



# Elite Series Powered Subwoofers

Models: HSU8, HSU10, HSU12



## User's Manual

[www.daytonaudio.com](http://www.daytonaudio.com)

**Thank you for purchasing the Dayton Elite Series Powered Subwoofer, the perfect addition to any home theater system.** Your new subwoofer has been designed and engineered by world-renowned subwoofer audiophile Dr. Hsu. This powered sub features a front firing long-throw woofer and powerful amplifier in a bass reflex design for increased low-end response. Your subwoofer is finished in a non-obtrusive black veneer that will blend into and complement any decor. Now that you know a little more about your new subwoofer, let the Bass begin!

## Hookup

### Inputs:

Your subwoofer features stereo line-level RCA inputs and full-range outputs for use in 2.1-channel applications or for stereo subwoofer setups. Left and right channel information is summed to mono for subwoofer output. A pre-filtered LFE signal may be sent to the subwoofer from a home theater receiver. For this, switch the Crossover Bypass switch from Normal to Bypass and connect the subwoofer cable to the white Left/Mono input.

### Outputs:

The line level RCA outputs provide a full-range output and can be used to "daisy chain" the line level signal to other amplifiers or subwoofers. The line out will only provide a signal when supplied with a line in, the amplifier will not convert from high to low level or vice versa.

## Controls

**Crossover Frequency Control:** Continuously variable from 40 to 140 Hz at 12 dB/octave. Set the frequency control to the low-end rolloff frequency of your speakers, or adjust to where they cannot be localized (typically in the 60 to 80 Hz range).

**Phase Control:** Adjustable between 0° to 180°. This aids in establishment the greatest amount of bass output based on location. To correctly set requires two people. One person should adjust the phase while a second person sits in the desired seating location and listens for the greatest amount of bass response.

**Power Switch (Auto On/Off):** When the power is in the auto position, the amplifier will automatically turn on when a signal is present. Note: In auto/off mode, the power on LED is always on (red), even when amp is in rest mode (off). The power LED will turn green when the unit is activated.

**Volume Control:** Adjusts the output level of the subwoofer. Set the level to where the bass frequencies blend with the other speakers. Note: Most people have a tendency to set the level too high which can make the bass sound overly "boomy." Make adjustments

## Room Placement

Your subwoofer will produce more apparent bass when it is placed in a corner. Choose a corner that is close to the component area and place it at the front of the listening area. See diagram.

## Specifications:

### HSU8:

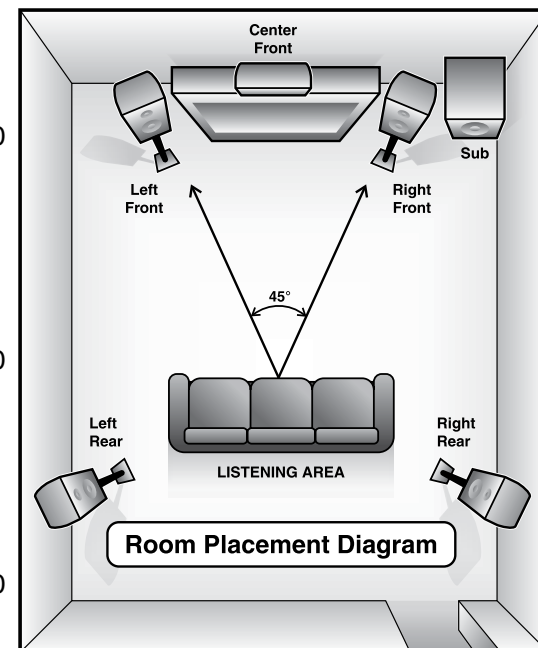
- 8" high-excursion woofer
- 100 watt RMS amplifier
- Frequency response: 30-180 Hz (-3 dB)
- Dimensions: 15-1/2" H x 11" W x 16" D.

### HSU10:

- 10" high-excursion woofer
- 150 watt RMS amplifier
- Frequency response: 25-180 Hz (-3 dB)
- Dimensions: 19" H x 14" W x 18" D.

### HSU12:

- 12" high-excursion woofer
- 250 watt RMS amplifier
- Frequency response: 20-180 Hz (-3 dB)
- Dimensions: 20" H x 15" W x 22" D.



## One Year Limited Warranty

*Dayton products are warranted for the period of one year. This warranty is limited to manufacturer defects, either in materials or workmanship. Dayton Audio is not responsible for any consequential or inconsequential damage to any other unit or component or the cost for installation or extraction of any component of the audio system.*

