PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5TN

100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER





IP66

- Crisp, distortion-free sound
- Excellent finish and elegant design
- IP-66 protection and salt fog
- Quick and easy installation

+ Info:
https://fonestar.com/SONORA-5TN

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

5 ¼" surface speaker. 40/20/10/5 W RMS@100 V. 40 W RMS@8Ohm. IP-66 protection and salt fog. Adjustable fixing mount. Steel safety cable.

TECHNICAL CHARACTERISTICS

FEATURES	Low impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials.
POWER	80 W max., 40 W RMS
SPEAKERS	1 x 5 ¼" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20,000 Hz
IMPEDANCE	40 W RMS@100 V/ (250 Ohm) 20 W RMS@100 V/70 V (500 Ohm/245 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@70 V (1.960 Ohm) Low Z: 8 Ohm
SENSITIVITY	88.3 dB @ 1 W/1 m
MAXIMUN SOUND PRESSURE	102.2 dB @ max. W/1 m
COVERAGE ANGLE	135° H x 135° V @1kHz (-6 dB)
PROTECTIONS	IP-66 according to EN 60529 IEC 60068-2-11 Environmental tests (Salt spray)
MATERIAL	ABS (UV resistance) Aluminium grille with powder coating Mount with weather-resistant treatment Stainless steel screws
SWITCH	W selector in high Z and low Z
CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9005)

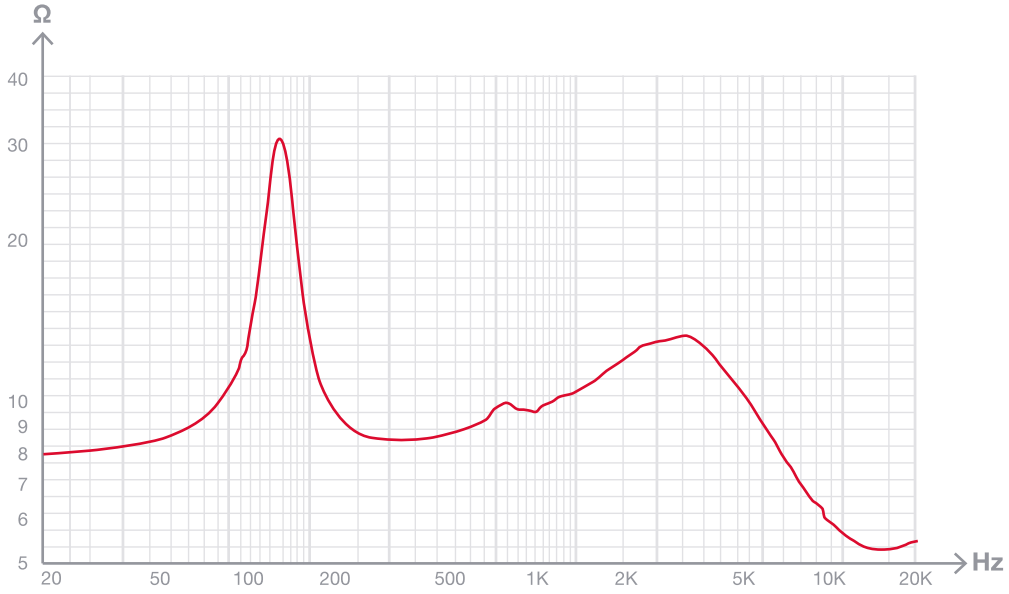


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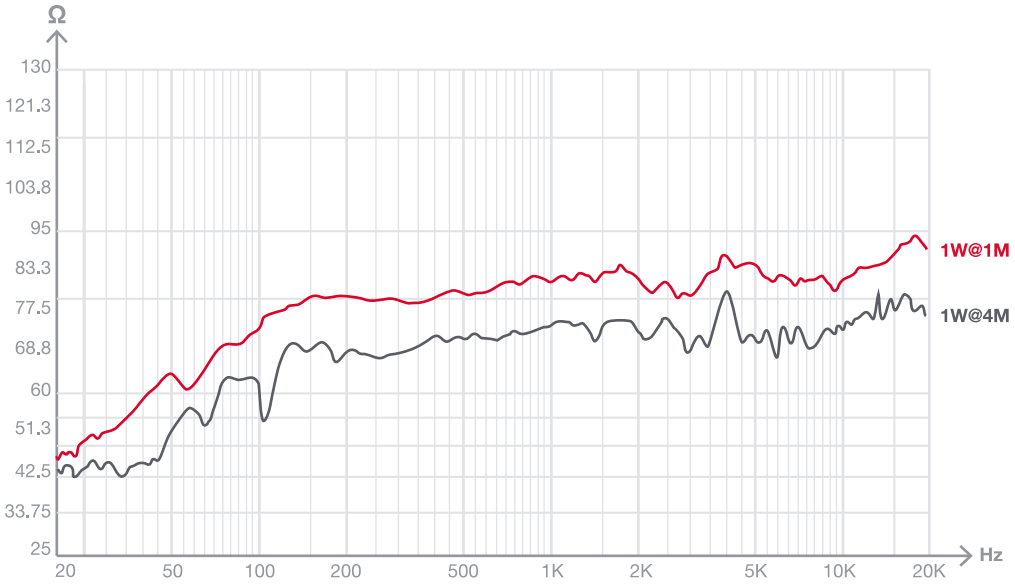
DIMENSIONS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	2.2 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

