

sb65 3-Channel Passive Soundbar



KEY FEATURES:

- Fits Seamlessly Wall Mounted Under 65" TVs (or Surface Mounted with Optional sb Table Top Stands)
- Extruded and Machined Aluminum Construction
- 6 x 5" Theory Carbon Fiber Low Frequency Drivers
- 3 x 1.4" Theory AdvancedPoly™ High Frequency Compression Driver on 125° Axisymmetric Waveguide
- Over 124dB/1m from Enclosure Only 3.8" Deep
- Ultra-Wide 125° Conical Coverage (160°@10kHz, -12dB)
- Theory Soundbars are the Highest Performance Available

OVERVIEW:

Theory soundbars are unlike any others and are capable of surprising output, clarity and dynamics. Unlike most so-called "soundbars" available today, the sound emanating from a Theory soundbar is big and open, and detached from the soundbar itself. You simply experience big theatrical sound that envelopes you with astonishingly clarity and dynamics.

Since their introduction in late 2019, reviewer opinions around the world are unanimous: the Theory soundbars are the very best money can buy.

The sb65 is designed to match the width of 65" TVs for an integrated look and offers the widest bandwidth and highest output available in its class. No other soundbar can come close to Theory's soundbar performance.

The extruded aluminum construction allows the sb65 to achieve true full-range performance and high-output in a package that is only 3.8" deep (3.93" wall mounted including brackets).

With its Z-clips (included) and optional sb Table Top Stands, the sb65 can mount on the wall or sit on a piece of furniture. Its slender enclosure, clean fabric grille, premium finish and gentle sculpted curves allow it to "disappear" into the architectural background, but look surprisingly handsome in environments where it's easily seen.

The performance of the sb65 must be experienced to be believed. Book a visit to the Theory Southern California Experience Center today to learn just how valuable this little loudspeaker will be in your system design toolbox.

APPLICATIONS:

Background and Foreground Commercial Audio Systems

Bars and sports bars, restaurants, retail stores, hotels, houses of worship, screening rooms, lobbies, banks, museums and art exhibits, financial institutions, etc.

High Output Surround Sound Systems

Residential and commercial media rooms, gaming systems, home offices, and bedrooms.

Corporate Conferencing and Education

Executive offices, boardrooms, high-end conference and huddle rooms, lecture halls, classrooms, etc.

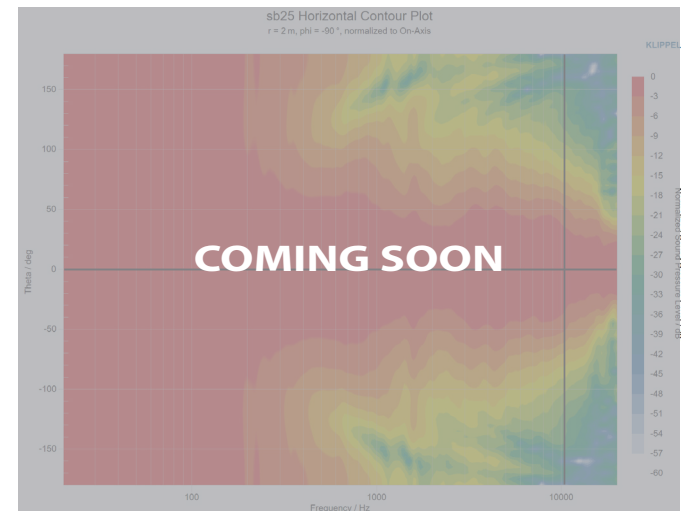
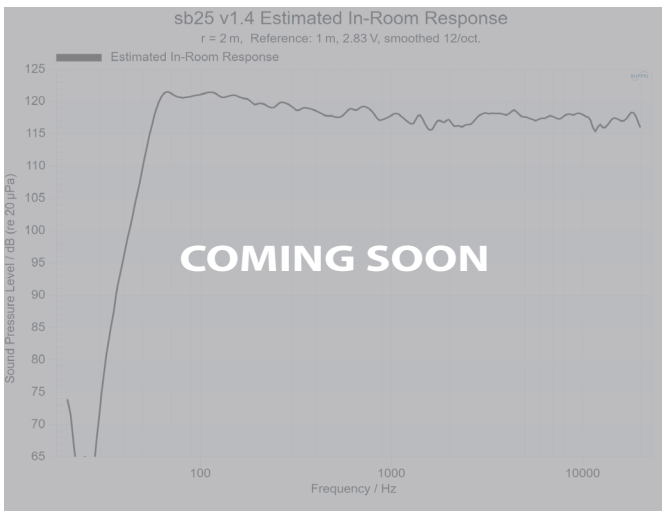
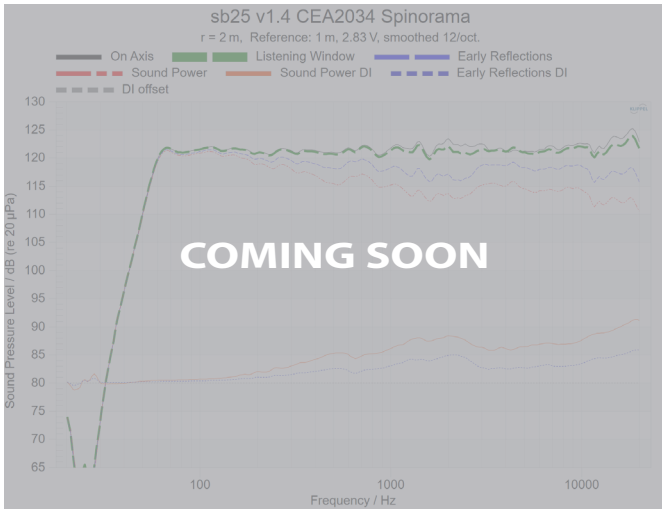
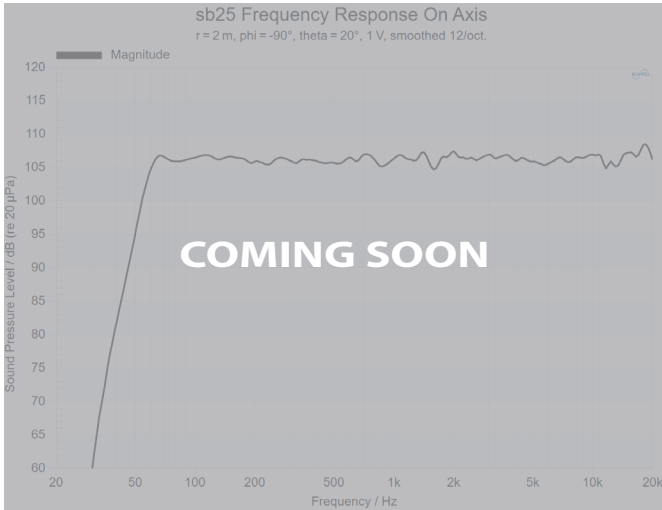
sb65 Specifications¹

