

SB 33 A

ADJUSTABLE WIDTH SOUND BAR



The SB 33 A sound bar provides enhanced audio performance for boardrooms, collaboration spaces, and classrooms. With an innovative adjustable width construction, flexible installation options, and multiple camera configurations, the SB 33 A is an integrator-friendly solution for creating a custom look in any environment. The integrated ENERGY STAR qualified Extron Class D amplifier and Everlast power supply offer significant energy cost savings combined with industry leading reliability.

- ▶ Provides enhanced audio quality for collaboration spaces
- ▶ Adjustable width to perfectly match any display from 46" to 80"
- ▶ Configurable for an internal webcam, a shelf-mounted PTZ camera, or no camera
- ▶ Internal ENERGY STAR qualified Extron Class D amplifier
- ▶ 3" full-range drivers optimized for collaboration applications
- ▶ Integrated webcam slot with privacy door

DESCRIPTION

The **Extron SB 33 A** is the industry's first adjustable width sound bar for enhancing the audio experience in collaboration spaces. It features two 3" full-range drivers with a tuned port, powered by an ENERGY STAR qualified Extron Class D amplifier. Designed to mount under a display, the SB 33 A features an innovative adjustable width capability, allowing it to match the precise width of the display for a custom look. The center panel accommodates an internal webcam and can be configured for PTZ cameras using an optional shelf. There is also an optional blank center grille for applications where no camera is required. The SB 33 A is compatible with VCM series volume and mute controllers. The SB 33 A mounts to an included wall bracket or to an optional VESA mounting kit for use with display mounts.

KEY FEATURES

- ▶ **Provides enhanced audio quality for collaboration spaces**
- ▶ **Four adjustable width models available** – Each with a 9" range of adjustment to create a custom look for displays from 46" to 80", diagonal
- ▶ **Configurable for an internal webcam, a PTZ camera, or no camera** – Suitable for self-contained huddle spaces or video conference rooms
- ▶ **3" (76 mm) full-range drivers with a tuned port for bass extension** – Optimized for collaboration applications
- ▶ **Frequency range: 100 Hz to 20 kHz**
- ▶ **Internal ENERGY STAR qualified Extron Class D amplifier** – High performance stereo amplifier with CDRS, automatic clip limiter, and auto power-down with fast power-up
- ▶ **Compatible with VCM series volume and mute controllers** – Can be used without a control system
- ▶ **Compatible with select MLC controllers that include VCM volume and mute ports**
- ▶ **Internal level, bass, and treble adjustments** – Once set, these controls are hidden and protected from tampering
- ▶ **Optional VESA mounting kit**
- ▶ **ADA compliant when used with the included wall bracket** – Protrudes less than four inches from the wall

CAMERA CUSTOMIZATION

Not all collaboration spaces serve the same function or have the same requirements, particularly when it comes to conferencing support. For some, a highly streamlined solution with a simple webcam meets the requirement. For others, a full PTZ camera is required to visually track individual conference participants. Still others are pure local collaboration spaces that require no conferencing at all or require an installed webcam to be blocked at will for security purposes. The SB 33 A meets all these needs through the use of its optional PTZ camera shelf, blank center grille, and standard webcam slot with a built-in door.



SB 33 A shown with included webcam door
Camera not included



SB 33 A shown with optional PTZ camera shelf
and optional Blank Center Grille
Camera not included



