PUBLIC ADDRESS / LOUDSPEAKERS / SURFACE

SONORA-5B16

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-5B16

ESPECIALLY RECOMMENDED IN:


Hospitality


Education


Hotels


All sectors

DESCRIPTION

Low impedance sound system loudspeakers

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, AUDIBLE 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, music and ambient sound applications in public places such as restaurants, cafés, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

FEATURES	Low-impedance loudspeaker. Prepared for outdoor use, with IP-66 protection.
POWER	80 W max., 40 W RMS
SPEAKERS	1 x 5 ¼" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20,000 Hz
IMPEDANCE	16 Ohm
SENSITIVITY	86 dB @ 1 W/1 m
MAXIMUM ACOUSTIC PRESSURE	99 dB @ max. W/1
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 Aluminium mesh Weather-resistant mount Stainless steel screws

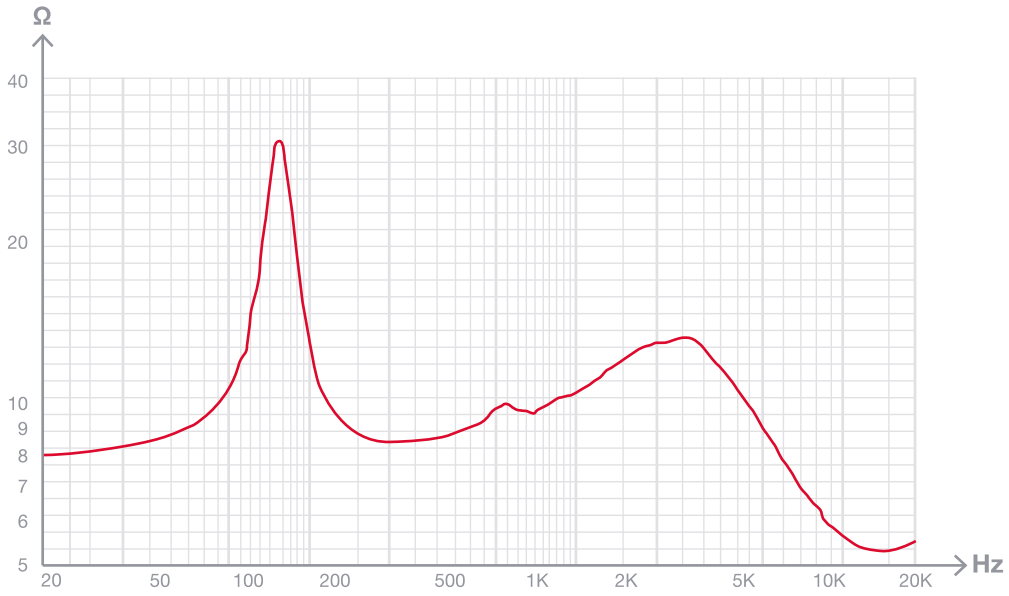

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CONNECTORS	Euroblock
TEMPERATURE RANGE	-10ºC ~ 60ºC
COLOUR	White (RAL 9003)
DIMENSIONS	162 x 262 x 147 mm depth
WEIGHT	1.65 kg
ACCESSORIES	Adjustable fixing mount ± 60º in all directions. Steel safety cable

