PUBLIC ADDRESS / SPEAKERS / CEILING

SKY-6T-DOME

6' + 1' CEILING LOUDSPEAKER WITH 100 V LINE TRANSFORMER AND LOW IMPEDANCE





- 6' + 1' coaxial speaker. 20/10/5/2.5 W RMS@100 V and 20 W RMS@8 ?
- Protective dome type back cover
- Low profile aluminium grille
- Fast connection terminals and high conductivity. In junction box
- Anti-fall system for installation assistance

+ Info:
https://fonestar.com/SKY-6T-DOME

ESPECIALLY RECOMMENDED IN:


Hospitality


Retail


Hotels


All sectors

DESCRIPTION

6' coaxial ceiling speaker with 1' tweeter and rear dome cover. 20/10/5/5 W RMS@100 V and 20 W RMS@8 Ohm. Low profile grille.

TECHNICAL CHARACTERISTICS

FEATURES	Ceiling loudspeaker with 100 V line transformer and low impedance. Protective dome type back cover. Low profile frameless grille, constructed from rust resistant aluminium. Detachable, turn-lockable grille. The logo can be removed and painted. Fast connection terminals and high conductivity. Junction box in the rear cover with inlet and outlet port. Anti-fall system for installation assistance. Hook for safety cable. Stable, worm-gear ceiling brackets. Installation in ceilings with limited space. Protection against dust and water.
POWER	20 W RMS 25 W MAX.
SPEAKER	Coaxial speaker. 6" polypropylene woofer 1" adjustable tweeter
RESPONSE	45-20,000 Hz @ -10 dB 60-20,000 Hz @ -3 dB
IMPEDANCE	20 W RMS@100 V (500 Ohm) 10 W RMS@100 V/70 V (1.000 Ohm/490 Ohm) 5 W RMS@100 V/70 V (2.000 Ohm/980 Ohm) 2'5 W RMS@100/ 70 V (4.000Ohm/1.960 Ohm) 1.25 W RMS@70 V (3.920 Ohm) Low Z: 8 Ohm
SENSITIVITY	90 dB @ 1 W/1 m
SOUND PRESSURE	103 dB @ max. W/1m Continuous 106 dB @ max. W/1m Peak



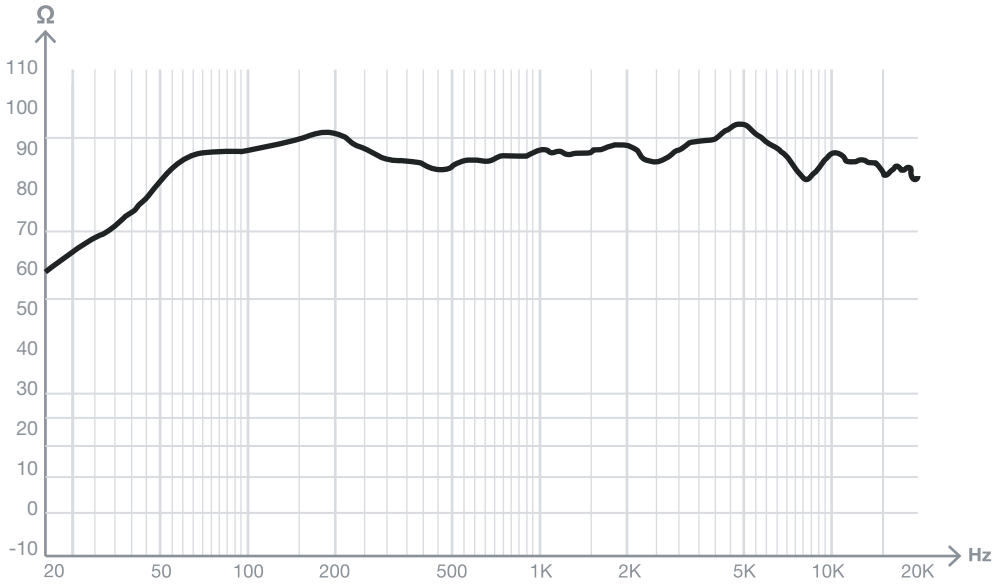
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COVERAGE ANGLE:	150°@1kHz (-6 dB)
PROTECTIONS	IP-65 in compliance with IEC 60529 EN ISO 9227:2006 Neutral Salt Spray Test
MATERIAL	ABS (UV resistant) Liquid painted aluminium grille
CONNECTORS	Quick-connect terminals with high conductivity Conductor cross-section: 0.4–4 mm² Rubber cable glands for round cables with a diameter of 6–7 mm
SWITCH	W selector in high Z and 8 Ohm. Accessible from the front.
OPERATION TEMPERATURE	-20°C ~ 70°C (48 h)
STORAGE TEMPERATURE	10°C ~ 40°C
MAXIMUM HUMIDITY	95%
COLOUR	White (RAL 9003)
DIMENSIONS	Total loudspeaker: 249 mm Ø x 95 mm height Grille section: 5 mm Recessed height: 90 mm Installation hole: 219 mm Ø Maximum ceiling thickness: 30 mm
WEIGHT	1.85 kg
ACCESSORIES	Installation template