SB 33 A shown with optional Blank Center Grille

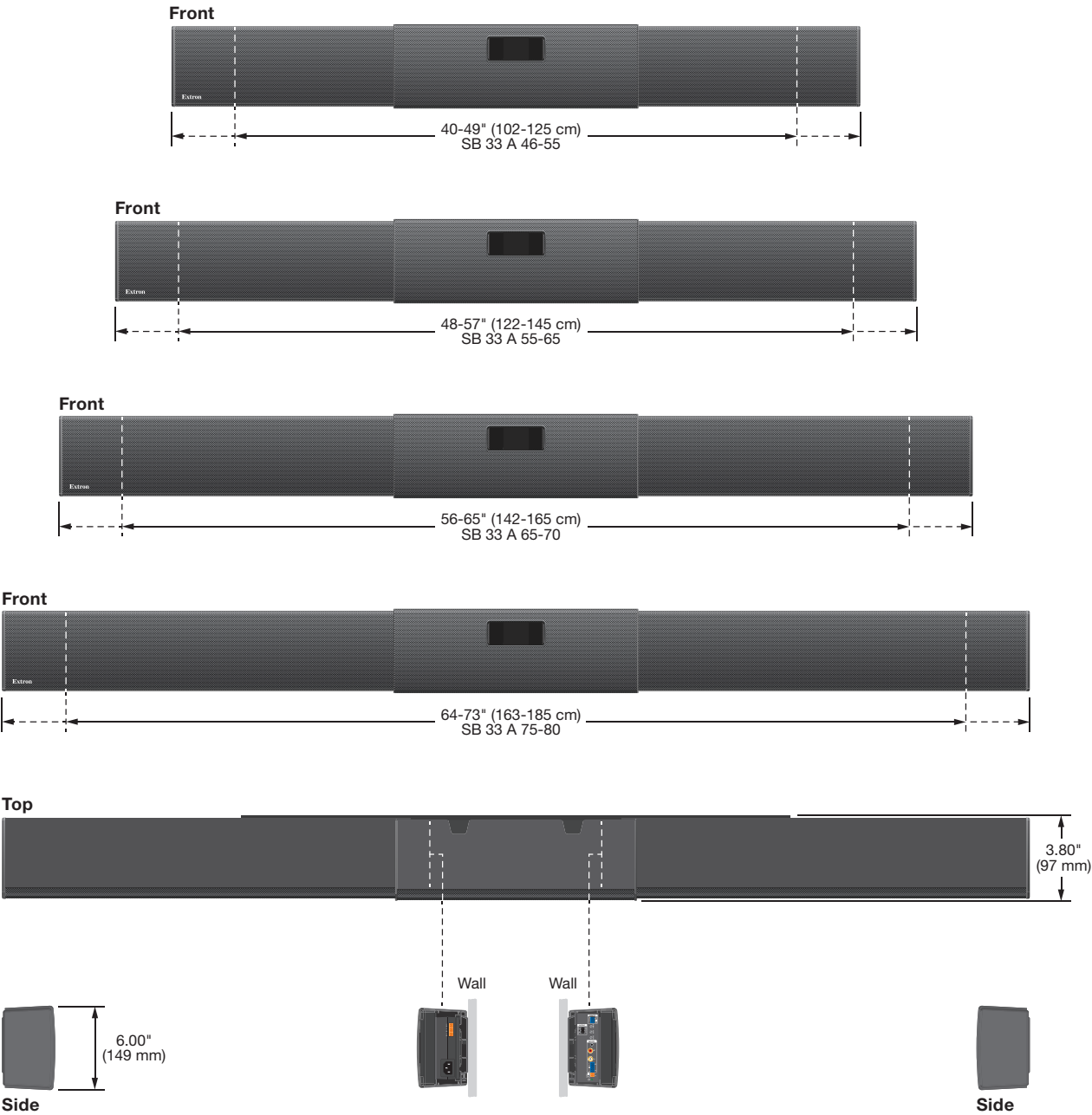


All Extron amplifiers carry on our commitment to conserve energy and reduce costs with their ENERGY STAR qualified designs with an auto power-down feature that places the amplifier into standby after 25 minutes of inactivity, consuming less than 1 watt of energy.

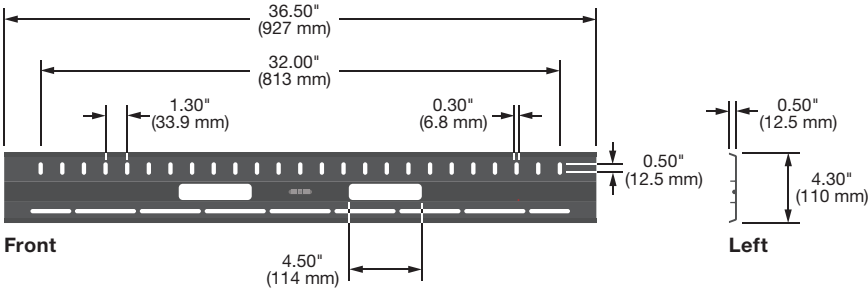


Power supply failures in mission-critical AV products can cause significant disruption to signal distribution and facility operations, creating serious challenges for system integrators, end users, and manufacturers alike. Extron has answered this challenge with the Everlast™ Series of high-performance, no compromise, internal and external power supplies, setting a new standard for reliability and efficiency in the professional AV industry.

