

BLOG

BY [THX](#) | [HOME](#) | MAY 11, 2017

How the Outlaw Ultra X-1310L subwoofer brings big sound to bigger spaces



Different room size, different certifications

For many years, THX has certified products across different categories based on room size. “THX Select” certification is for smaller rooms, while “THX Ultra” certification applies to larger ones. We’ve brought these same designations to our THX Approved Component Program, with a few slight alterations.

THX Select certification applies to rooms up to 2000 sq ft, while THX Ultra is for rooms up to 3000 sq ft. For better clarity, we've simplified some of our older designations: "Select2" is now just "Select" and "Ultra2" is "Ultra."



Ultra performance for ultra spaces

As the name would indicate, the Outlaw Ultra X-1310L meets our THX Ultra specifications. Let's dive a little deeper into what that means.

To attain Ultra certification, THX conducts a myriad of tests, including sensitivity, frequency response, distortion, etc. Products must be able to play at 85dB and have +20dB of headroom (at the specified listening distance). This requirement applies to all Ultra loudspeakers, not just subwoofers.

THX Ultra subwoofers also must have low distortion and the ability to play down to 20hz. These requirements ensure dialogue and explosions alike are heard clearly and without unwanted noises or clipping.

It usually takes a system of at least two subwoofers to achieve Ultra certification. But that constraint is now history.

Cinema-quality entertainment from a single subwoofer

The Outlaw Ultra X1310L is one of a limited number of subwoofers that can provide enough output for a THX Ultra sized room using a single subwoofer. Can you say "game changer"?

THX performed over 400 tests to certify Outlaw's new offering. Demonstrating their tireless commitment to quality and their value as a strategic partner, Outlaw studied our specifications, inquired about our test process and methodology, and made the necessary adjustments to create a subwoofer that met our requirements.

One thing we tested for, as we do with all audio products submitted for Ultra certification, was "flat" frequency response. THX Certified loudspeakers, and other electronics with flat response, will reproduce content the way the artist intended, without any coloring caused by the system. This enables superior experiences for end users, bringing the full vision of the original content creator to life.

