

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5-BK

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-5-BK>

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

5 1/4" surface speaker. 40 W RMS@8Ohm. IP-66 protection and salt fog. Adjustable fixing mount. Steel safety cable.

TECHNICAL CHARACTERISTICS

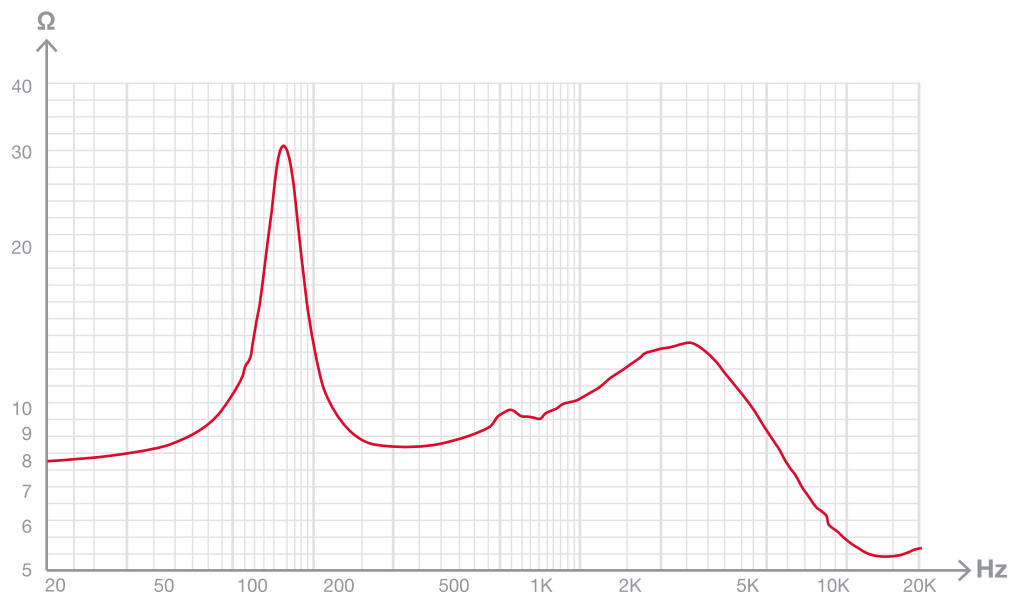
FEATURES	Low-impedance loudspeaker. Prepared for outdoor use, with IP-66 protection.
POWER	80 W max., 40 W RMS
SPEAKERS	1 x 5 1/4" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20,000 Hz
IMPEDANCE	8 Ohm
SENSITIVITY	88.3 dB @ 1 W/1 m
PRESSURE	102.2 dB @ máx. W/1 m
COVERAGE ANGLE	H/V: 200°/200°@500Hz, 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 A2 stainless steel screws
CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section Rubber cable glands for round cables with a diameter of 4-7 mm
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9005)
DIMENSIONS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	1.65 kg
ACCESSORIES	Adjustable fixing mount ± 60° in all directions. Steel safety cable



