

PUBLIC ADDRESS / SPEAKERS / SURFACE

# SONORA-6B

LOW IMPEDANCE SURFACE SPEAKER



IP66

- ✓ Crisp, distortion-free sound
- ✓ Excellent finish and elegant design
- ✓ IP-66 protection and salt fog
- ✓ Quick and easy installation

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

## TECHNICAL CHARACTERISTICS

FEATURES	Low-impedance PA loudspeaker. Suitable for outdoor use, with IP-66 protection.
POWER	100 W max., 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 ACOUSTIC 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 mm <sup>2</sup> cross section
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	White (RAL 9003)

Loudspeaker: 199 x 322 x 181 mm depth  
Mount wall plate: 102 x 165 mm

Loudspeaker with mount: 284 mm depth

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DIMENSIONS

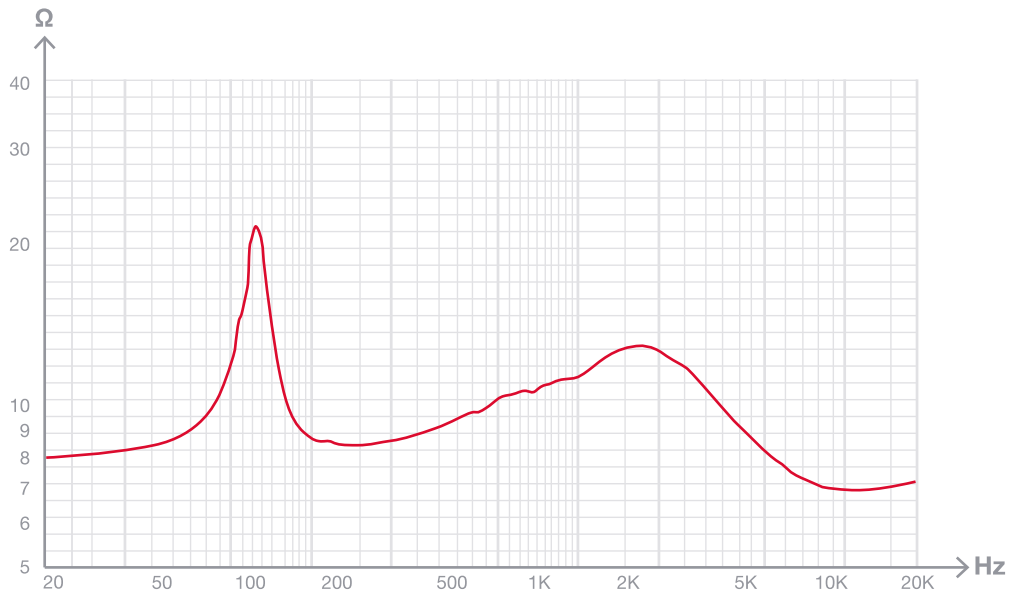
## WEIGHT

2.4 kg

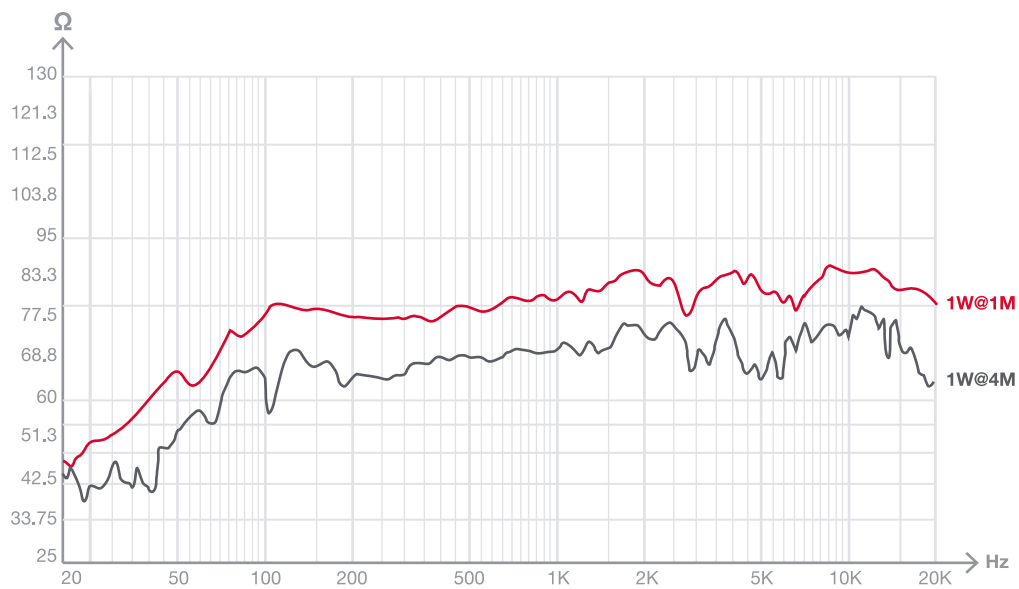
## ACCESSORIES

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

●  Impedance vs Frequency



●  SPL vs Frequency

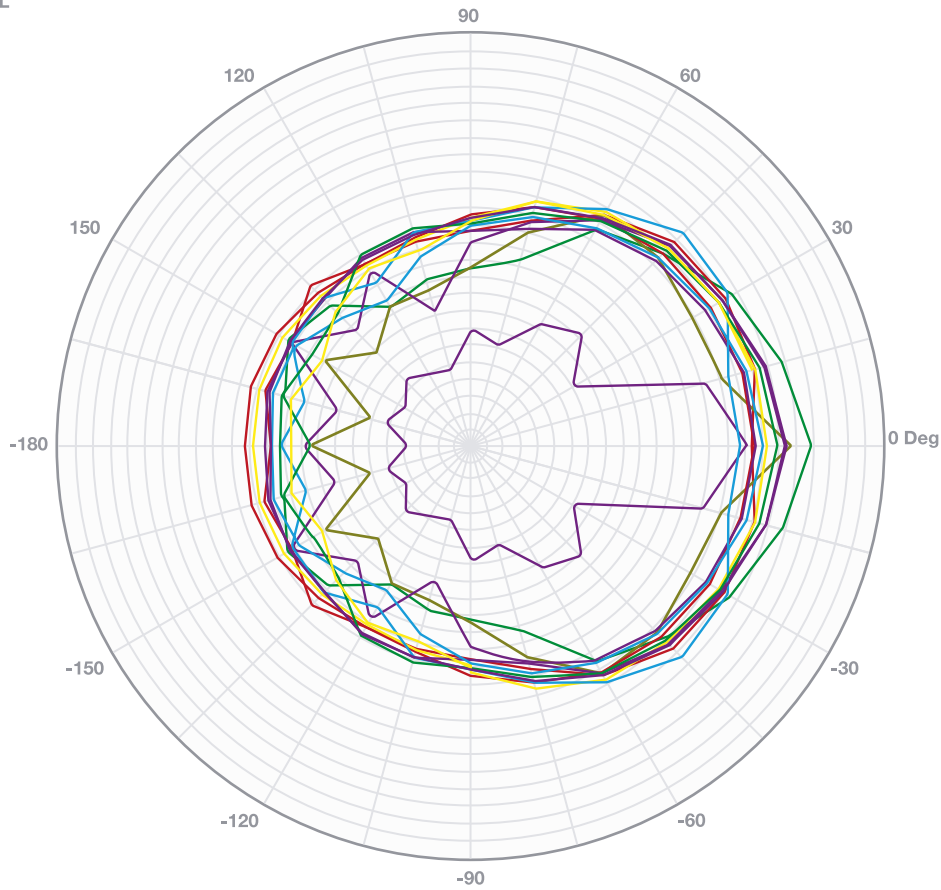




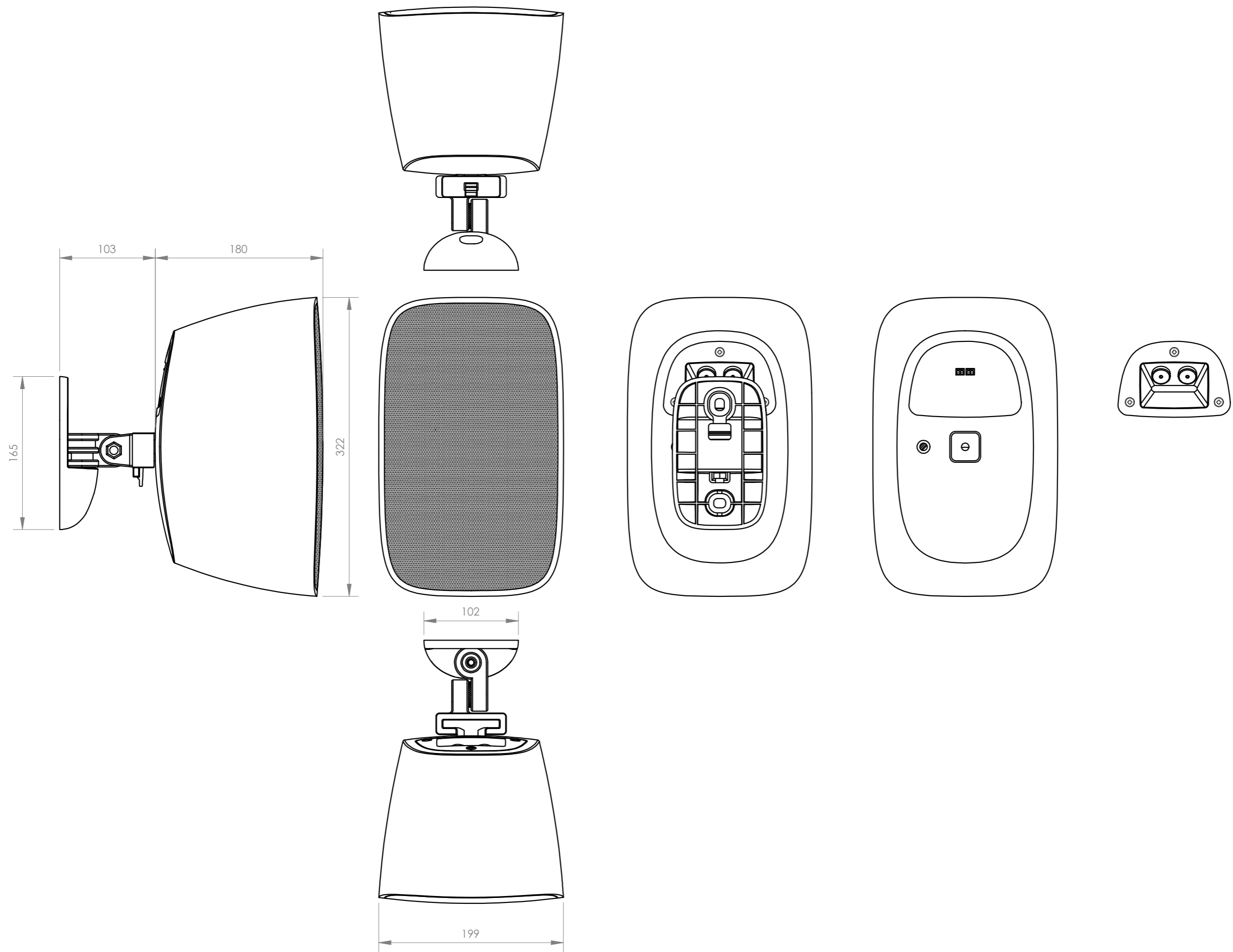
## SPL vs Angle

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



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