PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-4TB

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-4TB

ESPECIALLY RECOMMENDED IN:


Hospitality


Education


Hotels


All sectors

DESCRIPTION

Sound reinforcement loudspeaker with 100 V line transformer and low impedance.Based on our extensive experience in the sound sector, FONESTAR has created SONORA.SONORA is a series of speakers specially designed for PA, musical and background sound applications.Its excellent finish and elegant design allow perfect integration in any space.They are fully prepared for outdoor use as they feature aluminium grille and protection against water (IP-66) and marine environments.Besides, SONORA delivers high sound quality with clear, distortion-free sound.They include all the necessary accessories for easy and quick installation: weatherproofed adjustable fixing mount, stainless steel screws and steel safety cable.For public address and ambient sound applications in public places such as restaurants, cafés, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

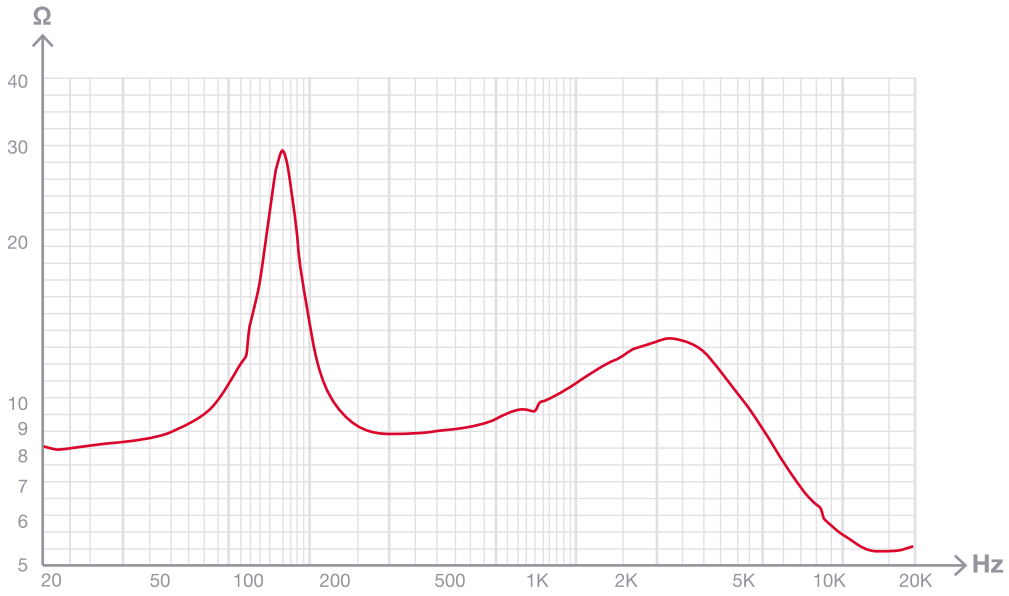
FEATURES	Low-impedance loudspeaker with 100 V line transformer. Suitable for outdoor use, waterproof and rustproof materials.
POWER	60 W max., 30 W RMS
LOUDSPEAKERS	1 x 4" polypropylene woofer 1 x 1" tweeter
RESPONSE	120-20,000 Hz
IMPEDANCE	30 W RMS@100 V (333 Ohm) 15 W RMS@100 V (667 Ohm) 7.5 W RMS@100 V (1,333 Ohm) 3.75 W RMS@100 V (2,667 Ohm) Baja Z: 8 Ohm
SENSITIVITY	84.9 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	97.6 dB @ máx. W/1 m
COVERAGE ANGLE	H/V: 215°/225° @500Hz, 145°/130°@1kHz, 115°/120°@2kHz, 80°/110°@4kHz (-6 dB)
PROTECTION	IP-66 in compliance with EN 60529 IEC 60068-2-11 Enviromental Test (Salt mist)
MATERIAL	ABS (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws
SWITCH	W selector in high Z and low Z


