

PUBLIC ADDRESS / LOUDSPEAKERS / SURFACE

## SONORA-5TN

100 V LINE TRANSFORMER AND 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:



All sectors



+ Info:  
<https://fonestar.com/SONORA-5TN>

## DESCRIPTION

Sound reinforcement loudspeaker with 100 V line transformer and low impedance.

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

## TECHNICAL CHARACTERISTICS

FEATURES	Low impedance loudspeaker with 100 V line transformer. Prepared for outdoor use, waterproof and rustproof materials.
POWER	80 W max., 40 W RMS
SPEAKERS	1 x 5 ¼" polypropylene woofer 1 x 1" tweeter
RESPONSE	80-20,000 Hz
IMPEDANCE	40 W RMS@100 V (250 Ohm) 20 W RMS@100 V (500 Ohm) 10 W RMS@100 V (1,000 Ohm) 5 W RMS@100 V (2,000 Ohm) Low Z: 8 Ohm
SENSITIVITY	86 dB @ 1 W/1 m



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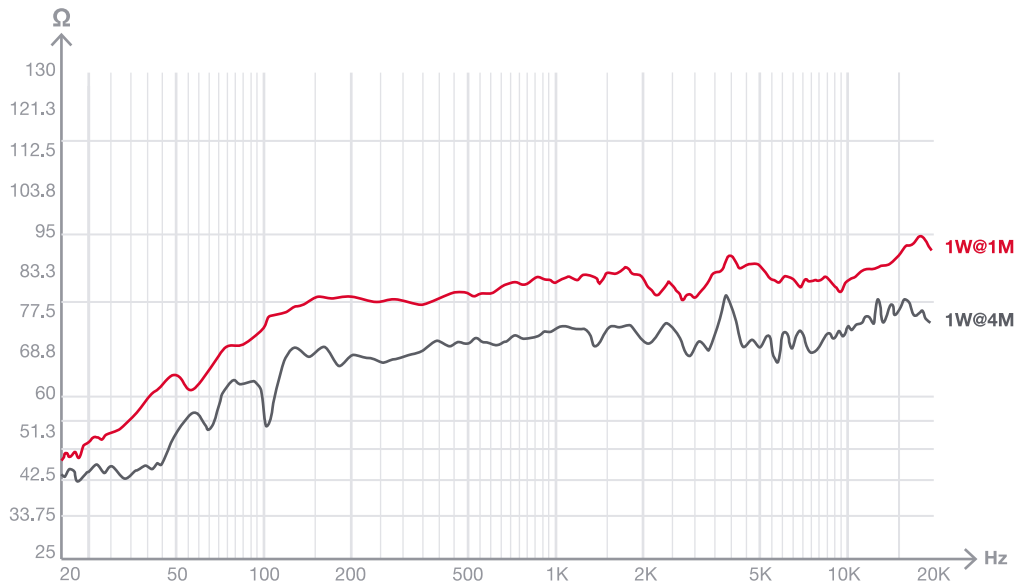
MAXIMUM SOUND PRESSURE	99 dB @ max. W/1 m
COVERAGE ANGLE	H/V: 200°/200°@500Hz, 135°/135°@1kHz, 100°/120°@2kHz, 60°/80°@4kHz (-6 dB)
PROTECTIONS	IP-66 in compliance with EN 60529 IEC 60068-2-11 Environmental Test (Salt mist)
MATERIAL	ABS Aluminium mesh grille Mount with weatherproof treatment Stainless steel screws
SWITCH	W selector in high Z and low Z
CONNECTORS	Euroblock for cable 0.25 - 2.5 mm <sup>2</sup> cross section
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9005)
DIMENSIONS	162 x 262 x 147 mm depth
WEIGHT	2.2 kg
ACCESSORIES	Adjustable mounting bracket ± 60° in all directions. Steel safety cable



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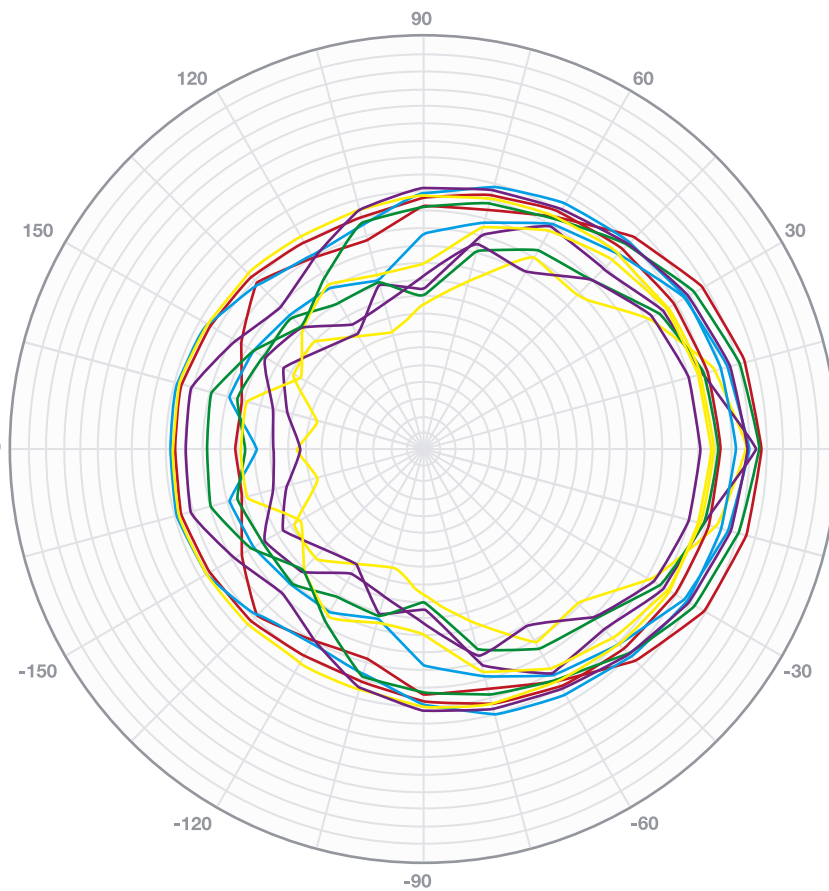
## SPL vs Frequency



## SPL vs Angle

dBSPL

100  
95  
90  
85  
80  
75  
70  
65  
60  
55  
50  
45  
40  
-180  
45  
50  
55  
60  
65  
70  
75  
-150  
80  
85  
90  
95  
100



Curve	Freq.	BW	Q	DI
—	441.94	360	1	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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