



## SB10

- Powered 10" sub-bass
- Remote power, in separate 1U controller
- High output, low distortion
- 2 in, 2 out, bass management
- Variable crossover frequency
- Precise phase adjustment
- Compact tuned enclosure
- S-Series stand mounting points
- LED metering
- Sub-bass bypass monitoring function

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# SB10

Dimensions: (w x h x d) 617 x 333 x 290  
 Weight: 19.8 kg  
 Driver: Bass cone 1 x 250 mm (10")  
 Frequency Response: Set by controller

## INPUT

Connector: 1 pair gold plated binding posts  
 Nominal Impedance: 3.3 Ohm  
 Maximum SPL: 113 dB (c) continuous pink noise @1m (127 dB (c) per pair RMS music)  
 Gain: Dependent on controller settings

# SB Controller

Dimensions: 1U case 270 mm deep  
 Weight: 5.5 kg

## INPUT

Connector: 2 off XLR and 1/4 inch jack combo socket  
 Impedance: 10k electronically balanced  
 Wiring: Pin 1 (Sleeve) ground, Pin 2 (Tip) hot, Pin 3 (Ring) cold  
 Gain: -14 dBu to +6 dBu

## OUTPUTS

Left and right monitor Impedance: 2 off XLR3 type male left & right outputs <100 ohm electronically balanced  
 Wiring: Pin 1 ground, Pin 2 hot, Pin 3 cold  
 Sub Bass output: 1 pair binding posts

## FILTERS

Left & right input summed to sub output  
 Subsonic/High pass: -3dB @ 14 Hz, 24dB/oct or -3dB @ 28 Hz, 24dB/oct (set by internal jumper)  
 Low Pass: -3dB @ 40 Hz to 135 Hz, externally adjustable @ 24dB /oct or full range on CH A  
 Left right input to left & right output  
 Ultra sonic: -1dB @ 100k  
 High pass: -3dB @ 40 Hz to 135 Hz, externally adjustable @ 24dB /oct or full range on CH A

## POWER AMPLIFIER

> 210W rms continuous  
 THD: < 0.03% at levels up to 1dB below clip, 20 Hz – 120 Hz typ 0.005% @ 20W rms 100 Hz  
 Hum + Noise: < -100 dB referred to clip

## CONTROLS

Crossover Frequency 40 – 135 Hz, front panel pot  
 Test (Band limited pink noise), front panel recessed switch (LED indicates when on)  
 Sub bass bypass, front panel switch (LED indicates when bypassed)  
 Sub Gain -14 to +6, front panel pot (Sub level indicated with LED Meter)  
 Sub Phase, front panel pot  
 Sub Polarity, front panel recessed switch (LED indication for positive and negative polarity)  
 Power, front panel switch  
 Left channel sub filter bypass, rear mounted recessed switch  
 Subsonic filter 14 or 28 Hz, internal jumpers

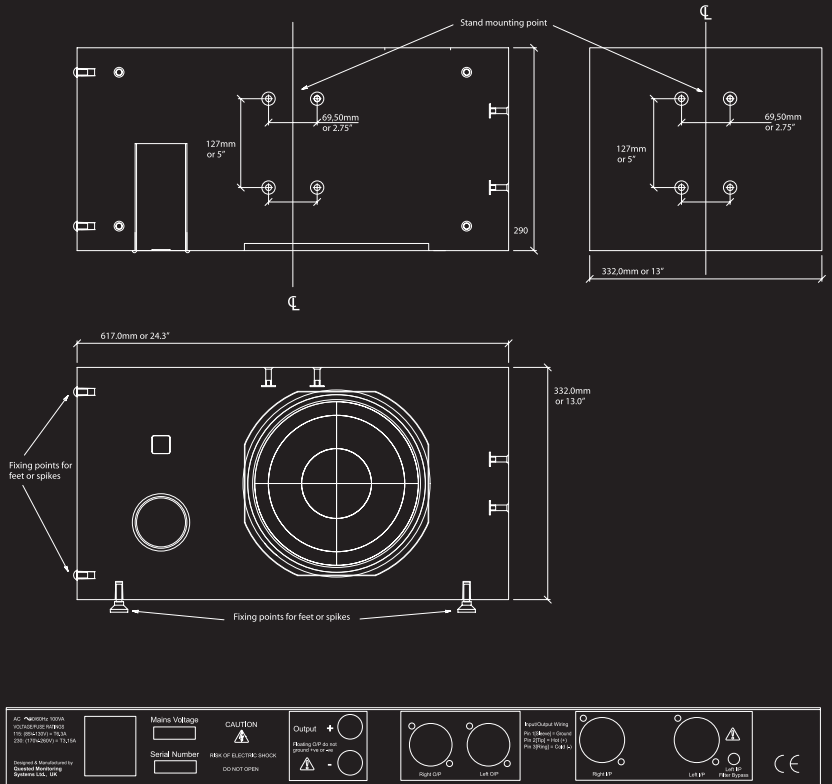
## POWER REQUIREMENTS

Voltage: Set by internal plug: nominal 115V or 230V @ 50-60Hz AC  
 230V setting: Min 160V (restricted output power): Max 255V  
 115V setting: Min 80V (restricted output power): Max 127V

## CONSUMPTION

Quiescent: <30W  
 Typical use: 50W  
 Max: <200W

Note OdBu = 775mV into open circuit



# SB10 & SB Controller | Technical specification

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