PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-4TN

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-4TN

ESPECIALLY RECOMMENDED IN:


Hospitality


Education


Hotels


All sectors

DESCRIPTION

4" surface speaker. 30/15/7.5/3.75 W RMS@100 V. 30 W RMS@8Ohm. IP-66 protection and salt fog. Adjustable fixing mount. Steel safety cable.

TECHNICAL CHARACTERISTICS

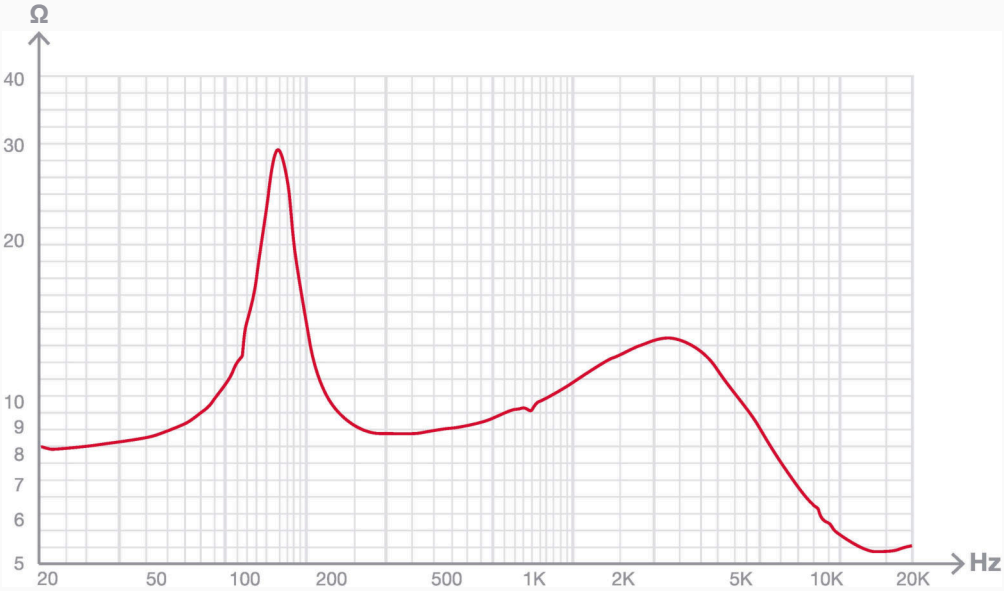
FEATURES	Low-impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials.
POWER	60 W max., 30 W RMS
LOUDSPEAKERS	1 x 4" polypropylene woofer 1 x 1" tweeter
RESPONSE	120-20,000 Hz
IMPEDANCE	30 W RMS@100 V (333 Ohm) 15 W RMS@100 V/70 V (667 Ohm/326 Ohm) 7'5 W RMS@100 V / 70 V(1.333 Ohm/ 653 Ohm) 3'75 W RMS@100 V / 70 V(2.667 Ohm/ 1.306 Ohm) 1'9 W RMS@70 V (2.579 Ohm) Low Z: 8 Ohm
SENSITIVITY	84.9 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	97.6 dB @ max. 1 W/1 m
COVERAGE ANGLE	145° H x 130° V @1kHz (-6 dB)
PROTECTION	IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental tests (Saline mist)
MATERIAL	ABS (UV resistance) Aluminium mesh grille with powder-coated finish Weather-resistant mount A2 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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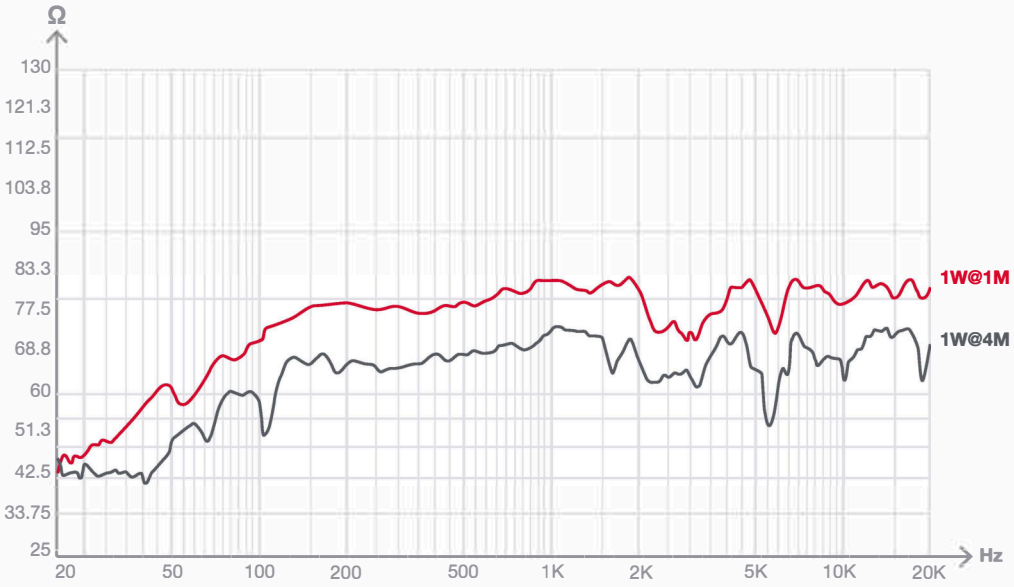
DIMENSIONS	Loudspeaker: 125 x 202 x 125 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 193 mm depth
WEIGHT	1.5 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

