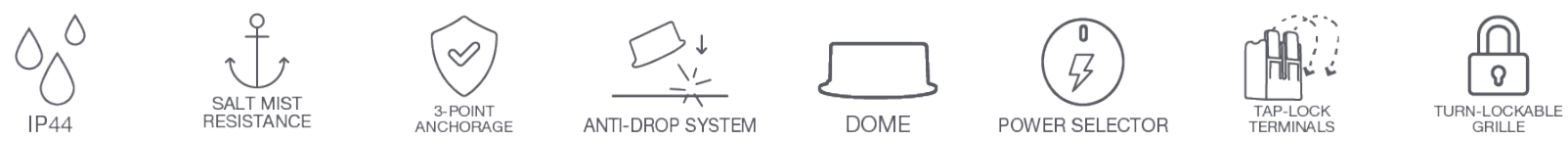
PUBLIC ADDRESS / SPEAKERS / CEILING

SKY-3XT

100 V LINE TRANSFORMER 3" CEILING LOUDSPEAKER





- 3" speaker. 6/3/1.5 W RMS@100 V
- Low profile aluminium grille
- Highly conductive quick-connect terminals
- Protection against dust and water. Resistant to corrosive environments, high temperatures, and humidity (sauna).

+ Info:
https://fonestar.com/SKY-3XT

ESPECIALLY RECOMMENDED IN:


Hospitality


Retail


Hotels


All sectors

DESCRIPTION

3" dome ceiling speaker. 6/3/1.5 W RMS@100 V. Low-profile grille.

TECHNICAL CHARACTERISTICS

FEATURES	Ceiling speaker with 100 V line transformer. Protective dome-type rear cover. Frameless, low-profile grille made of oxidation-resistant aluminum. Removable, lockable by rotation. The logo can be removed and painted. Quick connection terminals with high conductivity. Safety cable hook. Stable ceiling mounting brackets with worm-screw system. Protection against dust and water. Resistant to corrosive environments, high temperature, and humidity (sauna).
POWER	6 W RMS 12 W MAX.
SPEAKER	3" polypropylene diaphragm
RESPONSE	110-17.000 Hz @ -10 dB 140-16.000 Hz @ -3 dB
IMPEDANCE	6 W RMS@100 V (1,666 Ohm) 3 W RMS@100 V/70 V (3,333 Ohm/1,633 Ohm) 1.5 W RMS@100V/70 V (6,666/ 3,266 Ohm) 0.75 W RMS@70 V (6,533 Ohm)
SENSITIVITY	83 dB @ 1 W/1 m
SOUND PRESSURE	91 dB @ max. W/1m Continuous 94 dB @ max. W/1m Peak
COVERAGE ANGLE	150°@1kHz (- 6 dB)
PROTECTIONS	IP-66 test according to IEC 60529 Corrosive gas (96 h) test according to IEC 60068-2-60 Humidity (95%, 40°C, 96 h) test according to IEC 60068-2-78 Dry heat (100°C, 72 h) test according to IEC 60068-2-2
MATERIAL	PC and ABS (UV and high temperature resistance) Aluminum grille with liquid paint

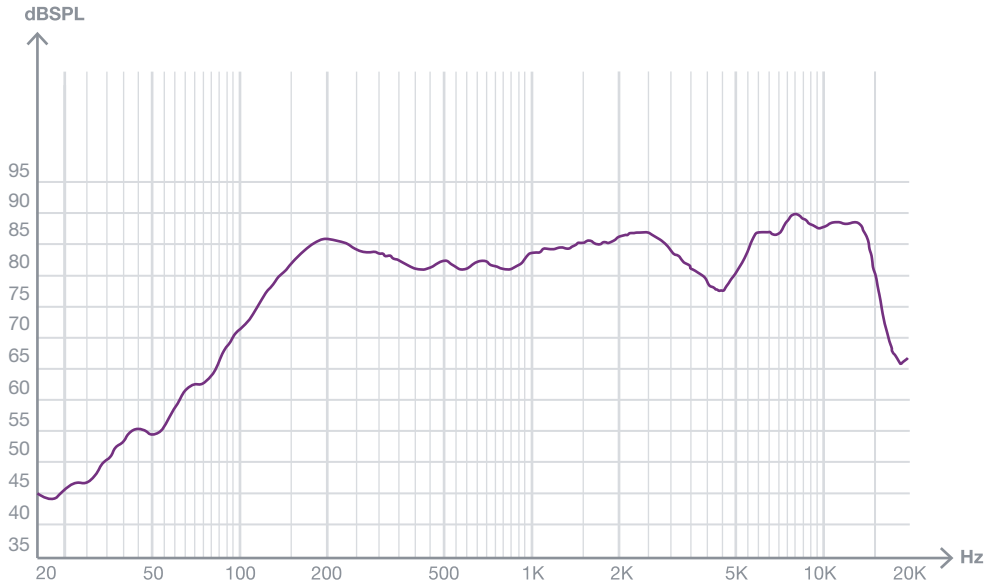

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CONNECTORS	Highly conductive quick-connect terminals Conductor cross-section 0.4–4 mm² Rubber grommet for round cable 6–7 mm ?
OPERATION TEMPERATURE	-20ºC ~ 100ºC (96 h)
STORAGE TEMPERATURE	10ºC ~ 40ºC
MAXIMUM HUMIDITY	95%
COLOUR	White (RAL 9003)
DIMENSIONS	Total loudspeaker: 144 mm Ø x 92 mm height Grille section: 5 mm Recessed height: 87 mm Installation hole: 117 mm Ø Maximum ceiling thickness: 30 mm
WEIGHT	0.65 kg
INCLUDES	Installation template

