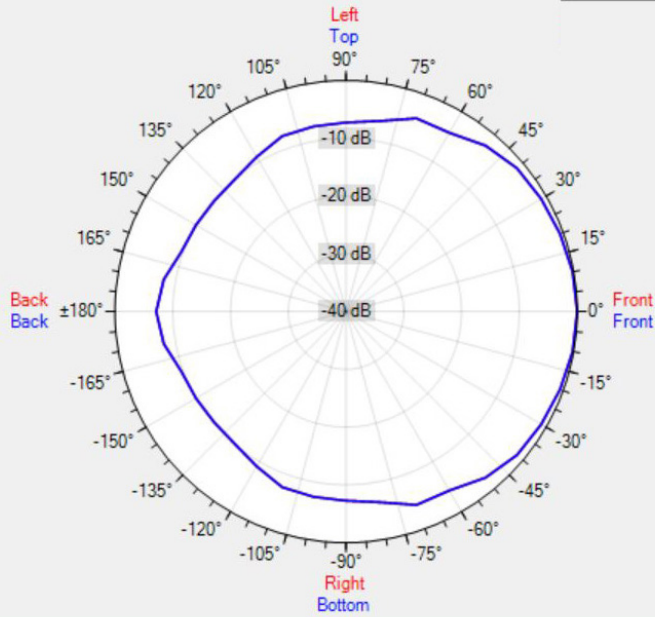
## TECHNICAL SPECIFICATIONS

outside diam. in mm	260	depth in mm	245
loudspeaker system	full range	woofer size in inch	6.5
woofer cone material	paper	mounting system	2 screws
colour	white	100V transformer power taps in watts	20 - 15 - 10 - 5 - 2.5
low impedance dynamic power in watts	20	SPL 1W/1m in dB	93,5
max SPL 1m in dB	106,5	frequency response in Hz	90 - 20 k
main construction material	ABS plastic	IP rating	35
operating temperatures	-20°C to +80°C	applicable low impedance	yes
applicable in 100V	yes	certificate ref	1438/CPR/0353
Vertical dispersion angle 1000 Hz	180°	closest RAL colour (subject to deviations)	RAL9016
Net weight product (kg)	2.15		

## POLAR PLOTS

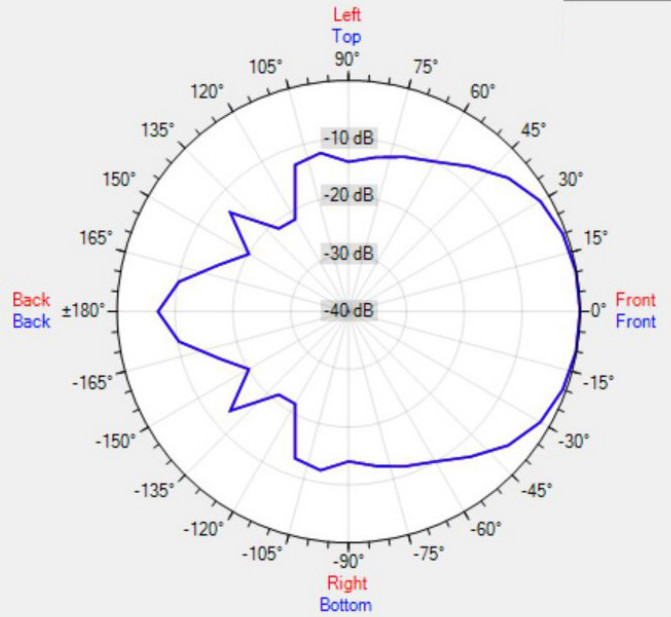
Data Shown: EN-SPH6T20-W (APart Audio)  
Display Parameters: Frequency: 1000Hz (1/24th Octave)

Horizontal  
Vertical



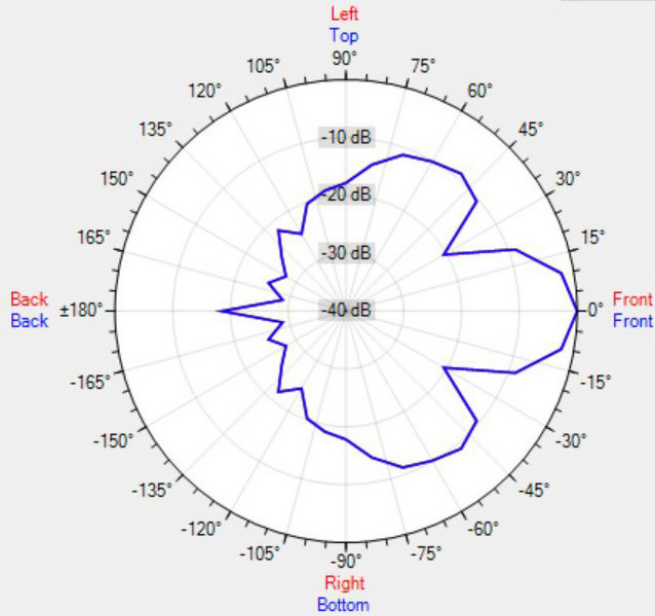
Data Shown: EN-SPH6T20-W (APart Audio)  
Display Parameters: Frequency: 2000Hz (1/24th Octave)

Horizontal  
Vertical



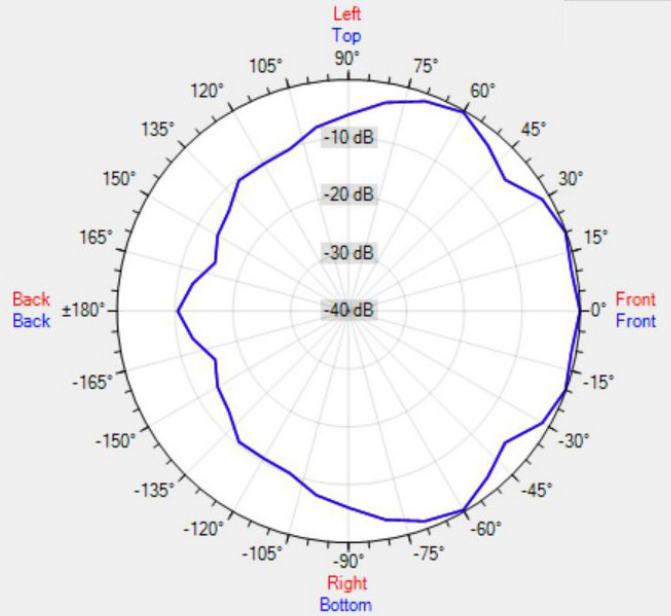
Data Shown: EN-SPH6T20-W (APart Audio)  
Display Parameters: Frequency: 4000Hz (1/24th Octave)

Horizontal  
Vertical



Data Shown: EN-SPH6T20-W (APart Audio)  
Display Parameters: Frequency: 8000Hz (1/24th Octave)

Horizontal  
Vertical



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