

8" Active Subwoofer With Satellite Output



CS2433

User Manual

Subwoofer placement

The subwoofer should be placed facing the main listening position.
Connect your front speakers and your sound source to the subwoofer.

Turn it on and put on a piece of music which you are familiar with and set the Volume level.
You can now adjust the subwoofer level to the overall music level.

In the beginning, you'll need to get up & adjust the subwoofer volume, then return to your seat to check the result. Once you determine the proper subwoofer volume, LEAVE IT ALONE...From this point on, the subwoofer volume will rise & fall with the overall volume of the subwoofer.

Specifications :

- Power output: Satellite: 15W x 2 RMS
Bass: 30W RMS
- THD: $\leq 0.5\%$
- Signal-to-noise ratio (amplifier): $\geq 85\text{db}$
- Input impedance: 10K Ohms
- Input sensitivity: 380mV max
- Input port: Stereo RCA Line-in
- Frequency response: Woofer: 50 –150Hz variable
- Controllers: Volume, Subwoofer volume, Crossover frequency, On/Off
- Speaker impedance: 8 Ohms
- Bass driver unit: 8" cone, long throw

Subwoofer Controls

1. **Power Switch:** This two-position switch controls the power status of the subwoofer. OFF turns the subwoofer off. ON turns the subwoofer ON, regardless of whether a signal is present or not.
2. **Volume Level control:** This rotary control adjusts the overall volume of the subwoofer system.
3. **Subwoofer Level Control:** This rotary control adjusts the volume of the subwoofer. This is used to properly balance the subwoofer's volume with the volume of your frontspeakers.
4. **Subwoofer Crossover:** This rotary control is variable from 50 hz to 150 hz. This adjusts a Low-Pass filter to set the upper frequency at which the output of the Subwoofer begins to roll-off. The recommended setting for this control is 120 hz to 150 hz.
5. **Speaker Level Outputs:** These spring-loaded terminals for speaker wire will send the signal onward to your frontspeakers.
6. **Audio Component Input:** These input jacks accept a signal from an audio unit.
7. **Status LED:** This light emitting diode shows the status of the subwoofer. "Red" indicates that the amplifier is plugged in and the power switch is on.
8. **Fuse:** Always replace the fuse with the same type & size listed.

