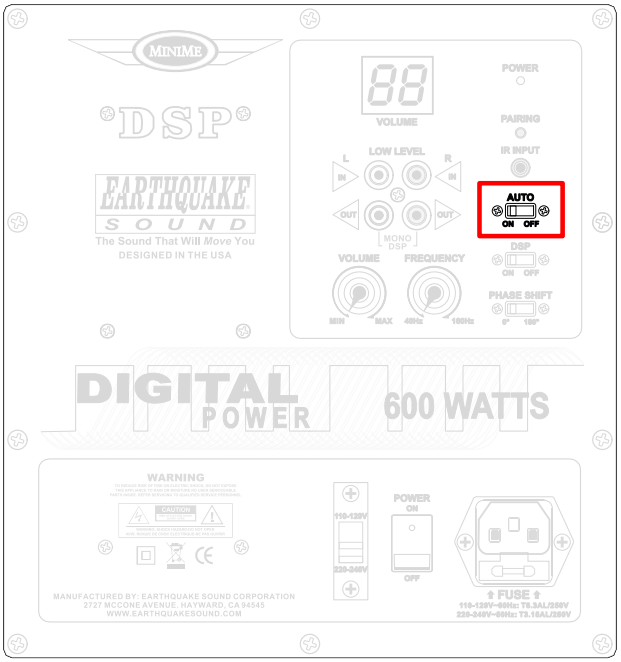
EARTHQUAKE®
SOUND
The Sound That Will *Move* You

MiniMe DSP
Quickstart Guide

BEFORE YOU BEGIN

If you plan to use the iWoofer™ mobile app to control the DSP functions on your MiniMe subwoofer, then follow the steps below before launching the application. This will ensure that your mobile device will properly connect to the subwoofer.

Power on the subwoofer and check the amplifier on the back of your MiniMe subwoofer where the **"AUTO"** option is displayed on the right column. See the image to the right.



Note that there are three modes to select from on this switch.

ON MODE

The subwoofer will remain on regardless of whether it receives a signal or not.

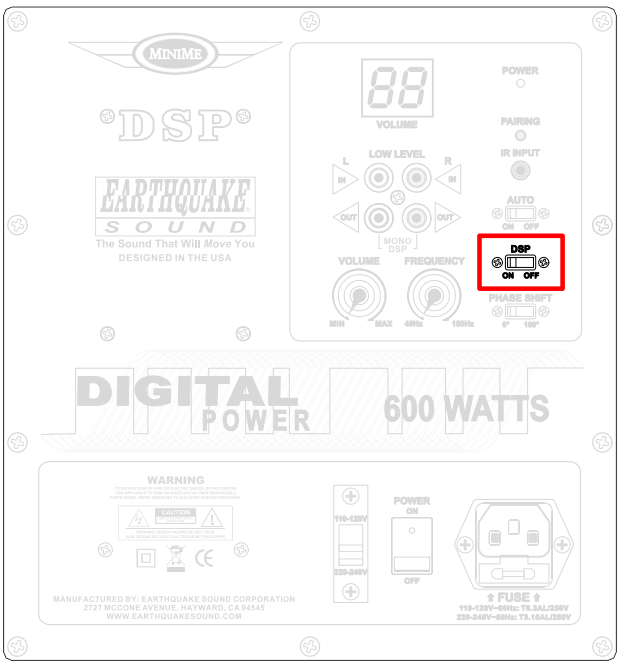
AUTO MODE

The subwoofer will only turn on when the signal is detected. If the signal disappears after 15 minutes, the subwoofer will automatically enter the sleep state.

OFF MODE

The subwoofer will remain off regardless of whether it receives the signal.

Check the "**DSP"** option and make sure that the switch is set to the **"ON"** position. You will not be able to connect to your MiniMe subwoofer from your mobile device without this set correctly before launching the iWoofer™ application. The iWoofer™ app also relies on a Bluetooth® connection so make sure that you have that turned on in your mobile device settings. You are now properly setup and ready to launch the iWoofer™ app to access the DSP functions on your MiniMe DSP subwoofer.



iWoofer™

iWoofer™ is a mobile based application developed by ARTEM KHLYUPIN, that allows the user to control DSP settings from a mobile device. In addition to full DSP control, the iWoofer™ Pro app offers automatic room correction to achieve a more linear or boomy response from the woofer.

We at Earthquake strongly suggest all users to download the free version and and try it out in **"DEMO"** mode. Become familiar with the UI and functions and what they do before downloading the pro version. The iWoofer™ application is available for both Android™ and iOS™ mobile devices. Note that the developer has not made the pro version available for Android™ at this time. Because of this, users will have limited access to the functions shown in the list to the right.

