

Recommended Modes of Operation: Configuration 1

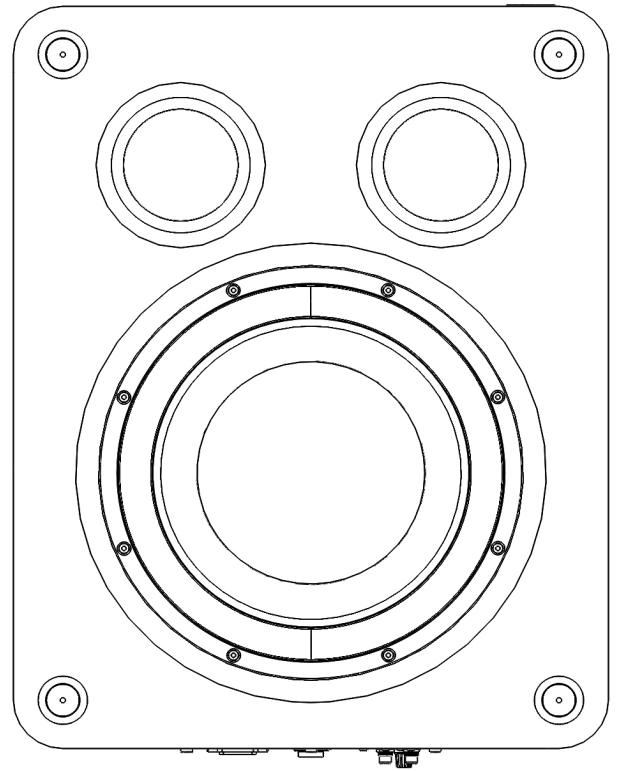
Your Ultra-X13 is capable of six different modes of operation:

- a completely vented enclosure with no ports plugged
- a completely sealed enclosure with all ports plugged
- a mixture of the two with one port plugged

Each of these three physical configurations can also be customized by changing the EQ switch on the subwoofer between EQ 1 and EQ 2.

While you have quite a few options, there are two specific modes of operation that the Outlaws recommend:

Configuration 1: A completely vented enclosure with no ports plugged; EQ Switch set to EQ 2
THX ULTRA Certified Mode of Operation



You can see below the results of changing the EQ switch from EQ 1 to EQ 2 when the enclosure is completely vented. EQ 1 - the blue line, provides quite a bit of boost from about 20Hz - 50Hz. While

having this option is useful, EQ 2 is generally much more desirable due to its smooth and accurate response.

You may have noticed that this mode is THX Ultra certified (formerly known as THX Ultra 2). While quite secretive, THX Ultra certification is known for very strict requirements, including low distortion levels and enough output to fill a 3,000 cu ft. room.

At this time, there are only 2 single subwoofers in the world that have achieved THX Ultra certification.

When you configure your Ultra-X13 subwoofer for this mode of operation, you ensure the sub outputs the clean and accurate signal you would expect from a world class subwoofer.

