

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-6N

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-6N>

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors

DESCRIPTION

Low impedance loudspeaker Based on our extensive experience in the sound sector, FONESTAR has created SONORA. SONORA is a series of loudspeakers specially designed for PA and ambient sound applications. The excellent finish and elegant design allow a perfect blend into any space. They are fully prepared for outdoor use as they have aluminium mesh grilles and protection against water (IP-66) and marine environments. In addition, SONORA provides excellent sound quality with a clear, distortion-free sound. All the necessary accessories for quick and easy installation are included: adjustable mounting bracket with weather treatment, stainless steel screws and steel safety cable. For music and ambient sound applications in public places such as restaurants, cafes, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

FEATURES	Low-impedance loudspeaker. Prepared for outdoor use, with IP-66 protection.
POWER	60 W RMS
SPEAKERS	1 x 6" polypropylene woofer 1 x 1" tweeter
RESPONSE	75-20,000 Hz
IMPEDANCE	8 Ohm
SENSITIVITY	88.4 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	103.8 dB @ max. W/1 m
COVERAGE ANGLE	H/V: 150°/150° @ 500Hz, 150°/120° @ 1kHz, 100°/50° @ 2kHz, 175°/175° @ 4kHz (-6 dB)
PROTECTIONS	IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental Test (Salt mist)
MATERIAL	ABS (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws
CONNECTORS	Euroblock in and out for cable 0.25 - 2.5 mm² cross section
TEMPERATURE RANGE	-10°C to 60°C
COLOUR	Black (RAL 9004)
	Loudspeaker: 199 x 322 x 181 mm depth Mount wall plate: 102 x 165 mm



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Loudspeaker with mount: 284 mm depth

DIMENSIONS

+ Info:

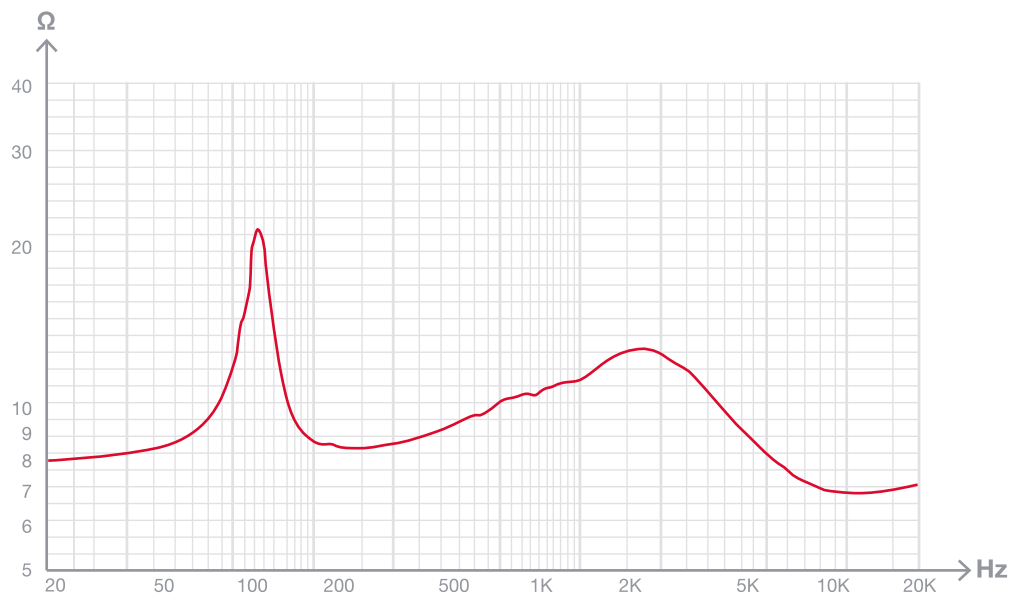
<https://fonestar.com/SONORA-6N>

WEIGHT	2.4 kg
ACCESSORIES	Adjustable mounting bracket $\pm 60^\circ$ in all directions. Steel safety cable



