PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5TB

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-5TB

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	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 (500 Ohm) 10 W RMS@100 V (1,000 Ohm) 5 W RMS@100 V (2,000 Ohm) Low Z: 8 Ohm
SENSITIVITY	88.3 dB @ 1 W/1 m
MAXIMUN SOUND PRESSURE	102.2 dB @ máx. W/1 m
COVERAGE ANGLE	H/V: 200°/200°@500Hz, 135°/135°@1kHz, 100°/120°@2kHz, 60°/80°@4kHz (-6 dB)
PROTECTIONS	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

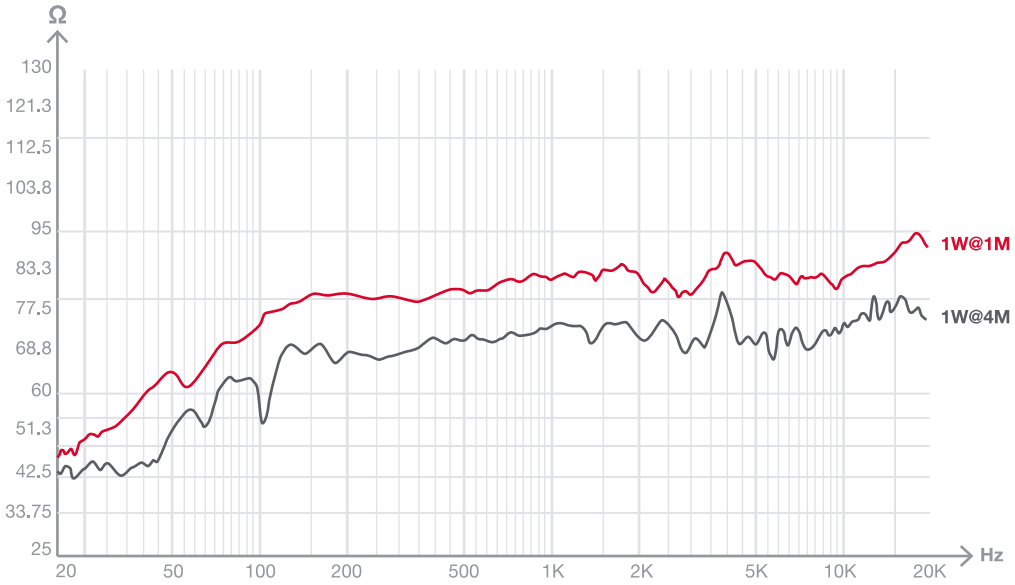

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CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section
TEMPERATURE RANGE	-10ºC ~ 60ºC
COLOUR	White (RAL 9003)
DIMENSIONS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	2.2 kg
ACCESSORIES	Adjustable mounting bracket ± 60º in all directions. Steel safety cable