PANEL DRAWINGS

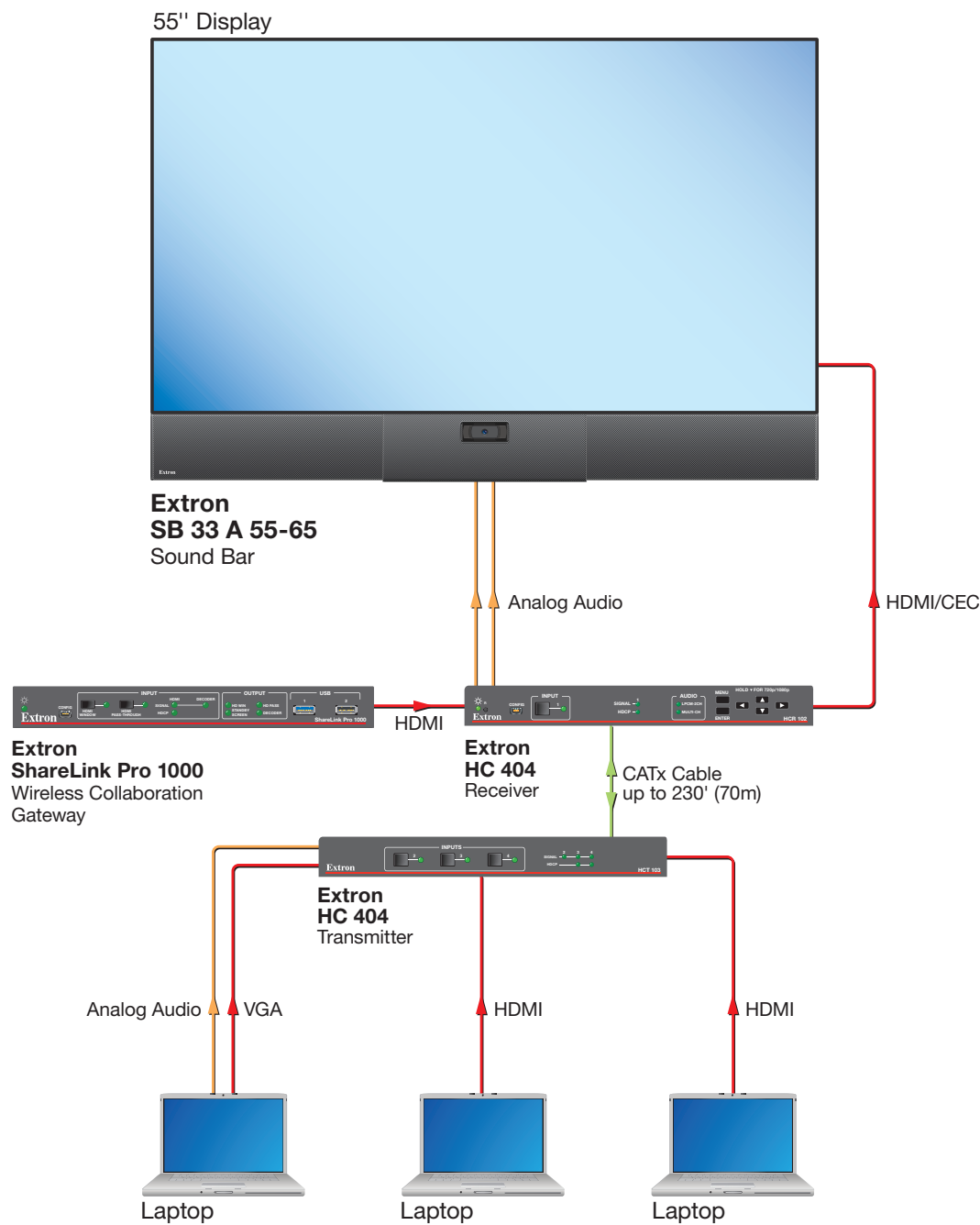


Wall Bracket



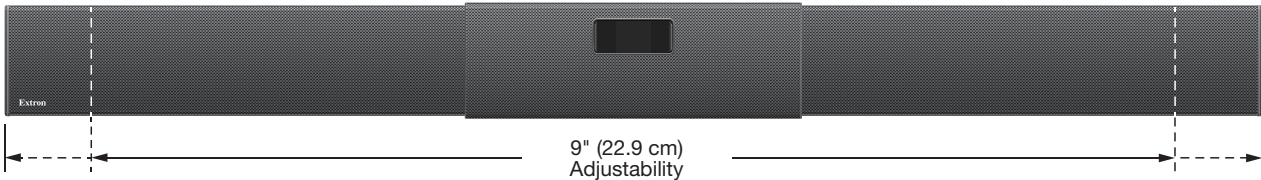
APPLICATIONS

The SB 33 A provides enhanced audio performance in collaboration spaces for sonically dynamic presentations. Combined with an HC 404 system and ShareLink Pro 1000, both HDMI and wireless sources can be presented on a display along with exceptional audio.



ADJUSTABLE WIDTH TO MATCH DISPLAY SIZE

Since display bezel widths vary, the unique design of the SB 33 A allows its width to be adjustable during installation to precisely match the width of the display. When placed under a display, this easily creates a custom look without the expense or extra time needed to order a custom built sound bar. The SB 33 A has four size versions to choose from, each with a 9" range of adjustment for displays from 46" to 80", diagonal.



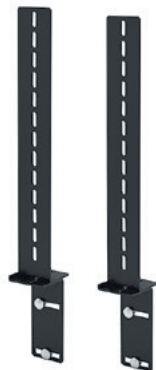
Configurable Mounting

A wall bracket is included, providing an easy way to flush mount the unit under a display. For installations involving an articulating mount or when the display is not directly mounted to a wall, an optional VESA mounting kit is available. When the SB 33 A is installed with the VESA mounting kit and an articulating mount, the sound bar and display move together as one unit.



ACCESSORIES

SMK V SB 33
VESA Mounting Kit



SAK BCG SB 33
Blank Center Grille



SAK PTZ SB 33
PTZ Shelf



SPECIFICATIONS

AUDIO/ACOUSTIC AND ELECTRICAL – SPEAKER	
Speaker type	Stereo, 1-way, full range, surface-mount speaker
Frequency range	100 Hz to 20 kHz, -10 dB, full space (per IEC 60268-5) (when the bass and treble pots are set to their 12 o'clock positions)
Maximum SPL	95 dB, 1 m (calculated)
Nominal coverage angles	Horizontal: 130° (1 kHz-4 kHz, weighted 2 kHz-4kHz) Vertical: 130° (1 kHz-4 kHz, weighted 2 kHz-4kHz)
Driver	(2) 3" (76.2 mm) paper cone
