

# **BOGEN** SIGNATURE



**HIGH-PERFORMANCE LOUDSPEAKERS**

**BOGEN®**





# BOGEN®

## SIGNATURE

**Bogen Signature S4 & S5 Loudspeakers** are compact, versatile, and feature unique driver technologies which produce impeccable sound quality. With their compact form factor, these speakers are an excellent fit for most indoor environments or protected outdoor locations. By using the latest Ferrofluid formulations and robust, oversized, voice coils, the Bogen Signature speakers provide exceptionally high thermal endurance for unmatched long-term power handling and durability. The proprietary MDT metal-alloy cone structure and spiderless MLS driver technology combine to create not only a sonically exceptional loudspeaker, but one which is highly resistant to moisture, humidity, heat, cold, salt, chlorine, and many other common environmental assaults.

Designed to both sound and look great, these speakers employ unique MDT and MLS technologies; thick-walled, low-resonance ABS enclosures; scratch-resistant, powder-coated aluminum grilles; and compact, powder-coated cast aluminum swivel mounts.

**S4/S4T**



**S5/S5T**



### Unique MDT (Metal Diaphragm Technology):

- Metal-alloy cones provide superior musical detail
- High rigidity and low mass of metal versus traditional papers and plastics (extremely stable cone structure)
- Fast transmission of sound through the diaphragm means lower energy storage, and a special anodizing process creates a ceramic coating for increased stiffness
- Efficient heat-sinking of voice coils for long-term, high-power situations

### MLS (Magnetic Liquid Suspension):

- Eliminates distortion caused by traditional fabric centering “spiders”
- Voice coil is more efficiently heat-sunked by fluid instead of air and constantly centered for low distortion
- Greater linearity is accomplished because the mechanical spider is eliminated
- Constant lubrication of gap prevents oxidation from humid environs

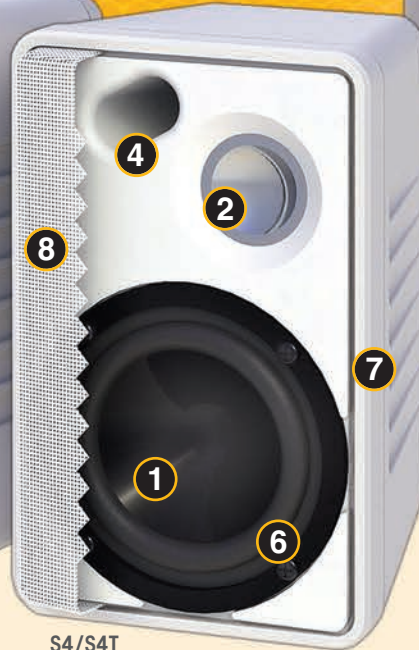
*Bogen Signature Speakers provide exceptional musicality in a surprisingly compact enclosure.*



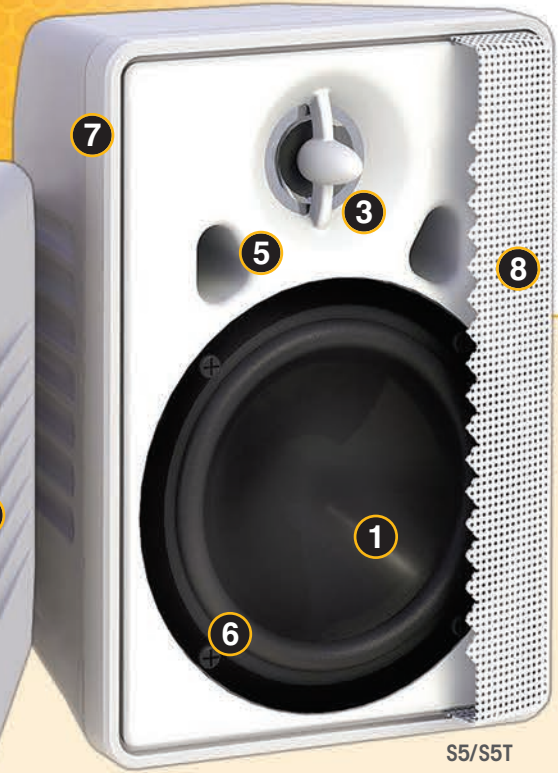
# SIGNATURE



Rear View (S4TW shown)

