

PUBLIC ADDRESS / SPEAKERS / SURFACE

SONORA-5N16

LOW IMPEDANCE SURFACE SPEAKER



- ✓ 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, 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	88.3 dB @ 1 W/1 m
MAXIMUM SOUND PRESSURE	102.2 dB @ máx. W/1m
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 Environmental Test (Salt mist)
MATERIAL	ABS (UV resistance) Aluminium mesh grille, with powder-coated finish Weather-resistant mount Stainless steel screws
CONNECTORS	Euroblock
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9004)
DIMENSIONS	162 x 262 x 147 mm depth

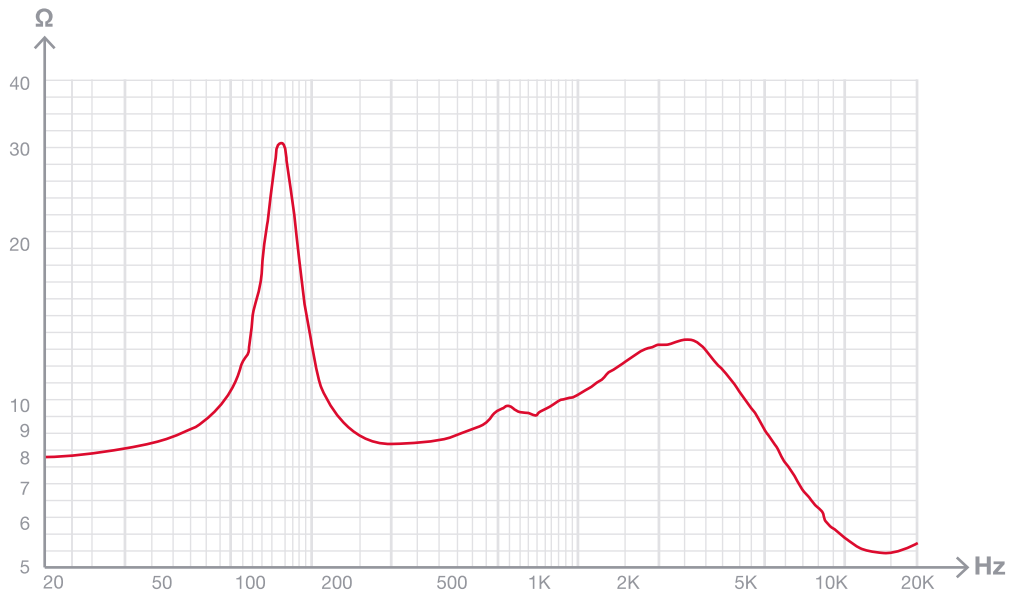
WEIGHT


1.65 kg

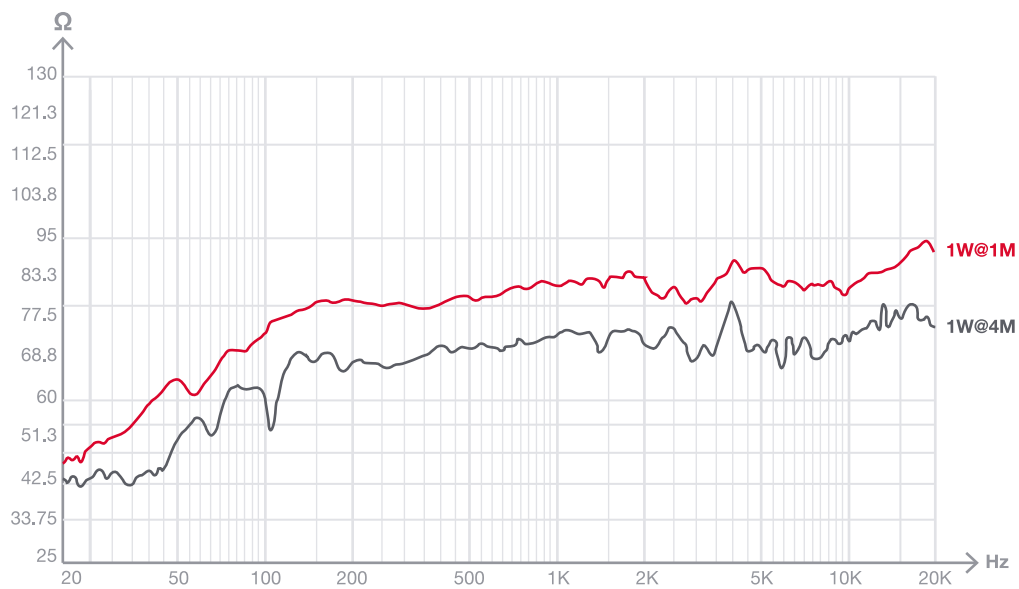
ACCESSORIES

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

