

sb85 3-Channel Passive Soundbar



KEY FEATURES:

- Fits Seamlessly Wall Mounted Under 85" 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 Drivers on 125° Axisymmetric Waveguides
- 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 sb85 is designed to match the width of 85" 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 and tuned ports allow the sb85 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 sb85 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 sb85 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.

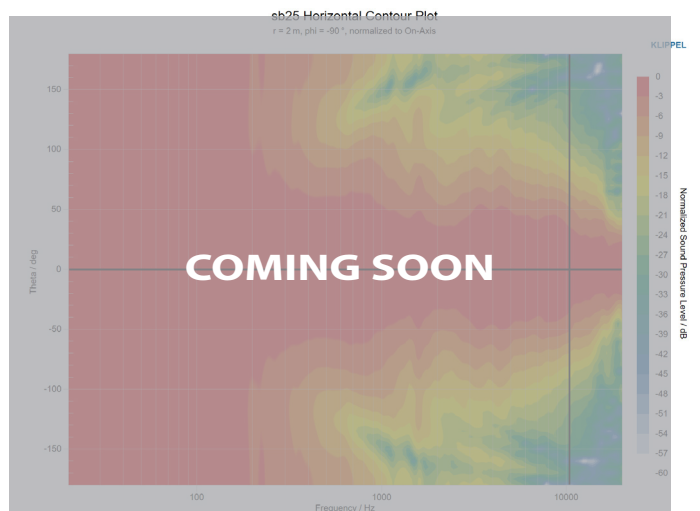
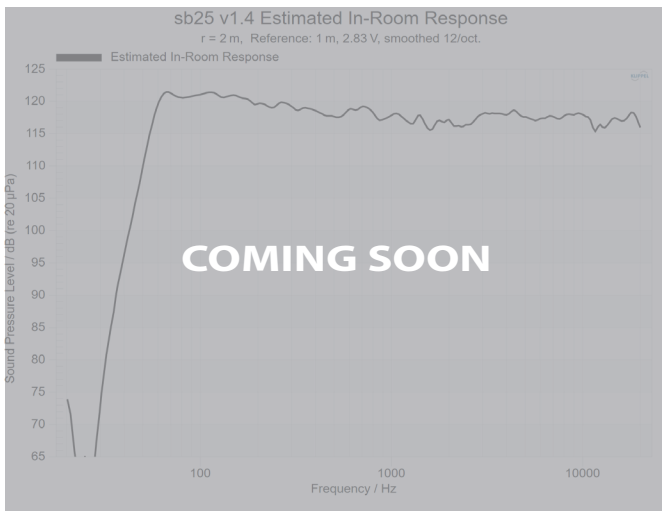
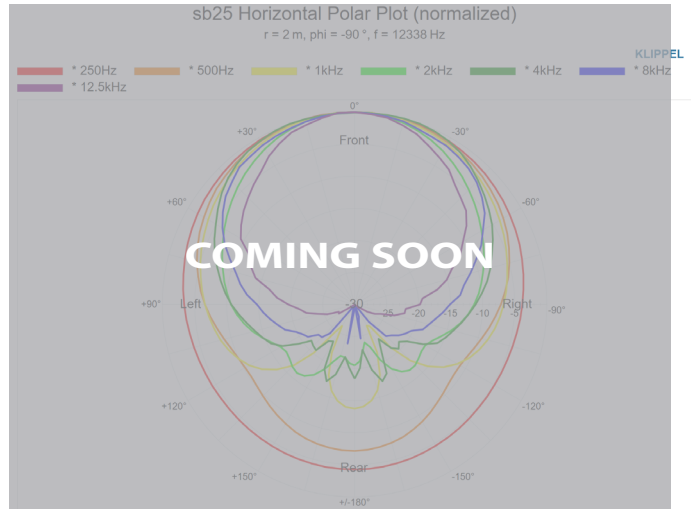
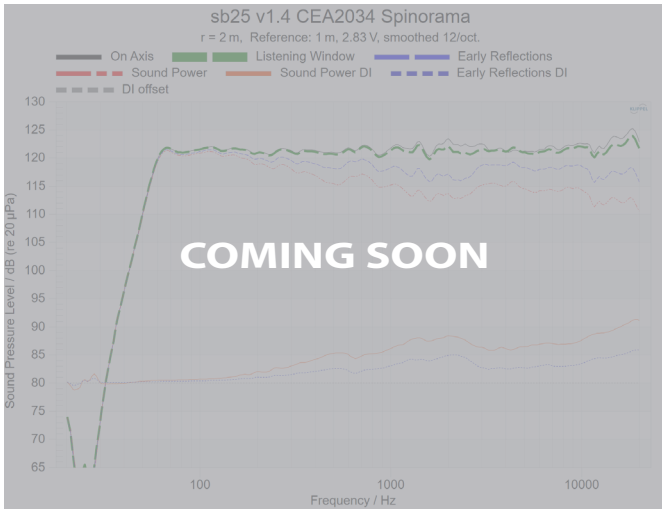
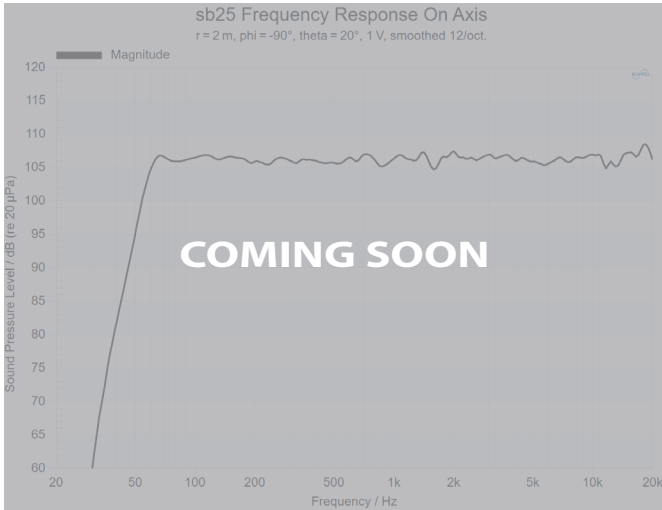
sb85 Specifications¹