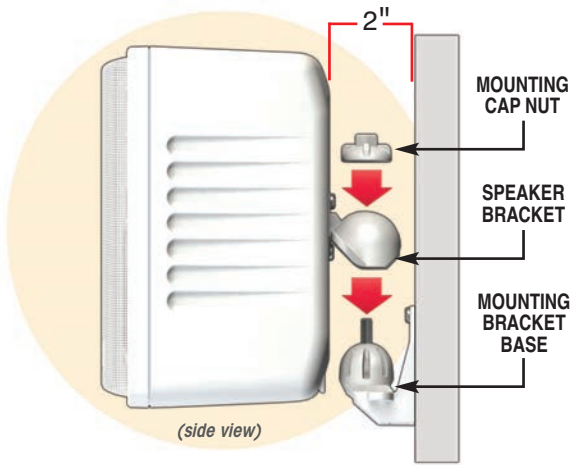


S4/S4T



S5/S5T

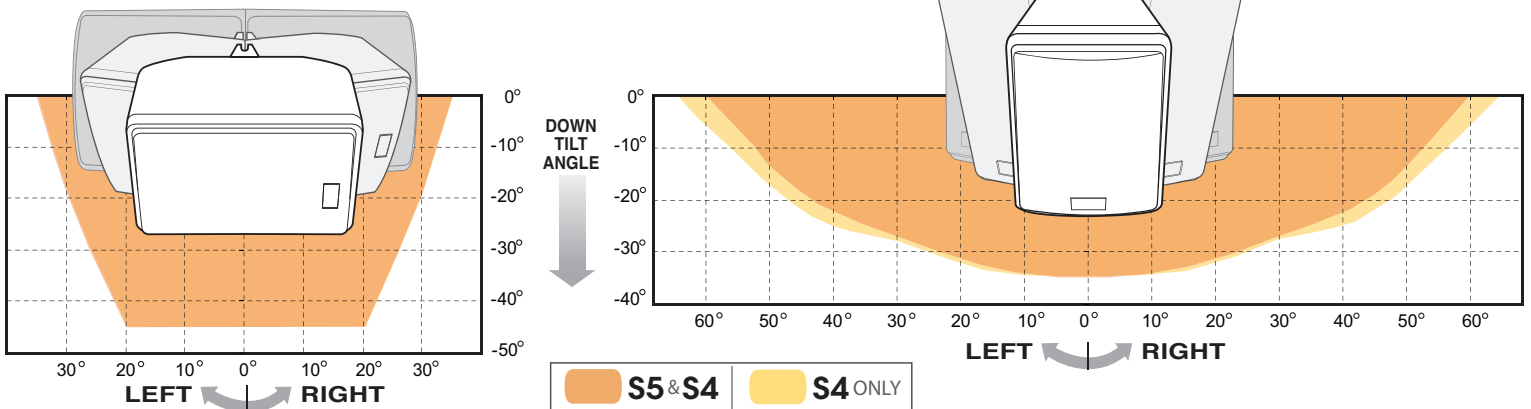
- |                                 |                                  |                                        |
|---------------------------------|----------------------------------|----------------------------------------|
| 1. Anodized Metal-Alloy Cone    | 5. Dual Arrayed Tuned Vents      | 9. Compact Swivel Mount Assembly       |
| 2. Titanium Tweeter             | 6. Compound Rubber Cone Surround | 10. Power Level Selector ("T" version) |
| 3. Horn-Loaded Titanium Tweeter | 7. Low-Resonance ABS Enclosure   | 11. Terminal Input Connection          |
| 4. Tuned Vent                   | 8. Powder-Coated Aluminum Grille | 12. Safety Cable Attachment Point      |



## Distinctive, Compact Swivel Mount Bracket Assembly

The Bogen Signature hemispherical swivel mount provides close-to-the-wall mounting, in both a vertical and horizontal orientation, while at the same time offering a wide range of movement for accurate aiming of the speaker. Once positioned, the precise angle is locked into place with a simple capnut that can be tightened by hand or with a nut driver. Made of cast aluminum for strength and powder-coated for durability, the simplicity of this 3-piece mount allows for a quick, straightforward installation. Simply secure the mounting bracket base to the mounting surface, attach speaker bracket to the speaker, drop the speaker over the mounting bracket base's stud, aim the speaker, and then tighten down the cap nut.

