SUB-100
10" Subwoofer System
Thank You for purchasing the Dayton Audio® SUB-100 10" Powered Subwoofer. It is the perfect addition to any home theater system. This powered sub features a front firing dual port bass reflex design for reduced port noise and increased bass response. It also utilizes a long throw 10" woofer and up to 125 watts of house shaking power. This compact sub is finished in a non-obtrusive black veneer that will complement any decor.

Hookup

Inputs:
There are line level RCA inputs and high level inputs. The line level inputs are used to connect pre-out or preamplifier outputs directly to the subwoofer amplifier’s internal crossover. These inputs are summed to mono. This is the preferred way to connect the subwoofer amplifier. If you have a mono line level signal from a “Pro Logic” or “Dolby digital” receiver use the right “red” input. If preamplifier outputs are not available, use the high-level (speaker) inputs. The speaker level inputs can be connected directly to the amplifier by inserting the speaker wire and screwing down the terminal on the wire or banana plugs can be inserted into the gold jacks.

Outputs:
There are also line level RCA outputs and high (speaker) level outputs. The line level (RCA) output provides a full range (20-20KHz) output and is used to connect “daisy chain” the line level signal to other amplifiers. Note: Line out is only active when a signal is present at the line-in input. Speaker level outputs are used to connect satellite speakers. The satellite outputs have a 12db high pass circuit (275 Hz @ 8 ohms).

Controls

Crossover Frequency Control: Continuously variable from 40Hz to 180Hz at 12dB/octave. Set the frequency control to where the audio does not sound “muddy”, normally between 60-80Hz.

Phase Switch: Selectable between 0° and 180°. This aids in subwoofer placement. The correct position will be the one that provides the most apparent bass output.

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 makes the audio sound “boomy”.

Room Placement
The SUB-100 Subwoofer System 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
Dimensions: 14-33/4" W x 16-3/4" H x 17-1/4" D
Frequency Response: 30Hz-180Hz
Voltage: 120VAC / 60Hz
Net weight: 40 lbs.

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.