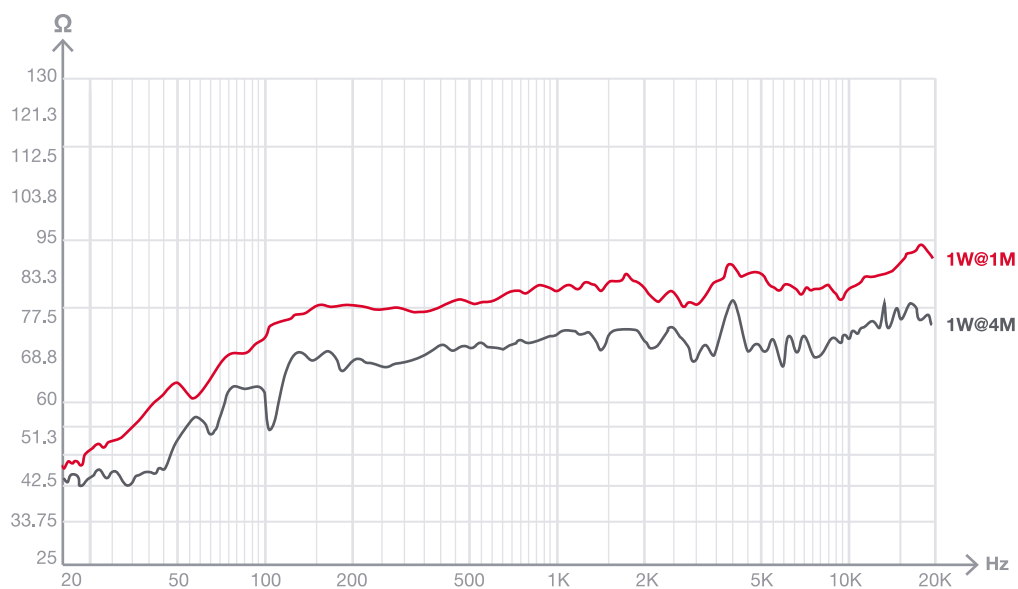
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Impedance vs Frequency



SPL vs Frequency



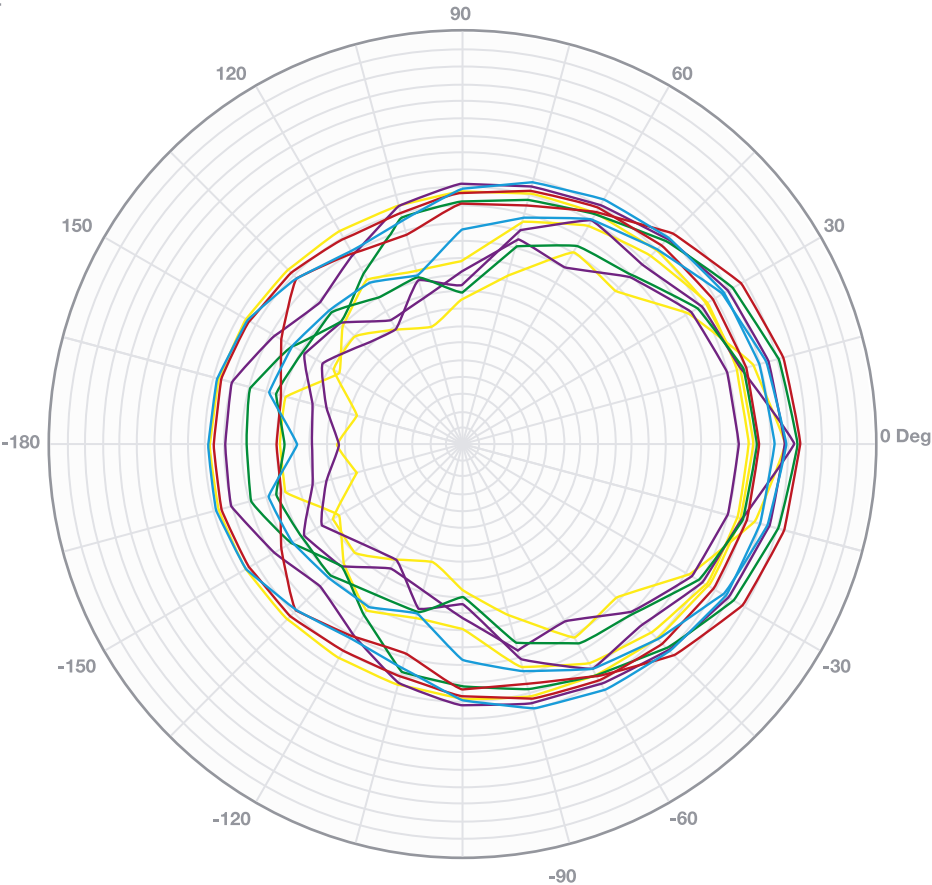
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SPL vs Angle