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| Description: | High Output Three-Channel Soundbar for 65" TVs |
| Operation: | Passive, Requires Three (3) Theory Loudspeaker Controller Amp Channels |
| DSP Requirements: | Requires Model-Specific Theory-Certified DSP Loudspeaker Processing |
| Drivers: | 6 x 5" Theory Carbon Fiber Low Frequency Drivers 3 x 1.4" Theory AdvancedPoly™ Compression Driver |
| Enclosure: | Powder Coated and Anodized Extruded and Machined Aluminum, Fabric Grille |
| Terminals: | Twin Spring-Loaded Push Terminals |
| Outdoor Capability: | Indoor Use Only |
| Mounting Points: | Two Theory VersaSlot™ T-Slots Running Full Height with 4 x M5 Captive Nuts Optional Table Top Stand |
| Bandwidth: | 75Hz - 23kHz, -6dB; 65Hz -25kHz, -10dB |
| Coverage: | 125° Conical; 160° @ 10kHz, -12dB |
| Sensitivity: | 94dB ² (LF); 108dB ² (HF) SPL/2.83V/1m |
| Power Handling: | 200W (AES); 400W (Continuous); 800W (Peak) |
| Minimum Recommended Power: | 50W rms |
| Maximum Output: | 117dB SPL / 1m (based on AES power rating) per channel driven >124dB SPL / 1m (peak) three channels driven |
| Nominal Impedance: | 4-ohms |
| Colors: | Black |
| Dimensions: | 9.5" H x 57.0" W x 3.8" D (241mm H x 1448mm W x 97mm D) |
| Total Installed Depth (Z-clip Mount): | 3.93" D (100mm) Including Z-Clip Mounting Brackets |
| Net Weight: | 62.5 lbs. (28.4 kg) |
| Included Accessories: | Theory Z-Clip Mounting Brackets (male and female) for Flat Surface Mounting |
| Optional Accessories: | sb Table Top Stand Kit |