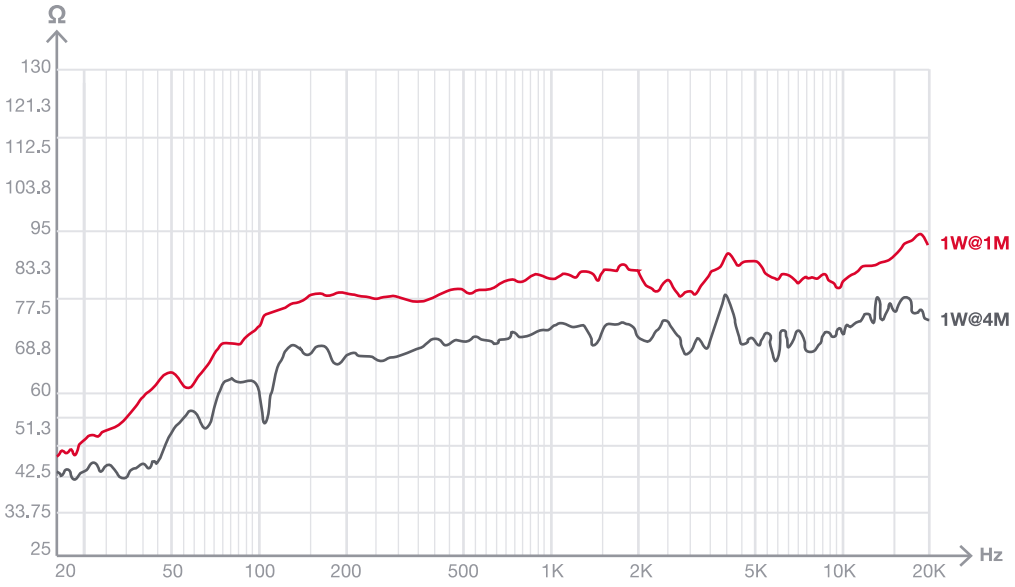


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Impedance vs Frequency

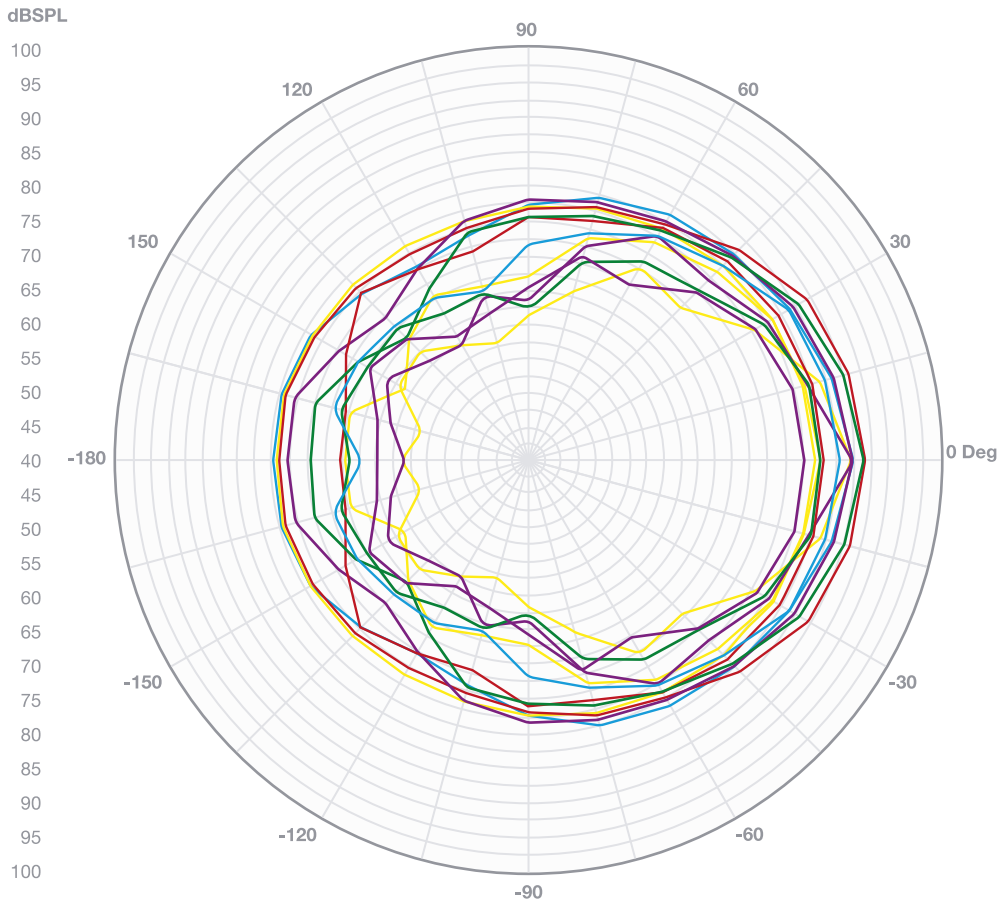


SPL vs Frequency



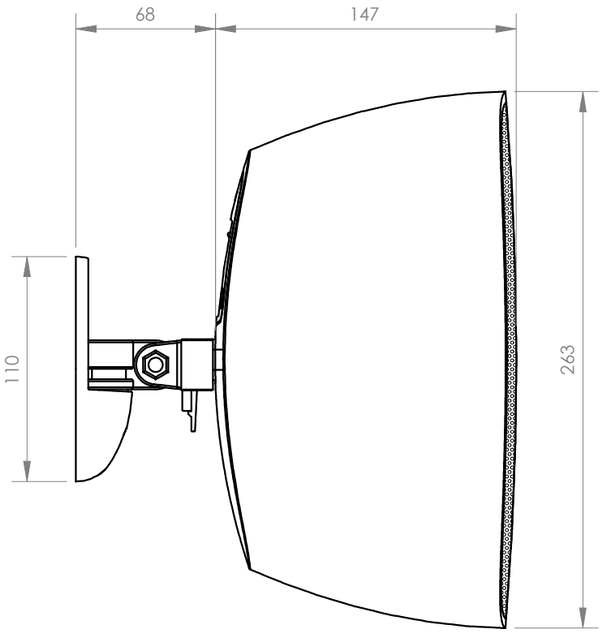
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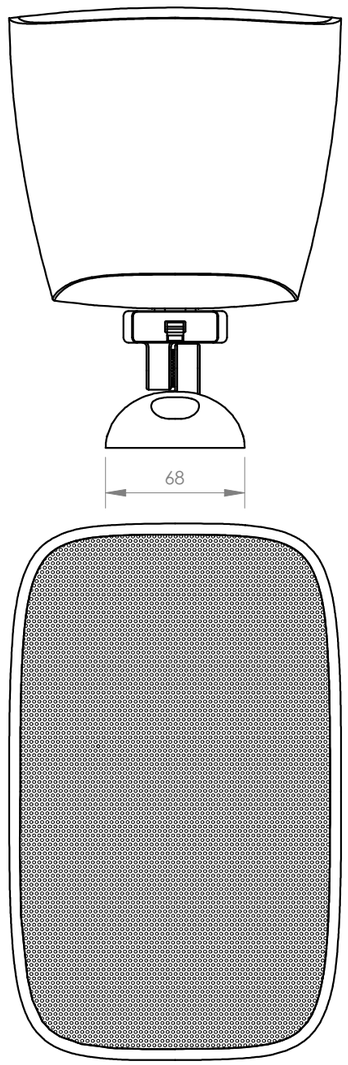
SPL vs Angle

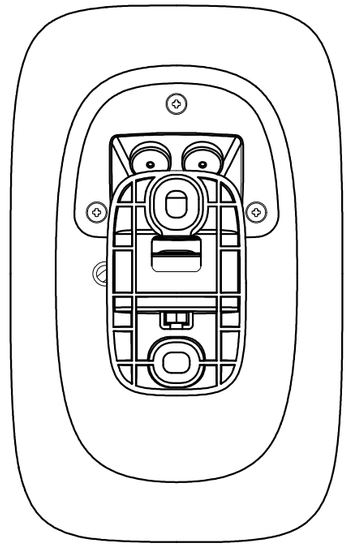


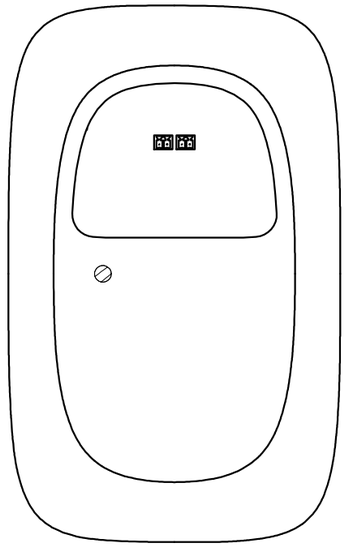
Curve	Freq.	BW	Q	DI
	441.94	360	1.0	0.0