Input connectors	(2) 5 mm captive screw connectors, 2 pole (internal)
AUDIO – POWER AMPLIFIER	
Stereo channel separation	>60 dB @ 1kHz
CMRR	74 dB (typical) @ 1 kHz
Bass adjustment	±10 dB @80 Hz (reference) to 1 kHz (2 dB tolerance)
Treble adjustment	±10 dB @ 10 kHz (reference) to 1 kHz (2 dB tolerance)
AUDIO INPUT– POWER AMPLIFIER	
Number/signal type	1 stereo, balanced/unbalanced input 2 stereo, unbalanced inputs
Connectors	(1) 3.5 mm captive screw connector, 5 pole (main input) (1) 3.5 mm mini audio jack (tip, ring, sleeve) 1 pair female RCA
Impedance	>10k ohms unbalanced/balanced, DC coupled
Maximum level	
RCA and TRS inputs	+7 dBV (unbalanced) at 1% THD+N
Captive screw input	+12 dBu (balanced) at 1% THD+N
Amplifier input sensitivity	
Balanced	-8 dBu
Unbalanced	-16 dBV
Input signal detection threshold	RCA and mini audio jacks: -55 dBV (2.24 mV) ±3 dB, unbalanced Captive screw connector: -46 dBu (3.88 mV) ±3 dB, balanced
Standby mode timer	Triggers after 25 minutes (±5 minutes) with no signal
NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV = 2 dBu	
AUDIO OUTPUT – POWER AMPLIFIER	
Number/signal type	1 stereo (2 channels total)
Connector	(2) 5 mm captive screw connectors, 2 pole
High pass filter	80 Hz, 12 dB/octave roll off
Amplifier type	Class D
S/N	>90 dB, at maximum output (15 dBu), balanced (unweighted)
COMMUNICATIONS – AMPLIFIER	
Control port	(1) 3.5 mm captive screw connector, 3 pole
Pin configuration	Pin 1 = +10 VDC, 50 mA (max.), pin 2 = volume/mute (variable voltage), pin 3 = GND
Volume control voltage range	0 V (mute) to 10 V (maximum volume)
SWITCHED DC POWER OUTPUT	
Quantity/type	3 switched 12 VDC outputs
Connectors	(3) 3.5 mm captive screw connectors, 2 pole (2 available for peripherals)
GENERAL	
Power supply	Internal Input: 100-240 VAC, 50-60 Hz, 4.2 A
NOTE: Standby is triggered after 25 minutes (±5 minutes) with no signal.	

