

SYSTEMS AND CONTROL / AUDIO OVER IP / SPEAKERS

SONORA-5AIPN

POE ACTIVE IP SURFACE LOUDSPEAKER



- ✓ Crisp, distortion-free sound
- ✓ Excellent finish and elegant design
- ✓ IP audio player and SIP client
- ✓ IP-66 protection and salt fog
- ✓ Microphone for SPL function and self-test

ESPECIALLY RECOMMENDED IN:



Hospitality



Education



Hotels



All sectors



+ Info:

<https://fonestar.com/SONORA-5AIPN>

DESCRIPTION

PoE active loudspeaker for AIP systems Based on our extensive experience in the sound and PA sector, FONESTAR has created SONORA-AIP. SONORA-AIP is a series of active PoE loudspeakers with IP audio player and SIP client, specially designed for PA and background sound applications. Enables playback of background music, scheduled and instant messages, alarms and voice announcements via the local area network (LAN). The excellent finish and elegant design allow for perfect integration in any space. In addition, SONORA-AIP provides high sound quality, with a clear and distortion-free sound. They integrate microphone for SPL function and auto-check, with which ambient sound pressure values are captured for automatic zone volume configuration. They have a passive speaker output with euroblock connectors, an auxiliary audio input with jack plug and a programmable isolated input with secure, easy-to-connect euroblock connectors. All necessary accessories for a simple and quick installation are included: adjustable fixing mount, stainless steel screws and steel safety cable. AIP is a 100% scalable solution, with unlimited devices and AIP channels, with auto-discovery service when connected to the network and an intuitive configuration and control software (AIP-Go). PA and background sound installations for restaurants, schools, cafeterias, supermarkets, shopping centres, etc.

TECHNICAL CHARACTERISTICS

FEATURES	<p>PoE active loudspeaker for AIP systems with IP audio player and SIP client.</p> <p>Class D amplifier with passive speaker output.</p> <p>High sound quality, clear and distortion-free sound.</p> <p>Built-in microphone for SPL function and auto-check, captures ambient sound pressure values for automatic volume setting of the zones.</p> <p>Allows streaming audio reception via multicast via local area network (LAN).</p> <p>General purpose input.</p> <p>Operating status indicator.</p> <p>Remote update via PC software or locally via USB.</p>
POWER	<p>25 + 25 W RMS (24V DC, 3.125 A, 75W)</p> <p>20 + 20 W RMS (POE, 60W)</p>
SPEAKERS	<p>1 x 5 ¼" polypropylene woofer</p> <p>1 x 1" tweeter</p>
RESPONSE	80-20,000 Hz
INPUTS	<p>1 stereo aux, 3.5 mm jack</p> <p>1 programmable isolated input for event triggering by contact closure, euroblock</p> <p>1 x 10/100 Base T ethernet, RJ-45</p> <p>USB port for software update</p>
OUTPUTS	1 passive loudspeaker, 8 Ohm, euroblock
INDICATOR	Operational status
MATERIAL	<p>ABS</p> <p>Aluminium grille</p> <p>Stainless steel screws</p>
TEMPERATURE RANGE	-10°C ~ 60°C
COLOUR	Black (RAL 9004)



+ Info:

<https://fonestar.com/SONORA-5AIPN>

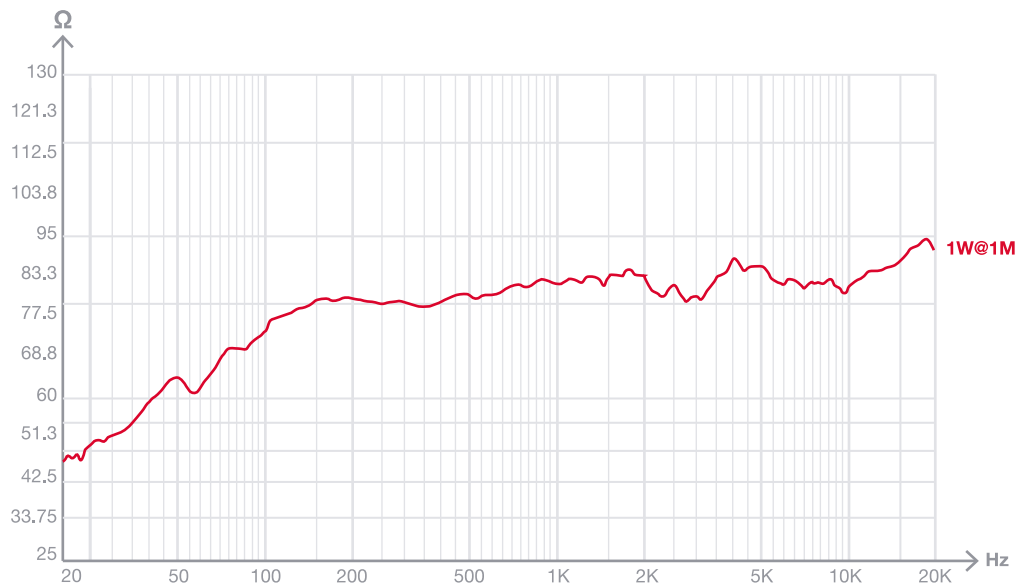
POWER SUPPLY	1 x 60 W POE ethernet ,RJ-45 or 24 V DC, 75 W, euroblock
DIMENSIONS	Loudspeaker: 162 x 263 x 147 mm depth Mount wall plate: 68 x 110 mm Loudspeaker with mount: 216 mm depth
WEIGHT	1.9 kg
ACCESSORIES	Fixing mount \pm 60° adjustable in all directions Steel safety cable



+ Info:

<https://fonestar.com/SONORA-5AIPN>

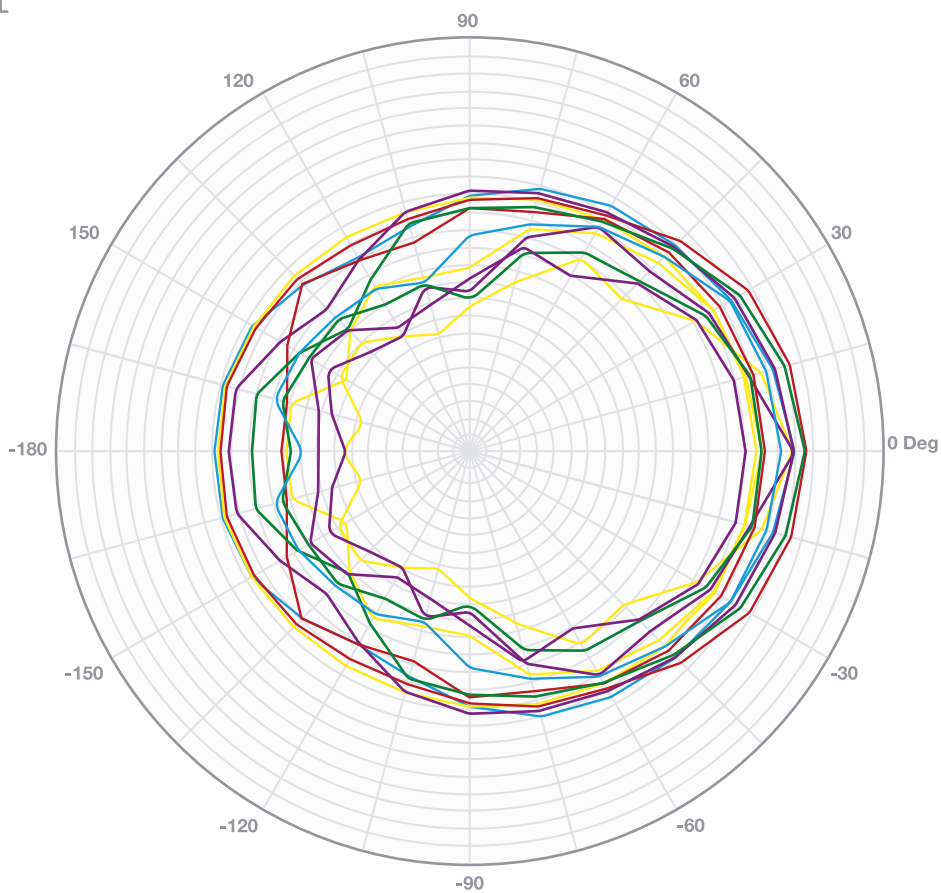
SPL vs Frequency



SPL vs Angle

dB SPL

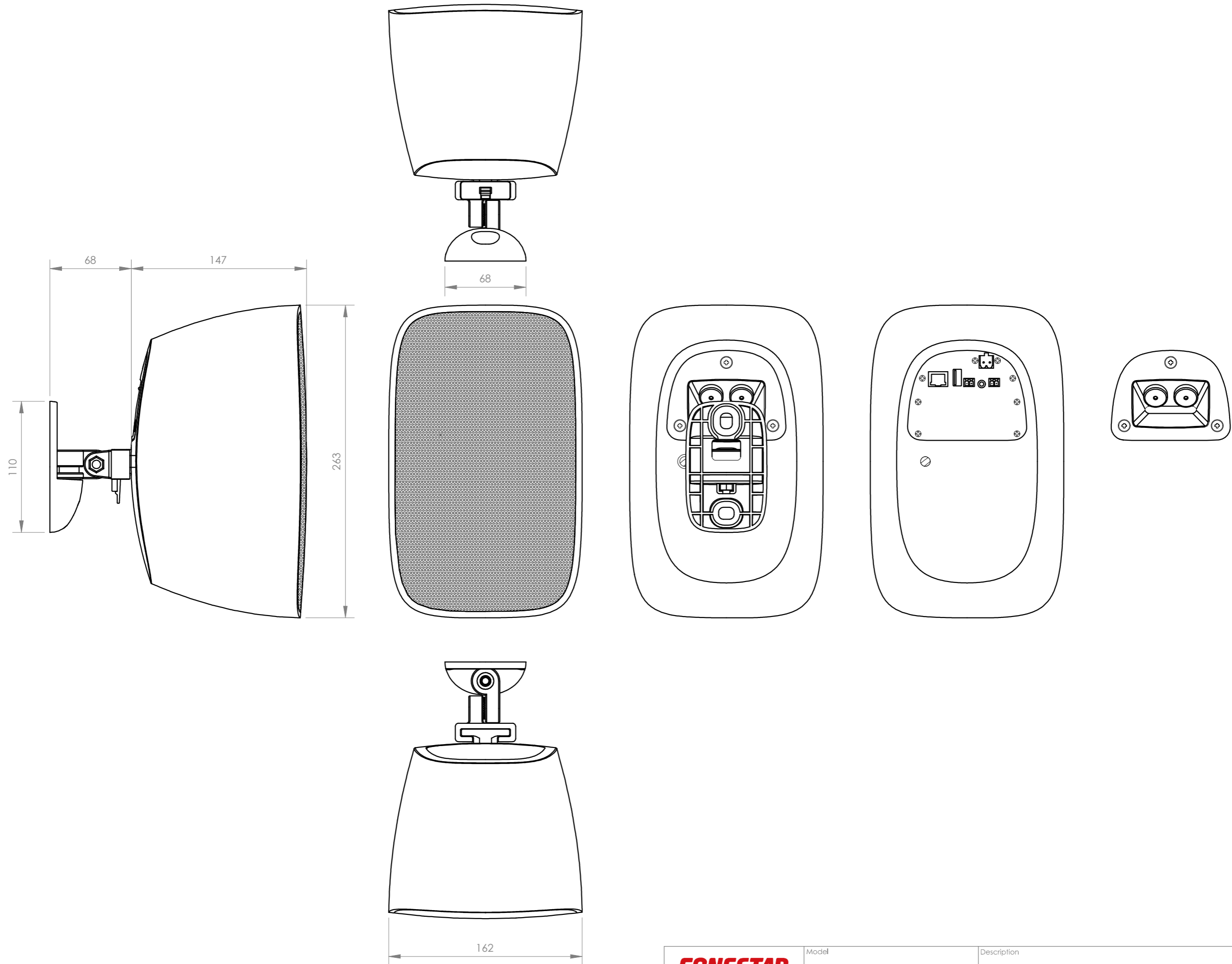
100
95
90
85
80
75
70
65
60
55
50
45
40
45
50
55
60
65
70
75
80
85
90
95
100



Curve	Freq.	BW	Q	DI
—	441.94	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



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



FONESTAR	Model	Description	Units	Scale
	SONORA-5AIPB+SONORA-5AIPN	POE ACTIVE IP SURFACE LOUDSPEAKER	mm	1:3