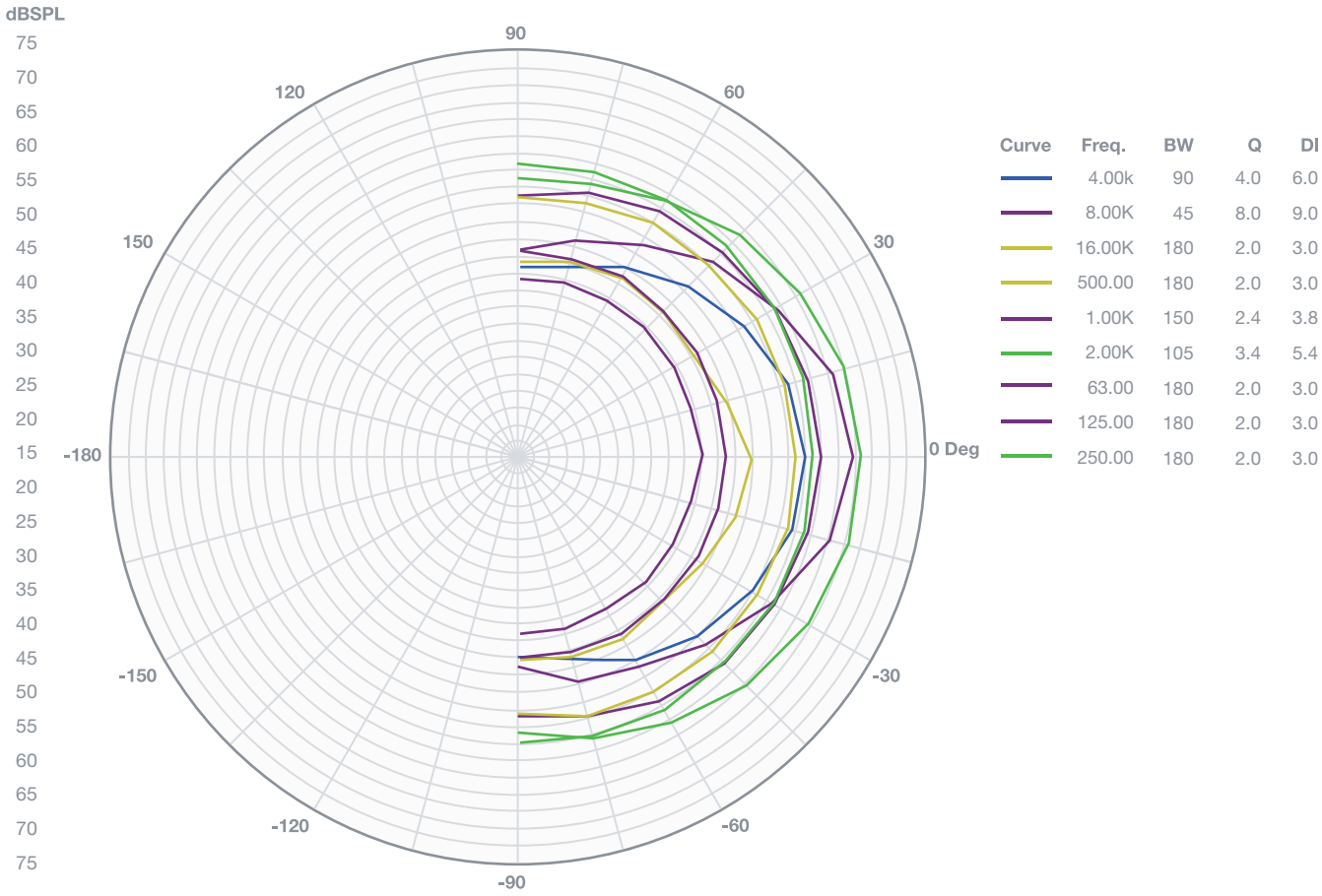


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SPL vs Frequency



SPL vs Angle



Curve	Freq.	BW	Q	DI
	4.00k	90	4.0	6.0
	8.00K	45	8.0	9.0
	16.00K	180	2.0	3.0
	500.00	180	2.0	3.0
	1.00K	150	2.4	3.8
	2.00K	105	3.4	5.4
	63.00	180	2.0	3.0
	125.00	180	2.0	3.0
	250.00	180	2.0	3.0

Impedance vs Frequency