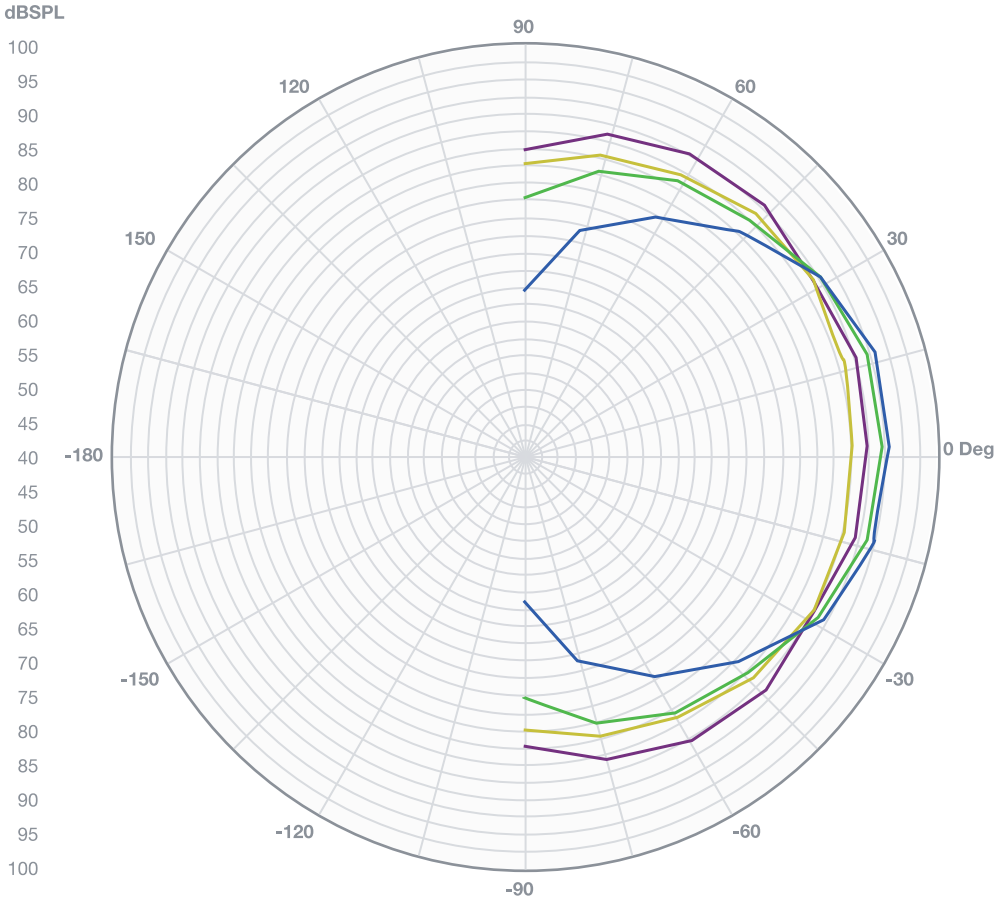


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SPL vs Frequency



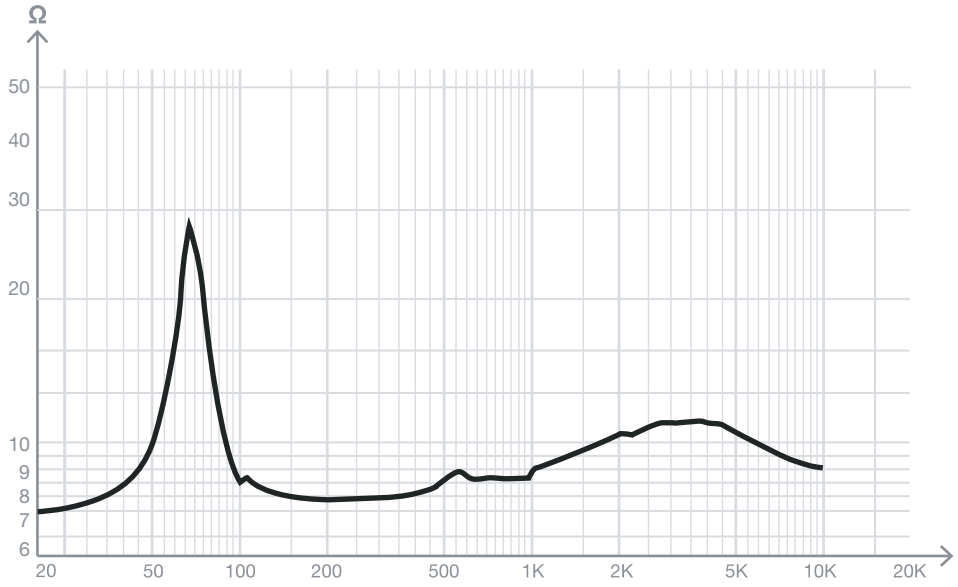
SPL vs Angle



Curve	Freq.	BW	Q	DI
	500.00	150	2.4	3.8
	1.00K	150	2.4	3.8
	2,00K	90	4.0	3.8
	4.00K	60	6.0	7.8

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Impedance vs Frequency



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