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Impedance vs Frequency

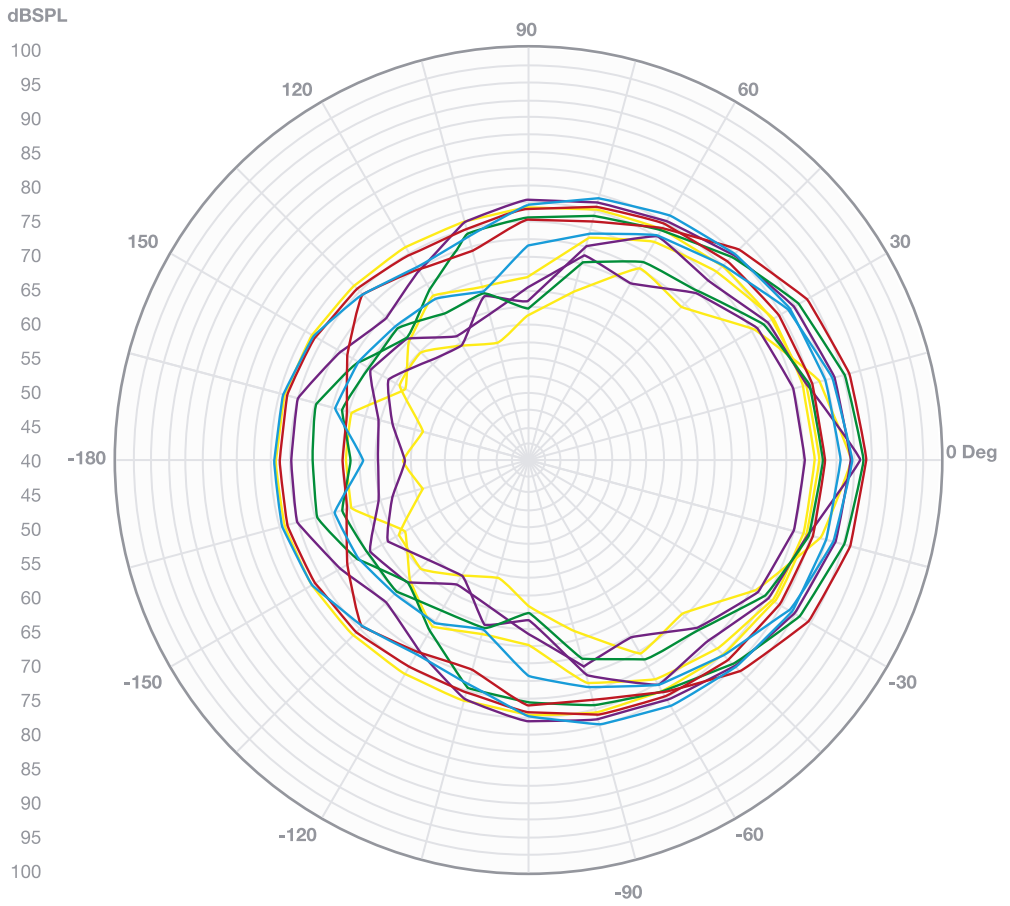


SPL vs Frequency



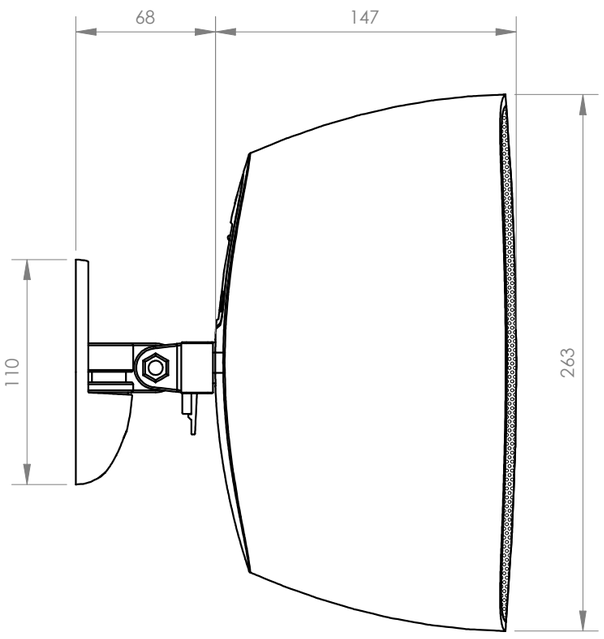
+ Info
https://fonestar.com/SONORA-5B

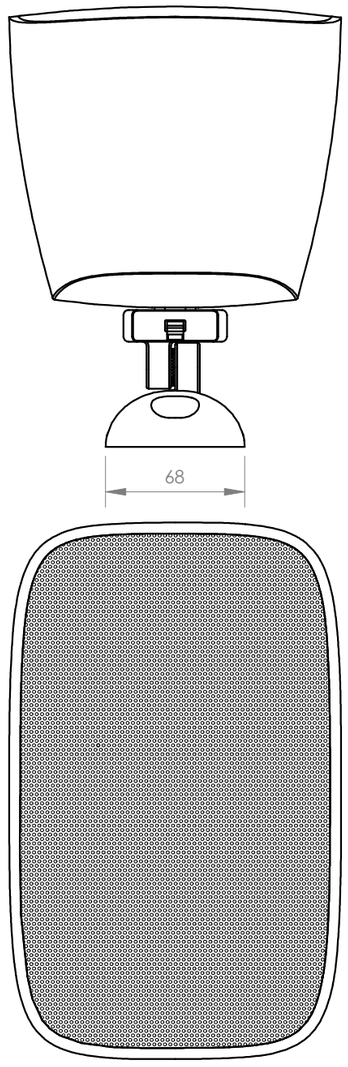
SPL vs Angle

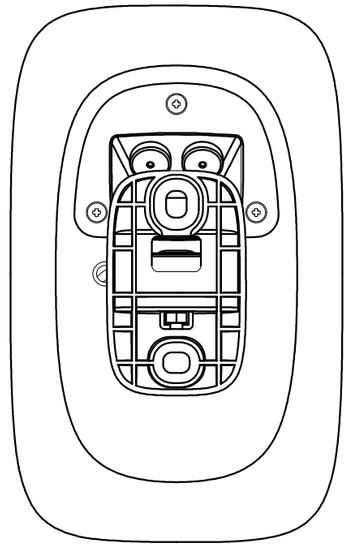


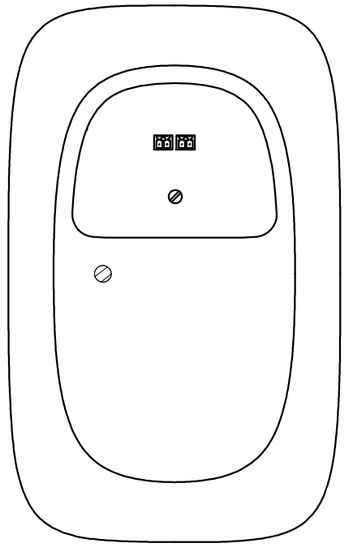
Curve	Freq.	BW	Q	DI
	441.94	360	1	0.0
	625.00	120	3.0	4.8
	883.88	150	2.4	3.8
	1.25K	120	3.0	4.8