## Mounting Range of Movement for S5 and S4 Models



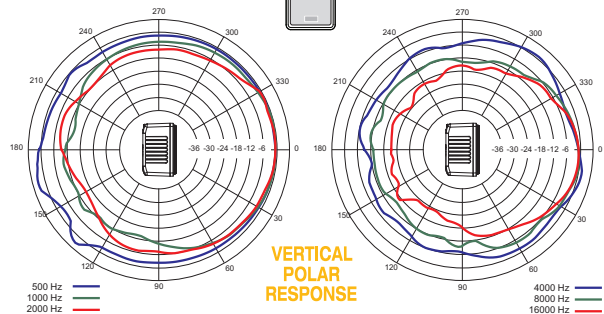
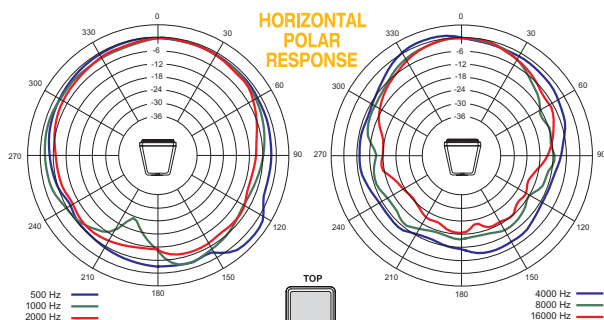
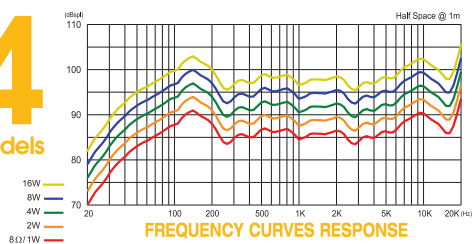
## BOGEN Signature Technical Specifications and Responses

	S4/S4T	S5/S5T	S4/S4T	S5/S5T
Frequency Response (-10 dB)*:	58 Hz to 18 kHz	48 Hz to 17 kHz	<b>Power Input (max.)</b>	75W @ 8 ohms / 150W @ 8 ohms
Low Frequency Design – Metal-Composite Cone Utilizing MLS Voice Coil Guidance System:	4-1/2" Nominal Dia.	5-1/4" Nominal Dia.	<b>Power Taps 70V:</b>	16, 8, 4, 2, 1 watts / 32, 16, 8, 4, 2, 1 watts
High Frequency Driver – Titanium Cone:	1" Nominal Dia.	1" Horn-Loaded	<b>Product Weight:</b>	S4: 5 lbs./S4T: 6 lbs. / S5: 8 lbs./S5T: 9 lbs.
Sensitivity (1W/1m, Avg. 100 Hz to 15 kHz):	86 dB SPL	89 dB SPL	<b>Speaker Dimensions (WxHxD)</b>	
Dispersion			<i>Without Bracket:</i>	5-1/4" x 8-1/4" x 5-3/8" / 6-7/8" x 9-3/4" x 6-1/8"
	<i>Horizontal:</i>	150 Degrees	<i>With Bracket:</i>	5-1/4" x 8-1/4" x 7-3/8" / 6-7/8" x 9-3/4" x 8-1/8"
<i>Vertical:</i>	120 Degrees	130 Degrees	<b>Enclosure Material:</b>	Thick walled, low-resonance, molded ABS
Impedance Ratings			<b>Product Color:</b>	White ("W" suffix) and Black ("B" suffix)
	<i>Low:</i>	8Ω Only (S4 version)	<b>Mounting Bracket Material:</b>	Aluminum Alloy, Powder-Coated Finish
<i>High:</i>	70V and 8Ω (S4T version)	70V and 8Ω (S5T version)	<b>Grille Material:</b>	Perforated Aluminum, Powder-Coated Finish
			<b>Terminations:</b>	Pressure Clamp
			<b>Included Accessories:</b>	Color-Matched Mounting Bracket

\* Half-Space Response

# S4

S4/S4T Models



# S5

S5/S5T Models

