



The Ultimate Home Theater Component

The Audyssey Sound Equalizer Balanced enables home theaters to sound the way they were intended.

AUDYSSEY

Instant impact on new or existing home theater systems

With the Audyssey Sound Equalizer Balanced, you can integrate the Audyssey MultEQ XT room correction technology into your balanced home theater separates system.

Sound Unmasked

When you experience Audyssey technology, a cloudy layer is lifted away, leaving only clear, accurate, natural sound. Voice and dialog become focused and intelligible, musical balance is restored, musical instruments and sound effects become precisely localized, and the surround soundstage is made seamless and enveloping.

Every seat is now the best seat in the house

Until now, world class sound was limited to the best theaters. Now, with Audyssey MultEQ XT you can hear accurate, enveloping, distortion-free sound in a large listening area and not just one spot. MultEQ XT was developed to build an advanced automatic system to measure the acoustics of the room and correct audible sound distortion throughout the entire listening area.

MultEQ XT fixes time and frequency problems

MultEQ filters start in the time domain. This is a radical departure from traditional EQ methods that have relied on a few parametric bands and only operate in the frequency domain. Instead, MultEQ XT uses thousands of points to create an equalization solution in both the frequency and time domains. It also uses advanced signal processing methods that focus the filter power automatically where it is needed the most with particular emphasis in the low frequencies. Result—room correction that truly removes acoustical problems.

Multi-zone calibration: Improves sound in up to four separate rooms

The Sound Equalizer can be configured for up to 8 channels in a single room or in multiple rooms. For instance, if the main listening room has a 5.1 system, then another room with a 2.0 system can be calibrated separately. Four 2.0 channel rooms or any configuration of up to 8 channels can be set up.

Low frequency correction

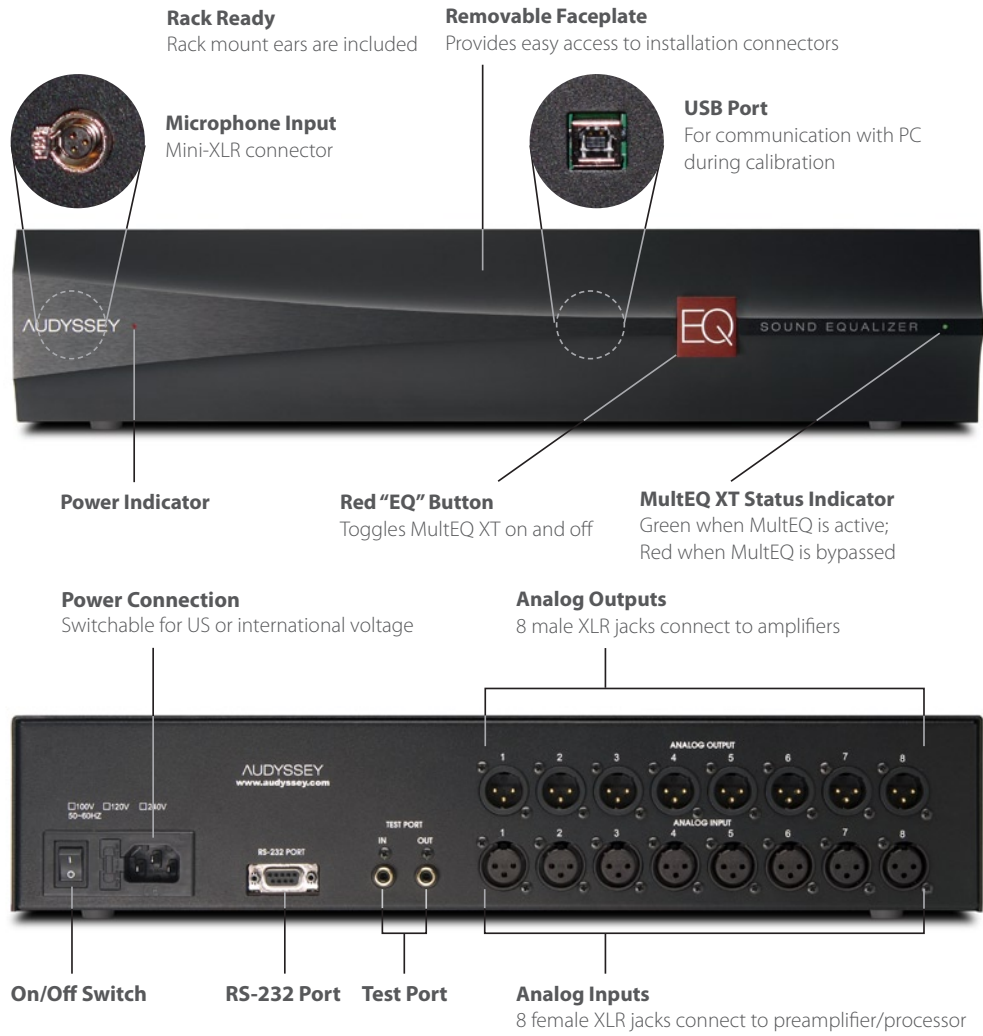
MultEQ Pro uses the most advanced low frequency calibration method available anywhere. This method analyzes the frequency, time and phase response of the satellites, subwoofer and bass manager to create the best possible EQ and system settings—no suckout, no frequency response anomalies and no smearing. It also uses a very high resolution room correction filter for the subwoofer channel.

Professionally installed for optimum results, the Audyssey Sound Equalizer is available through fine professional installers.

Ask your local reseller about buying the Audyssey Sound Equalizer.

For more information

Web: www.audyssey.com
E-mail: sales@audyssey.com
Tel: (213) 625-4300



Dimensions (2RU): Width: 17.125 in (43.4 cm); Depth: 11.625 in (29.5 cm); Height: 3.5 in (9.3 cm) | **Weight:** 15.5 lbs (7.03 kg)
Hardware Included: 2 rack ears, 8 XLR to RCA output connectors (for integration with unbalanced amplifiers)

Audyssey Sound Equalizer Balanced | Summary of specifications

- Analog Input: 8 channels using XLR female connectors (pin 2 positive)
- Input Impedance: 47 k ohm each leg to ground
- Maximum Input: Differential: 4.0 Volts RMS (across pins 2 & 3)
Single-ended: 2.0 Volts RMS (across pins 2 & 1)
- Analog Output: 8 channels using XLR male connectors (pin 2 positive)
- Signal-To-Noise Ratio: > 108 dB (typical), A-weighted, re: 4.0 Volts RMS

MultEQ XT corrects the distortions caused by room acoustics. The result is a response that accurately matches the selected target curve, enabling you to experience sound as it was intended.