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing	
Cooling	Convection	
Protection	Clip limiting, thermal, short circuit, DC output	
Indication	Power LED indicates power/standby status and DC fault (see user guide for details on DC fault).	
Mounting		
Furniture mount	Yes, with VESA mount (available via 3 rd party) and SMK V SB 33	
Wall mount	Yes, with included hardware	
Included accessories	Setup guide, wallplate, webcam shelf, 1 5-pole 3.5 mm captive screw, 1 3-pole 3.5 mm captive screw, DC power cable, IEC power cable	
Enclosure type	Black metal and plastic	
Enclosure dimensions		
SB 33 A 46-55	6.0" H x 40.0" W x 3.9" D to 6.0" H x 49.0" W x 3.9" D (15.3 cm H x 101.6 cm W x 9.8 cm D to 15.3 cm H x 124.5 cm W x 9.8 cm D)	
SB 33 A 55-65	6.0" H x 48.0" W x 3.9" D to 6.0" H x 57.0" W x 3.9" D (15.3 cm H x 121.9 cm W x 9.8 cm D to 15.3 cm H x 144.8 cm W x 9.8 cm D)	
SB 33 A 65-70	6.0" H x 56.0" W x 3.9" D to 6.0" H x 65.0" W x 3.9" D (15.3 cm H x 142.2 cm W x 9.8 cm D to 15.3 cm H x 165.1 cm W x 9.8 cm D)	
SB 33 A 75-80	6.0" H x 64.0" W x 3.9" D to 6.0" H x 73.1 W x 3.9" D (15.3 cm H x 162.6 cm W x 9.8 cm D to 15.3 cm H x 185.4 cm W x 9.8 cm D)	
Product weight		
SB 33 A 46-55	13.1 lbs (5.9 kg)	
SB 33 A 55-65	14.3 lbs (6.5 kg)	
SB 33 A 65-70	15.5 lbs (7.0 kg)	
SB 33 A 75-80	16.7 lbs (7.6 kg)	
Vibration	ISTA 1A in carton (International Safe Transit Association)	
Regulatory compliance	CE, CEC, CISPR 22 Class B, C-tick, ENERGY STAR®, European Code of Conduct, FCC Class B, ICES, RoHS, UL, CUL, VCCI Class B	
Product warranty	5 years parts and labor	
Everlast power supply warranty	7 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part Number
SB 33 A 46-55	Adjustable Width Sound Bar for 46" to 55" Displays	60-1737-11
SB 33 A 55-65	Adjustable Width Sound Bar for 55" to 65" Displays	60-1737-12
SB 33 A 65-70	Adjustable Width Sound Bar for 65" to 70" Displays	60-1737-13
SB 33 A 75-80	Adjustable Width Sound Bar for 75" to 80" Displays	60-1737-14
Optional Accessories		
SAK BCG SB 33	Blank Center Grille for SB 33 A Sound Bar	70-1229-01
SAK PTZ SB 33	PTZ Camera Shelf for SB 33 A Sound Bar	70-1260-01
SMK V SB 33	VESA Mounting Kit for SB 33 A Sound Bar	70-1192-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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