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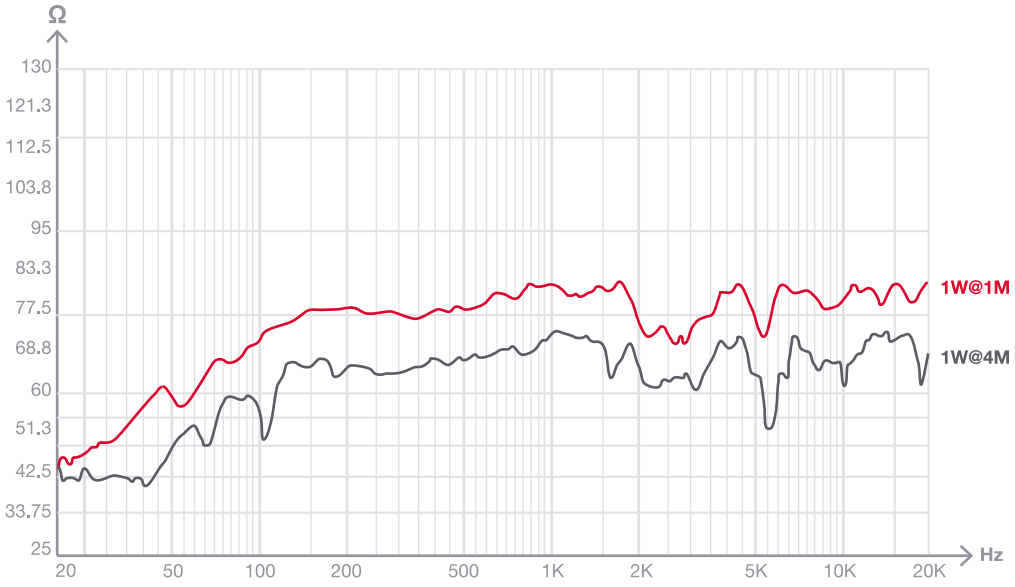
CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section
TEMPERATURE RANGE	-10ºC ~ 60ºC
COLOUR	White (RAL 9003)
DIMENSIONS	Loudspeaker: 125 x 202 x 125 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 193 mm depth
WEIGHT	1.5 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