	1.77K	90	4.0	6.0
	2.50K	60	6.0	7.8
	3.54K	60	6.0	7.8
	5.00K	90	4.0	6.0
	7.07K	90	4.0	6.0
	10.00K	60	6.0	7.8
	14.14K	60	6.0	7.8
	20.00K	60	6.0	7.8
	28.28K	60	6.0	7.8
	40.00K	60	6.0	7.8

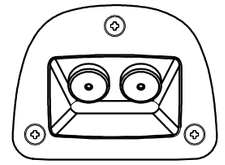
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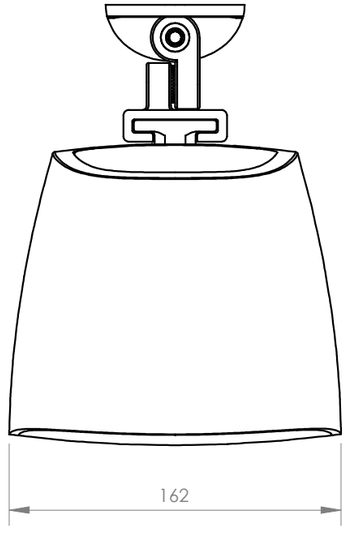












FONESTAR	Model SONORA-5TB+SONORA-5TN	Description 100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER	Units mm	Scale 1:3