- XOver Control
- Gain Control
- SHS Control
- Delay Control
- Phase Control
- Limiter-Compressor Base Control
- Dynamic Bass Base Control
- Remote Hardware Control
- Preset Manager
- Preset Import/Export Features
- Limiter-Compressor Detailed Control*
- Dynamic Bass Detailed Control*
- Room Correction*
- SPL Meter*

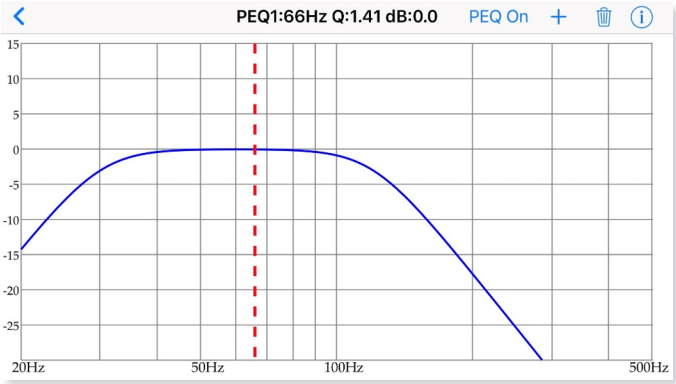
iWoofer™ Pro Features Only

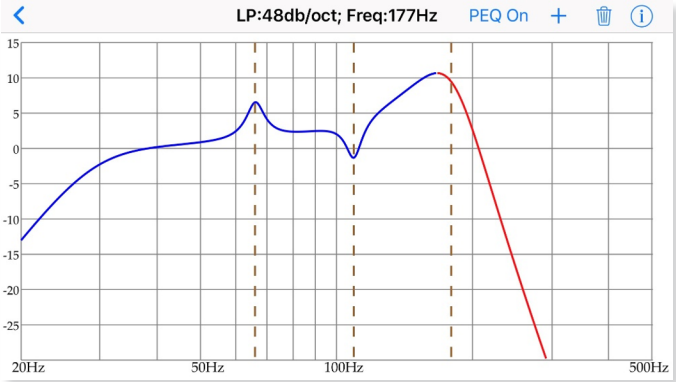
Android iOS iOS Pro

XOVER CONTROL

The XOver or Crossover control allows the user to control both the Low Pass and High Pass filters by double tapping the curve, or pressing and holding it for more than 1 second. The curve can then be slid left to right to control the frequency from 20Hz up to 500Hz. The curve can also be slid up and down to control the order of the filter up to an 8th order or 48 db/oct filter.

To add a fully Parametric Equalizer (PEQ), select the "+" icon. Up to 25 bands can be added, to remove a band select the trash icon. Double tap or press and hold a band for more than one second to select it. Once selected, slide the band left or right to change the frequency and up and down to control the gain. You can also use two fingers in a zoom in or zoom out fashion to change the Q factor, or PEQ bandwidth.





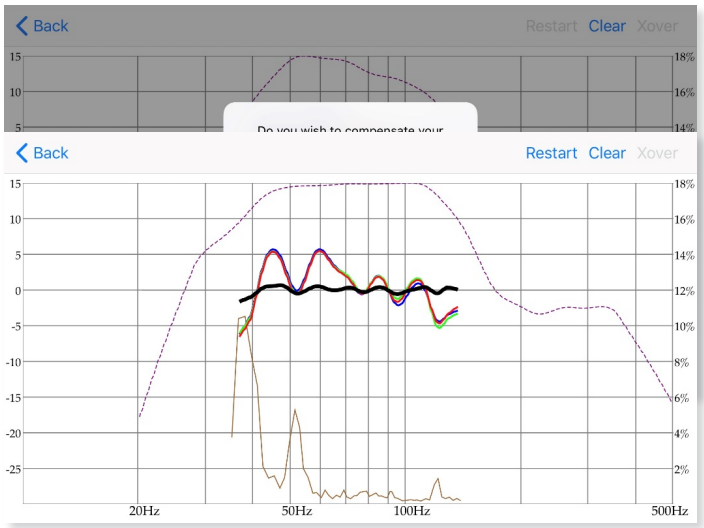
ROOM CORRECTION

This will be the feature that most people will want to take advantage of when using the iWoofer™ app with the MiniMe DSP subwoofer. Again, you will need the pro version on an iOS™ device in order to access this feature.

The iWoofer™ Pro app features automatic room correction. To begin select “Room Correction” from the main menu. Once there select “Wizard” to begin the automatic correction process. Before beginning, ensure that the gain knob is properly adjusted on the woofer and that the sub is not over-driven. Earthquake Sound recommends placing the mobile device where the listener will be when the woofer is in use.

After placing your mobile device in the proper location, select “Next” to begin the sweep. It is important to remain as silent as possible during the sweeps. The woofer will now sweep through the frequency range. Once completed, you will be asked to add an additional response or sweep measurement or you may continue. Earthquake Sound recommends performing a minimum of 3 response sweeps in order to get an accurate measurement.

Once you have obtained the desired sweeps select “No, Next” to continue to the next step. You will then be prompted to select the reference type for the room compensation, Boomy Region, Near Field or Linear. We recommend the “Boomy Region” selection since it maintains the high energy peaks of the low frequencies while creating a linear response for the mid



range. The Near Field option is ideal for users with poor mic tolerance as it measures relative SPL and only compensates for the room reflection and not the woofer/box itself. The final reference, Linear, creates as flat as a response curve as possible throughout the frequency range.

Once the desired option is selected, iWoofer™ will then adjust the response curve based on the selection and will produce a final response curve.

For more information on additional features in iWoofer and iWoofer Pro, please refer to the user manual found here: http://bit.ly/2YPIFOv