	625.00	150	2.4	3.8
	883.88	150	2.4	3.8
	1.25K	90	4.0	6.0
	1.77K	60	6.0	7.8
	2.50K	120	3.0	4.8
	3.54K	90	4.0	6.0
	5.00K	60	6.0	7.8
	7.07K	90	4.0	6.0
	10.00K	60	6.0	7.8
	14.14K	30	12.0	10.8
	20.00K	1	360.0	25.6
	28.28K	1	360.0	25.6
	40.00K	1	360.0	25.6

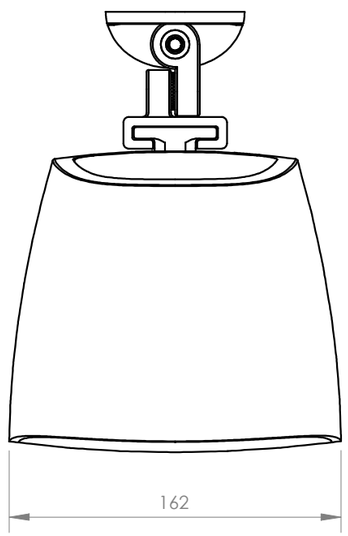
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FONESTAR	Model SONORA-5B16-SONORA-5N16	Description LOW IMPEDANCE SURFACE SPEAKER	Units mm	Scale 1:3