

Maximize the Performance of your Subwoofers

The Audyssey Sub Equalizer enables bass in home theaters to sound the way it was intended.

AUDYSSEY

The room distorts the low frequencies

Every listening room has a negative impact on bass reproduction. Low frequency standing waves and room modes cause large variations even when using the best-designed subwoofers. The result is compromised sound, with uneven low frequency response throughout the room, loss of true deep bass, and muddy or boomy bass. There are subwoofer equalization products today that attempt to fix these problems. They typically have three critical drawbacks: (1) they only measure at a single point, (2) they use a few parametric EQ filters that do not have enough resolution and (3) they cannot make corrections in the time domain.

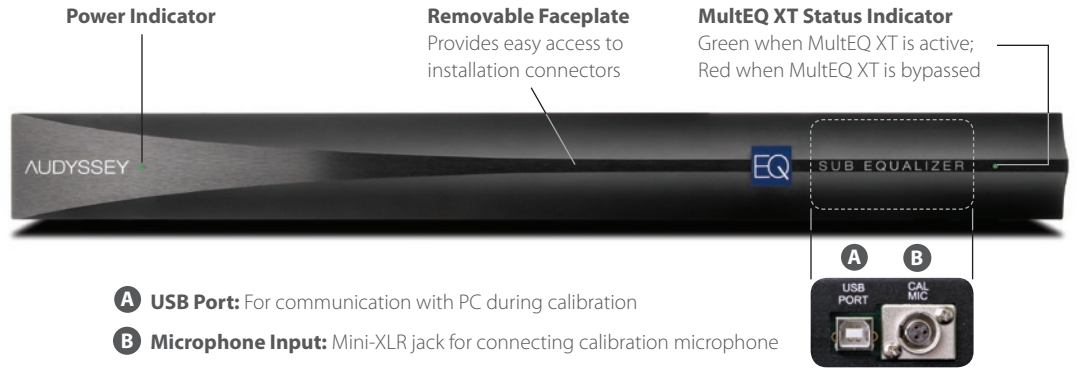
Fixing room problems results in a new level of subwoofer performance

The Sub Equalizer from Audyssey is a dedicated component for fixing these challenging problems. Using Audyssey MultEQ XT room correction, it measures the entire listening area, identifying time domain problems throughout the room and correcting these acoustical problems by using thousands of correction points to create a high resolution equalization solution that fixes both frequency and time domain problems. The result is deeper, cleaner bass, and a consistent listening experience throughout the listening area.

Making your whole system sound better with one or two subwoofers

Properly equalized subwoofers become perfectly integrated with the satellite speakers. MultEQ XT finds the optimal bass management settings—eliminating blending problems in the crossover region, frequency response anomalies and time smearing due to group delay.

The Sub Equalizer is also the first component that enables the proper integration of two subwoofers in any home theater receiver. It automatically sets the level and delay for each subwoofer and then creates a room correction solution for both subwoofers combined.



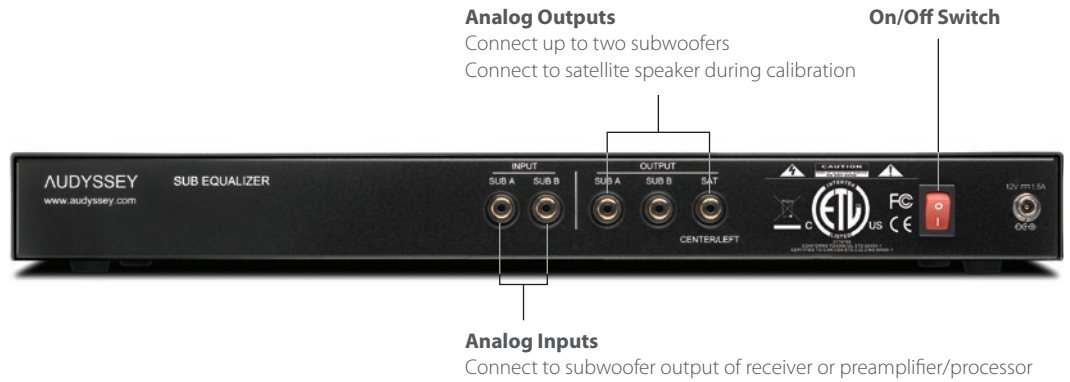
Seamless integration of one or two subwoofers

MultEQ XT in the Sub Equalizer analyzes the time and frequency response of the subwoofer to create the best possible EQ solution and find the optimal bass management settings—no blending problems in the crossover region, no frequency response anomalies and no time smearing due to group delay.

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For more information:

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Dimensions (1RU): Width: 17.25 in (43.8 cm); Depth: 8.00 in (20.3 cm); Height: 1.75 in (4.4 cm) | **Weight:** 6.5 lbs (2.94 kg)

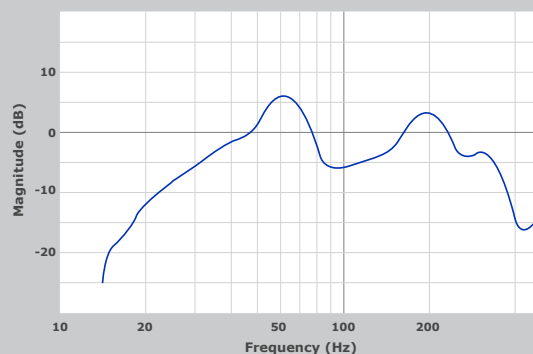
Hardware Included: Power cord, 1/8 inch pass-through cable, rubber isolation feet, rack mount ears

Audyssey Sub Equalizer | Summary of specifications

Analog Input:	2 unbalanced inputs using RCA female connectors
Input Impedance:	47 k Ω
Maximum Input:	6.0 Volts RMS
Analog Output:	2 Subwoofer outputs using RCA female connectors 1 satellite speaker output using RCA female connector (used during calibration only)
Maximum Output:	8.46 Volts RMS
Frequency Response:	± 0.5 dB, 10 Hz to 20 kHz
S/N Ratio:	> 103 dB (typical), A-weighted, re: Maximum Output
Measurement Locations:	Up to 32
Dual Zone:	Calibrate a subwoofer in two separate rooms

MultEQ XT corrects the distortions caused by room acoustics. This enables you to experience a flat bass response as it was intended.

Typical subwoofer response, measured in a room



Corrected response results in flat bass