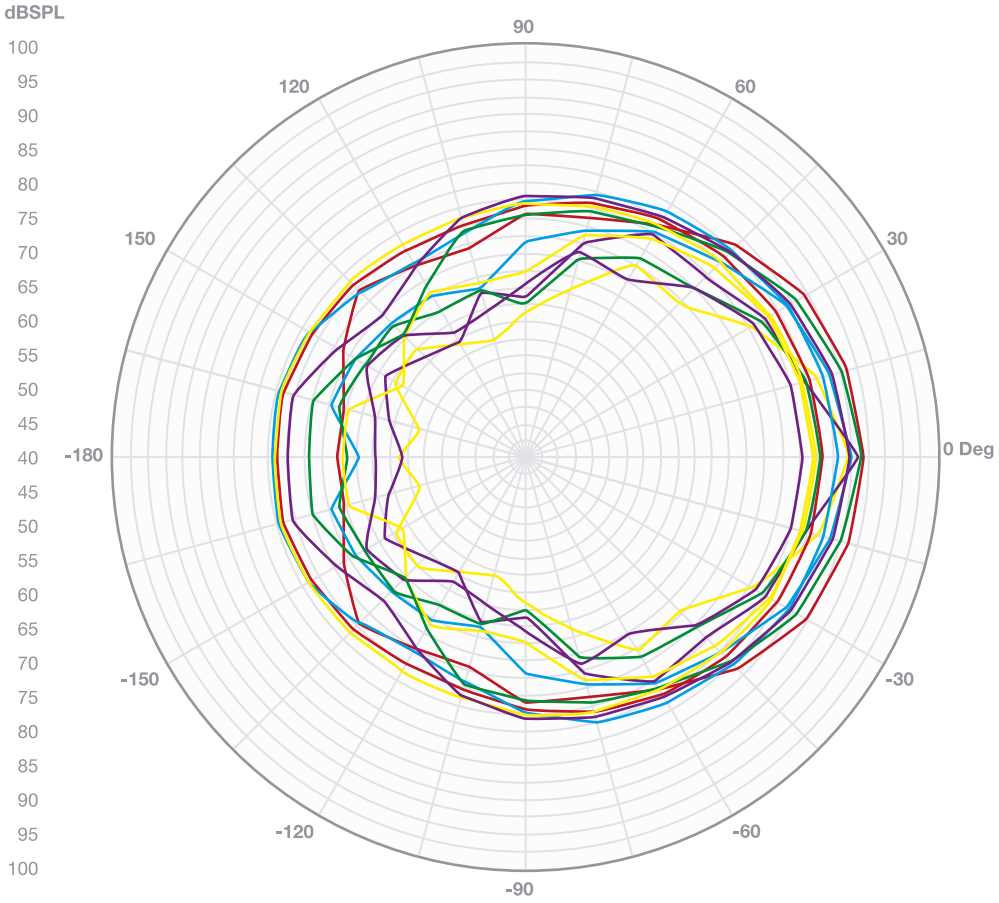


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SPL vs Frequency

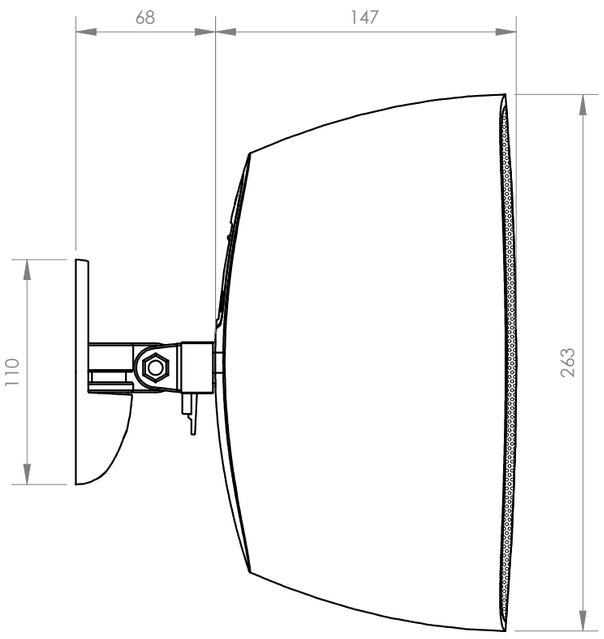


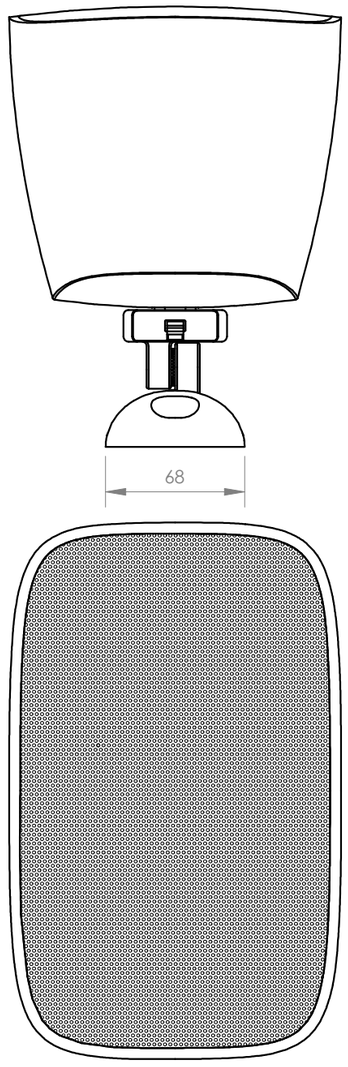
SPL vs Angle

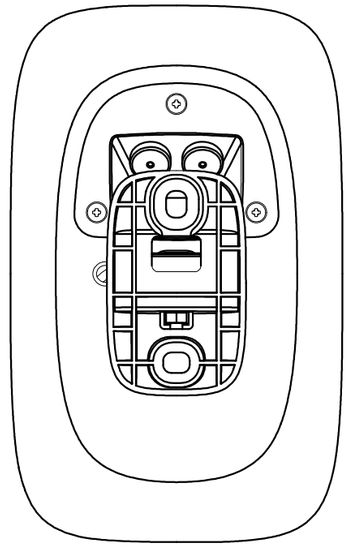


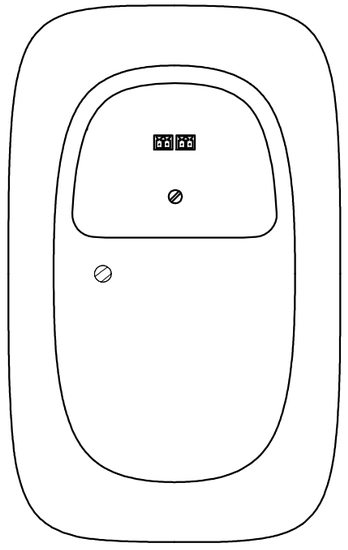
Curve	Freq.	BW	Q	DI
	441.94	360	1	0.0
	625.00	150	2.4	3.8
	883.88	150	2.4	3.8
	1.25K	90	4.0	6.0
	1.77K	60	6.0	7.8
	2.50K	120	3.0	4.8
	3.54K	90	4.0	6.0
	5.00K	60	6.0	7.8
	7.07K	90	4.0	6.0
	10.00K	60	6.0	7.8
	14.14K	30	12.0	10.8
	20.00K	1	360.0	25.6
	28.28K	1	360.0	25.6
	40.00K	1	360.0	25.6

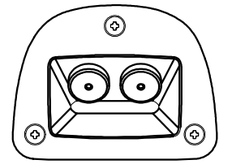
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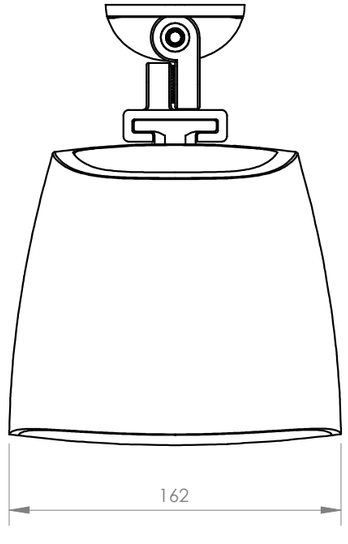












FONESTAR	Model SONORA-5TB+SONORA-5TN	Description 100 V LINE TRANSFORMER AND LOW IMPEDANCE SURFACE SPEAKER	Units mm	Scale 1:3