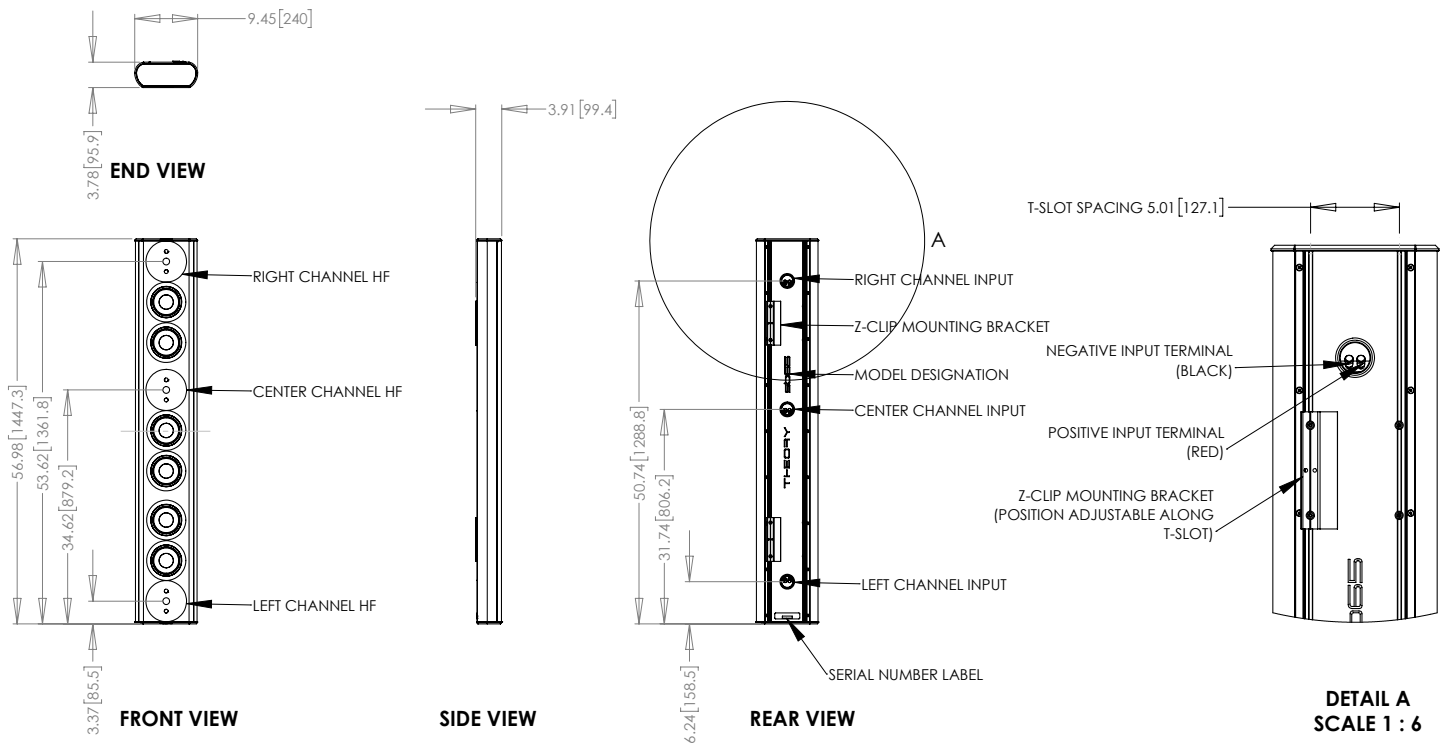
¹ - Specifications when used with required Theory-Certified DSP loudspeaker processing. Failure to use Theory-Certified processing may cause damage, degrades performance and voids manufacturer warranty.

² - The loudspeaker employs a passive internal crossover network so only one amp channel is needed to drive the unit. LF and HF sensitivity figures are shown separately because the network does not attenuate the HF signal in a traditional way, driver level balancing is accomplished in required DSP processing. This technique preserves some of the benefit of bi-amplification while only requiring a single amplifier channel.

sb65 Measurements



sb65 Dimensions



sb65 Architectural Specifications

The loudspeaker shall be of the three-channel "soundbar" type comprising a single surface mount, extruded and machined aluminum enclosure containing six (6) 5" (130mm) carbon fiber cone, butyl rubber surround low frequency transducers and three (3) 1.4" (35mm) engineered polymer compression high frequency transducers. It shall utilize an integral black fabric, acoustically-transparent, fabric grille. Frequency range shall be 75Hz – 23KHz (-6dB). Total power handling shall be 200 Watts (AES); 400W continuous program per channel. Sensitivity measured with 2.83 volts input at 1 meter on axis shall be 94dB. The loudspeaker shall operate via three connected amplifier channels of suitable power via a internal passive crossover networks and *must be combined with external Manufacturer-Certified DSP Processing for each channel*. The unit shall have a nominal input impedance of 4-ohms per channel. The loudspeaker enclosure shall be constructed from extruded and machined aluminum. The baffle shall be constructed from machined high-density fiberboard material. The external wiring connectors shall be spring loaded and gold plated, and shall accept bare wire, single or dual banana-type connectors with 19 mm (3/4 in) spacing. External dimensions shall be 57.0" W x 3.8" D x 9.5" H (1448mm W x 97mm D x 241mm H). The total enclosure shall weigh 62.5 lbs. (28.4 kg) per unit. The loudspeaker shall be the Theory Audio Design sb65 Three-Channel Passive Soundbar.

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