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Impedance vs Frequency

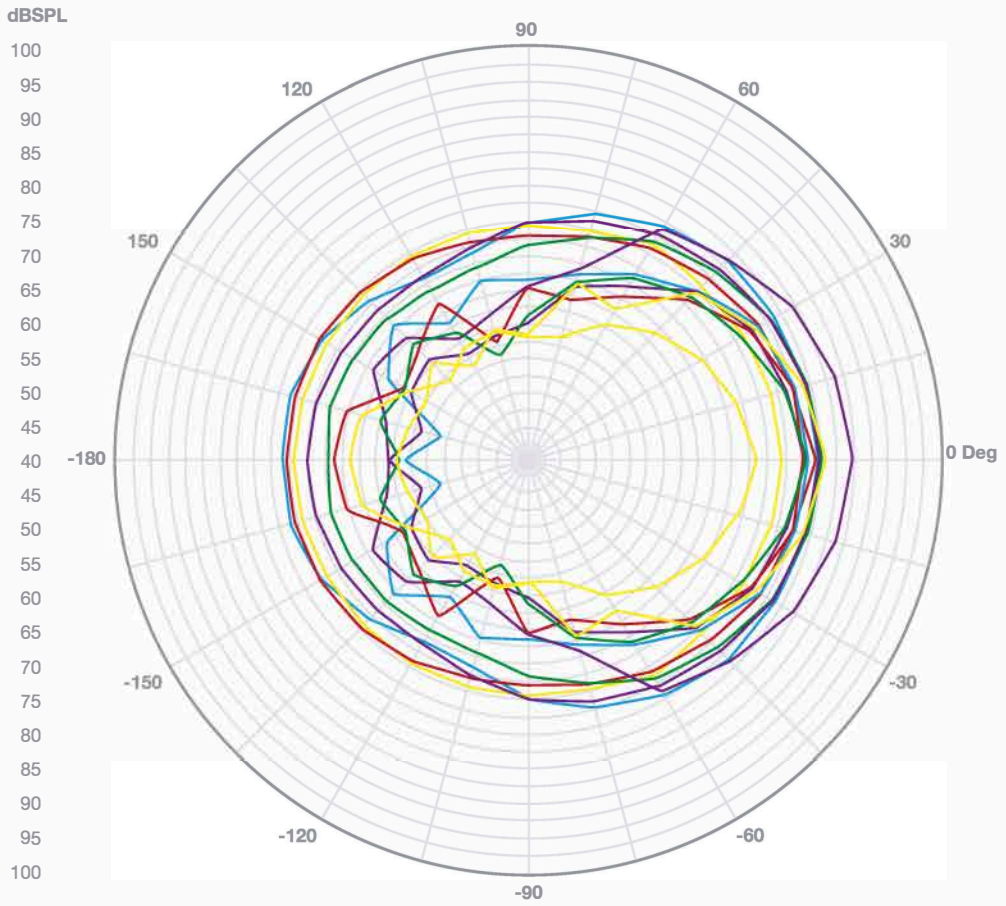


SPL vs Frequency



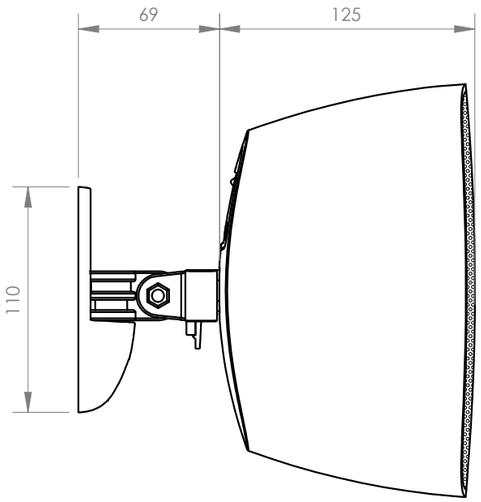
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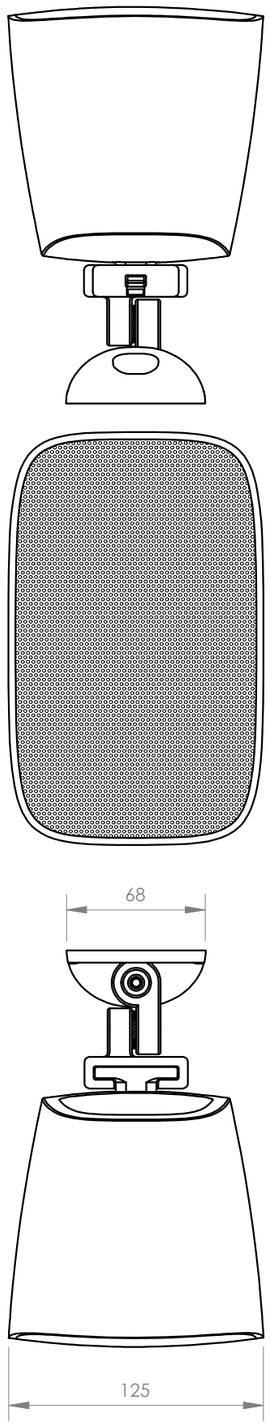
SPL vs Angle

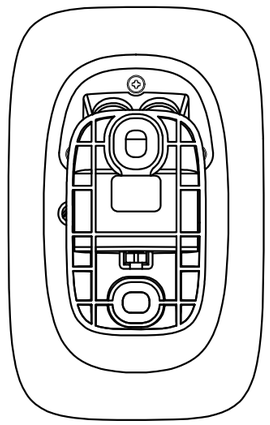


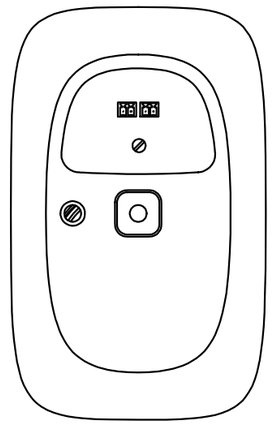
Curve	Freq.	BW	Q	DI
	441.94	360	1	0.0
	625.00	120	3.0	4.8
	883.88	150	2.4	3.8
	1.25K	120	3.0	4.8
	1.77K	90	4.0	6.0
	2.50K	60	6.0	7.8
	3.54K	60	6.0	7.8
	5.00K	90	4.0	6.0
	7.07K	90	4.0	6.0
	10.00K	60	6.0	7.8
	14.14K	60	6.0	7.8
	20.00K	60	6.0	7.8
	28.28K	60	6.0	7.8
	40.00K	60	6.0	7.8

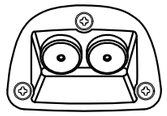
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FONESTAR	Model SONORA-4TB+SONORA-4TN	Description 100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER	Units mm	Scale 1:3