Description:	High Output Three-Channel Soundbar for 85" 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™ High Frequency 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 (see below)
Bandwidth:	54Hz - 23kHz, -6dB; 46Hz -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 72.0" W x 3.8" D (241mm H x 1829mm W x 97mm D)
Total Installed Depth (Z-clip Mount):	3.93" D (100mm) Including Z-Clip Mounting Brackets
Net Weight:	72 lbs. (32.7 kg)
Included Accessories:	Theory Z-Clip Mounting Brackets (male and female) for Flat Surface Mounting
Optional Accessories:	sb Table Top Stand Kit

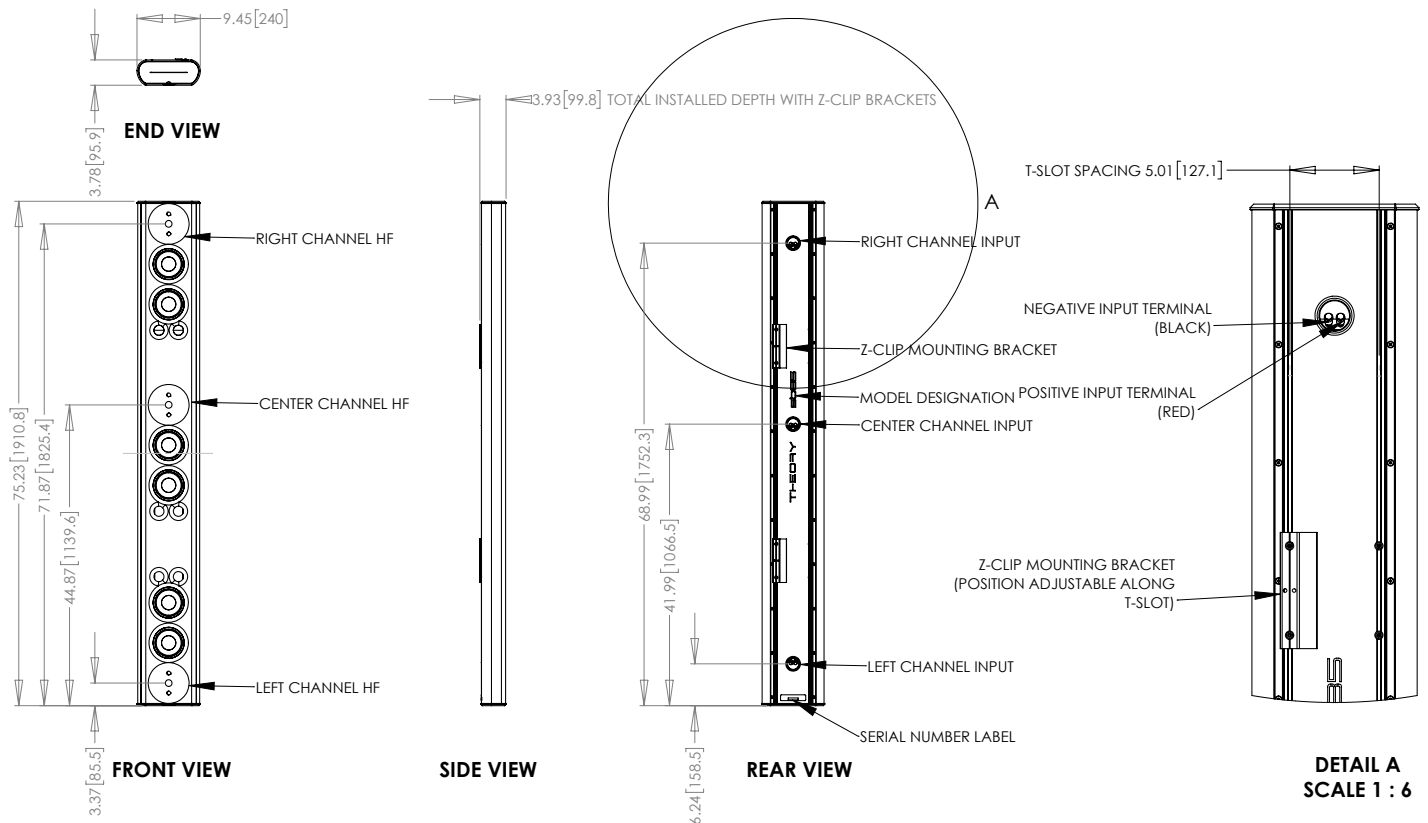
¹ - Specifications when used with required Theory-Certified DSP loudspeaker processing. Failure to use Theory-Certified processing may cause damage, degrades performance and voids manufacturer warranty.

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.

sb85 Measurements



sb85 Dimensions



sb85 Architectural Specifications

The loudspeaker shall be of the three-way 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 54Hz – 23KHz (-6dB). Total power handling shall be 200 Watts (AES); 400W continuous program. 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 internal passive crossover networks and *must be combined with external Manufacturer-Certified DSP Processing per channel*. The unit shall have a nominal input impedance of 4-ohms. The loudspeaker enclosure shall be constructed from extruded and machined aluminum. The baffle shall be ported and 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 72.0" W x 3.8" D x 9.5" H (1829mm W x 97mm D x 241mm H). The total enclosure shall weigh 72 lbs. (32.7 kg) per unit. The loudspeaker shall be the Theory Audio Design sb85 Three-Channel Passive Soundbar.

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