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Impedance vs Frequency

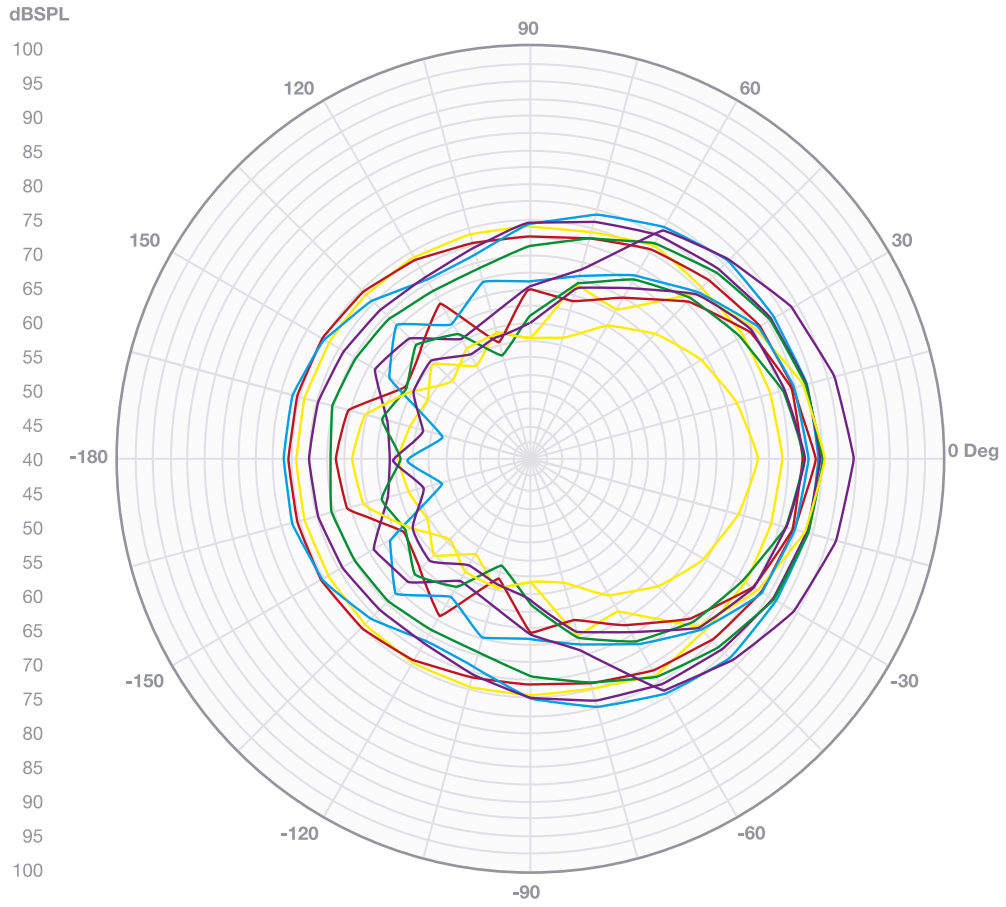


SPL vs Frequency



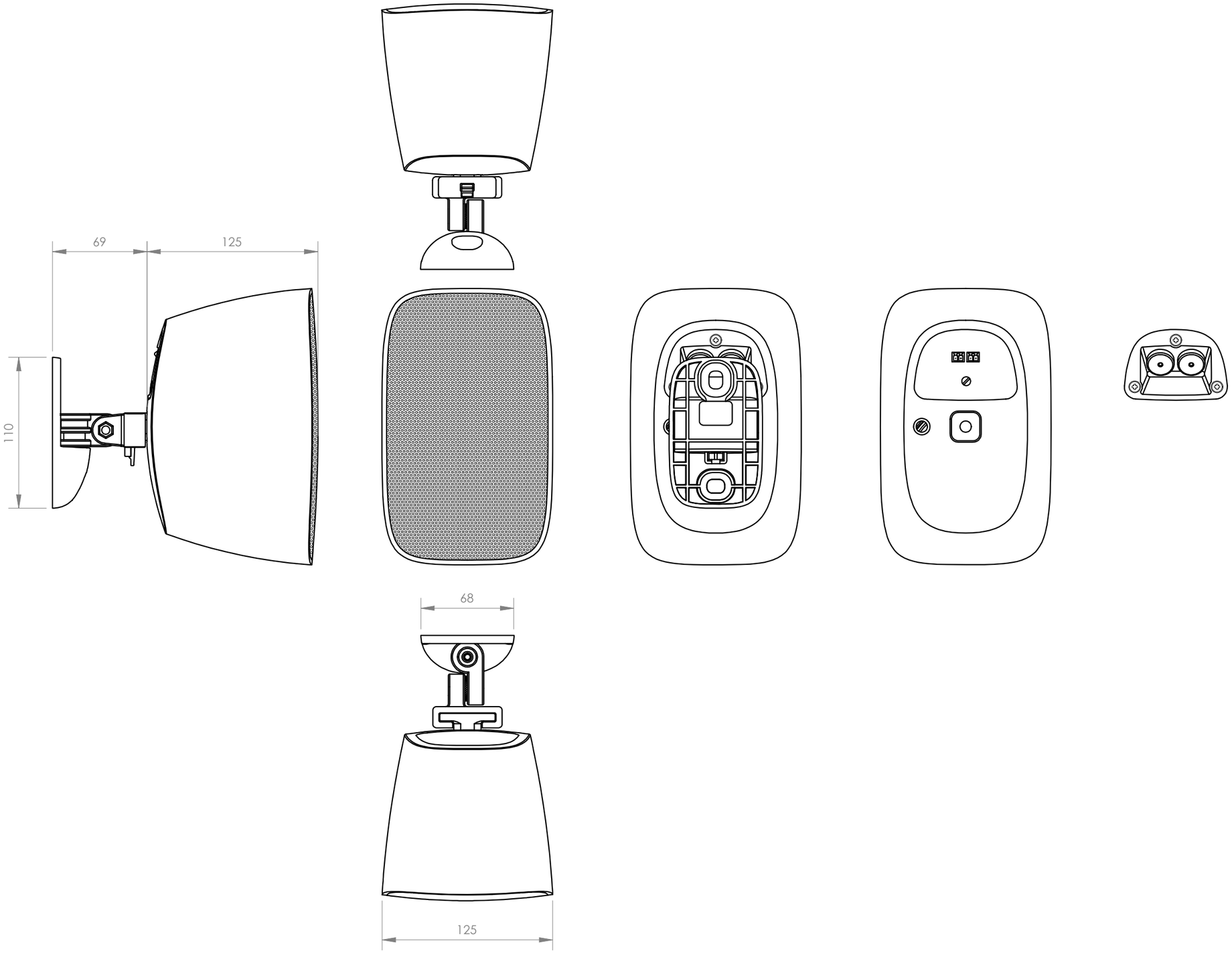
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SPL vs Angle



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