+ Info:
<https://fonestar.com/SONORA-6N>

Impedance vs Frequency



SPL vs Frequency



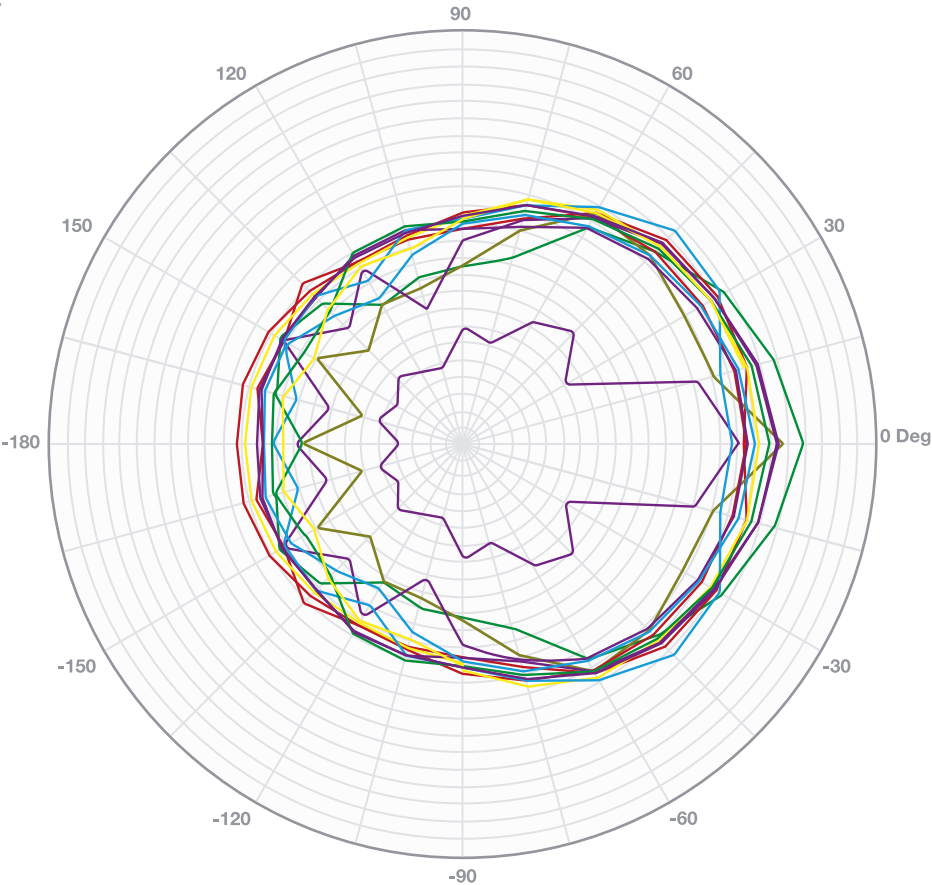
+ Info
<https://fonestar.com/SONORA-6B>



SPL vs Angle

dB SPL

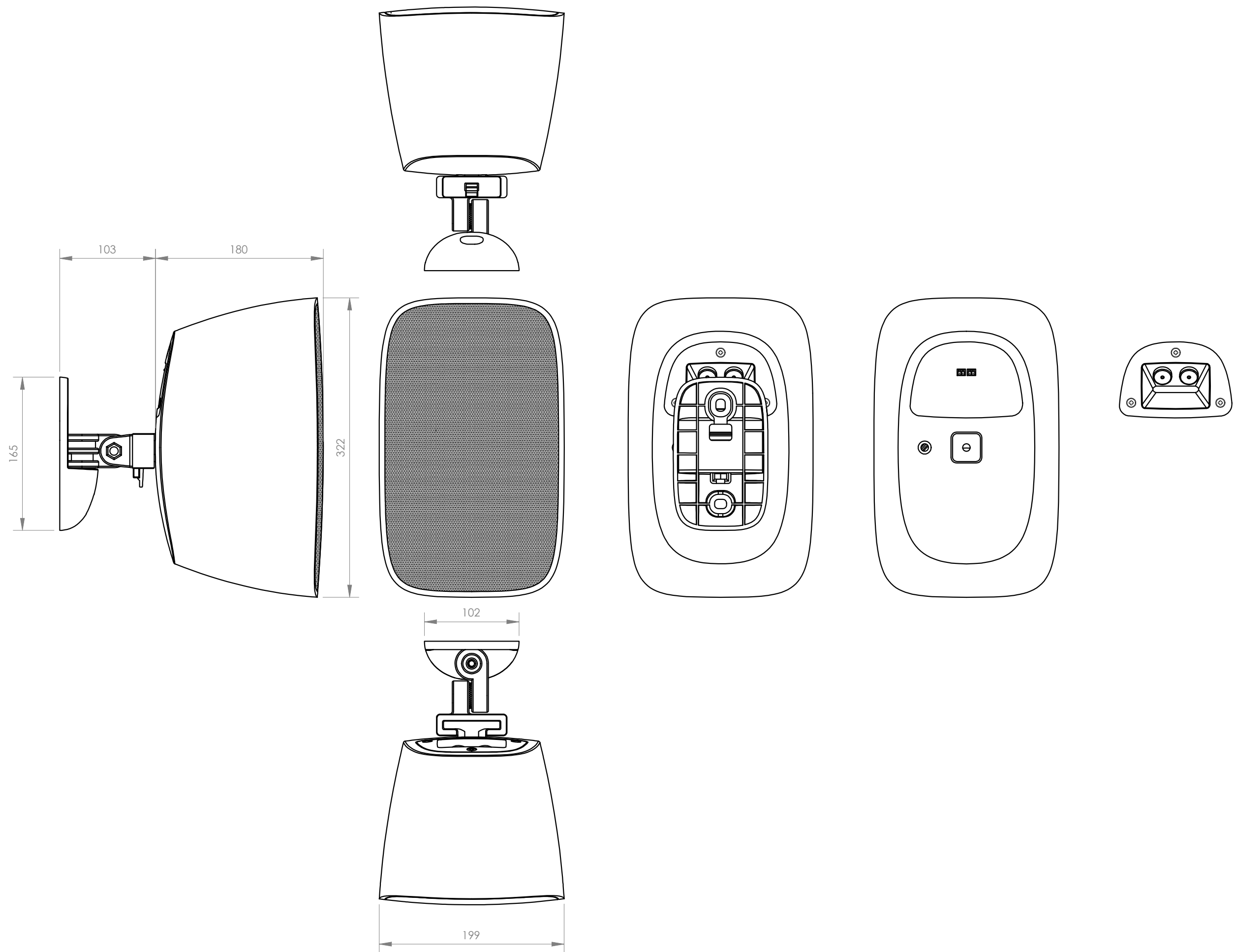
100
95
90
85
80
75
70
65
60
55
50
45
40
45
50
55
60
65
70
75
80
85
90
95
100



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



+ Info
<https://fonestar.com/SONORA-6B>



FONESTAR	Model	Description	Units	Scale
	SONORA-6B+SONORA-6N	LOW IMPEDANCE SURFACE SPEAKER	mm	1:4