●  Impedance vs Frequency



●  SPL vs Frequency

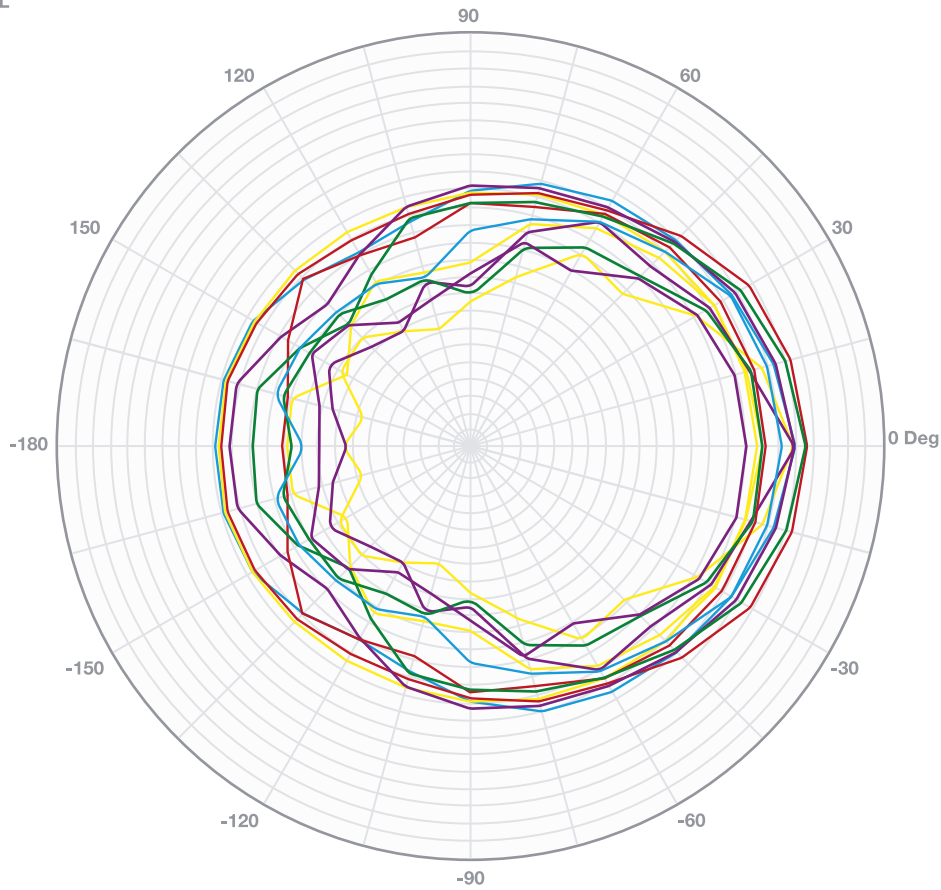




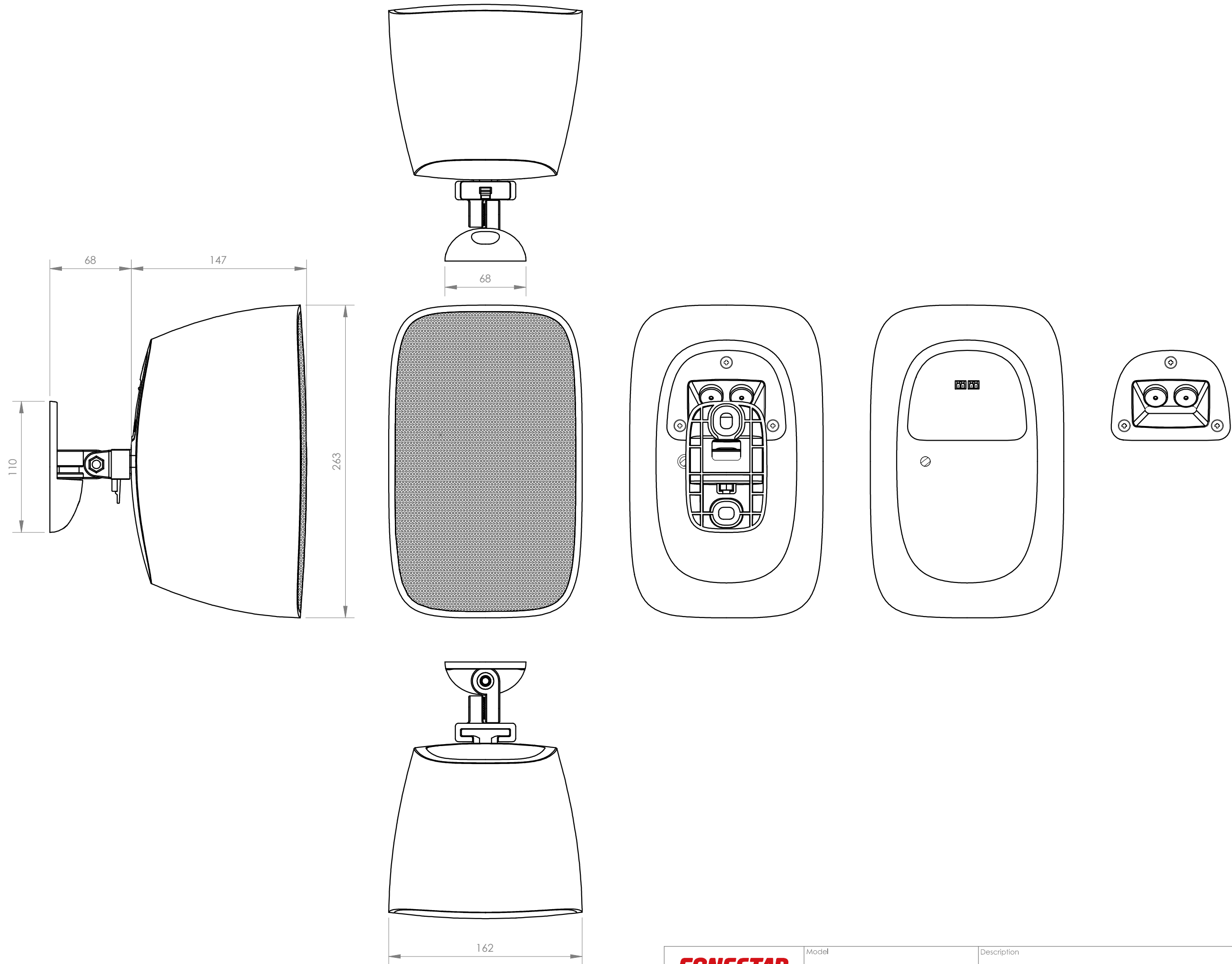
SPL vs Angle

dB SPL

100
95
90
85
80
75
70
65
60
55
50
45
40
-180
45
50
55
60
65
70
75
80
85
90
95
100



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



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