dB SPL

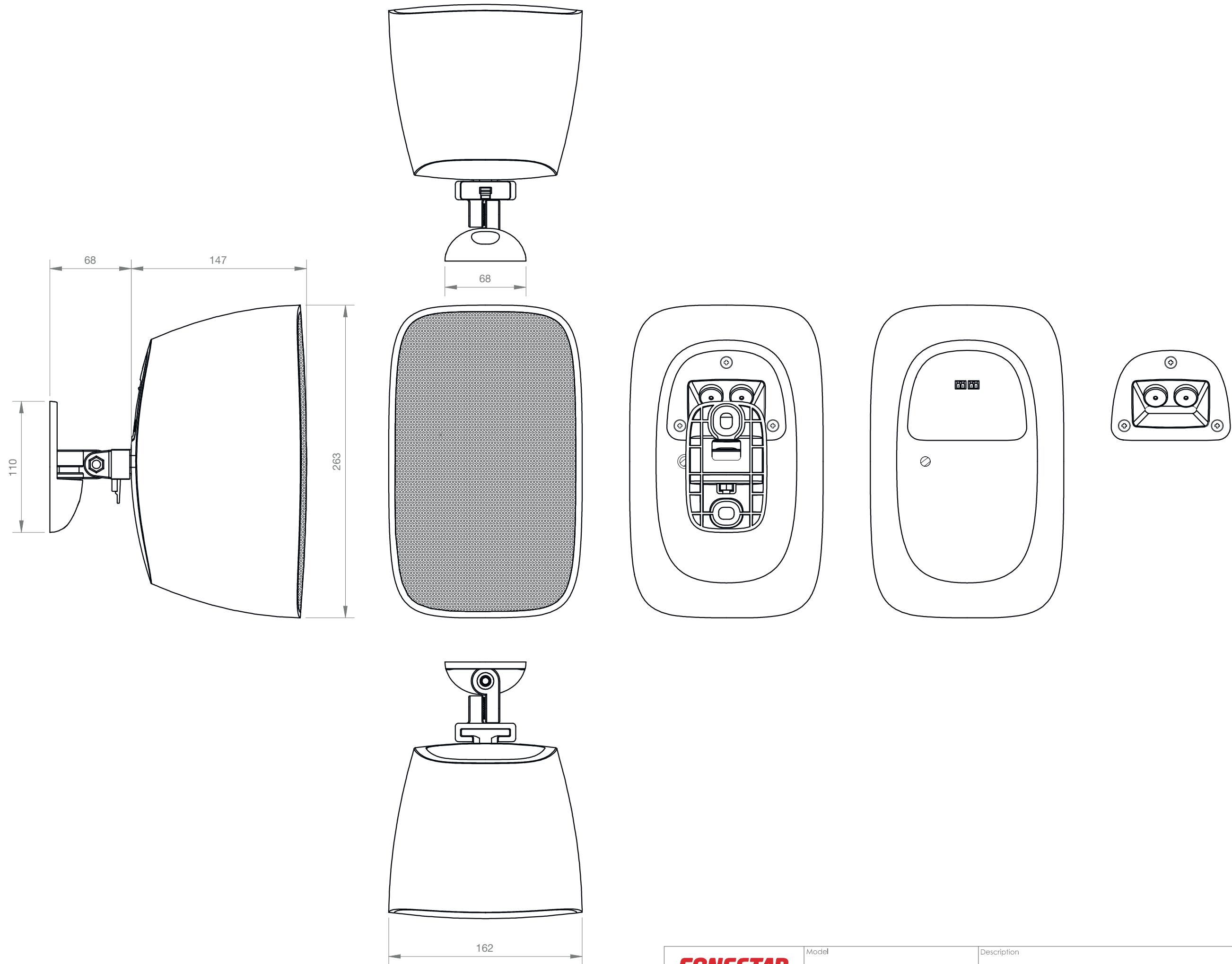
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0



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	Description	Units	Scale
	SONORA-5-BK+SONORA-5-WH	LOW IMPEDANCE SURFACE SPEAKER	mm	1:3