

OWNER'S MANUAL

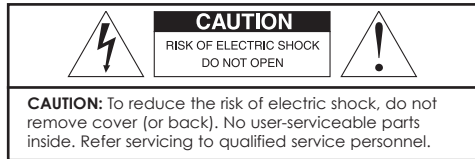
Vital Series

Powered Floor Standing Subwoofers



V12 250 Watt / V10 120 Watt / V8 80 Watt

SAFETY INSTRUCTIONS



• Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and other instructions should be followed.
5. **Water and Moisture** - To reduce the risk of electric shock, do not expose this apparatus to rain or moisture – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
6. **Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

PORTABLE CART
WARNING



7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** - The appliance should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.

APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR USAGE

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT, INSERT FULLY.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

10. **Power Source** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Power-Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
12. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
13. **Non use Periods** - The appliance coupler shall remain readily operable. The appliance coupler should be disconnected from the apparatus when left unused for a long period of time.
14. **Object and Liquid Entry** - Care should be taken so that objects do not fall into and liquids not spilled into the inside of the appliance.
15. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
 - a. The power-supply cord or the plug has been damaged; or
 - b. Objects have fallen onto, or liquid has been spilled into the appliance; or
 - c. The appliance has been exposed to rain; or
 - d. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - e. The appliance has been dropped, or the cabinet damaged.
16. **Servicing** - The user should not attempt to service the appliance beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.
17. **Grounding or Polarization** - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

INTRODUCTION

SpeakerCraft's V12 250 Watt, V10 120 Watt, V8 80 Watt Powered Subwoofers add accurate bass to any audio system, and are designed to work in conjunction with your other audio components. The V12/V10/V8 can be connected to any surround sound receiver that has a subwoofer output or any receiver that has a built-in preamplifier outputs.

PLACEMENT

For optimal performance, the V12/V10/V8 should be placed in a corner along the same wall as the front speakers. The units are not shielded, so do not place them too close to video devices. When choosing a place for the V12/V10/V8, please keep the following in mind:

DO:

- Place the V12/V10/V8 with the feet resting on a solid flat level surface.
- Place the V12/V10/V8 in a well-vented area to provide proper cooling. In areas that lack proper ventilation, such as tight cabinets or racks, it may be necessary to install small fans to create air movement.

DON'T:

- Obstruct the driver or ports of the V12/V10/V8 as that will hinder performance.
- Place the V12/V10/V8 in any position other than horizontal with the feet down. Never place on its side or resting on the back where the terminals are located.
- Place the V12/V10/V8 near heat sources or in an area that it would be exposed to moisture.

INSTALLATION

Voltage Selector (See Figure 1)

For use in the U.S., the V12/V10/V8 comes preset from the factory at 115V. For use in other countries, the voltage may be set at 230V. (Please note that an outlet adapter or alternate power cord may be required.)

Connecting the LFE and Line level Audio Inputs (See Figure 2)

If your surround sound receiver or amplifier has a dedicated subwoofer output, simply plug it into the LFE. If your receiver or amplifier has a built-in preamplifier, the left and right pre-outputs can be connected to the Left and Right Line Inputs. CAUTION: Only make connections when the V12/V10/V8 is turned off.

OPERATION

Once the V12/V10/V8 is connected, use the controls described below to make adjustments so that it will blend seamlessly with the other speakers in your system.

Phase Switch (See Figure 3)

Depending upon the placement of the subwoofer, relative to the main speakers, the Phase Switch may need to be in the 0 or 180 position to facilitate the most seamless acoustic blend. Playing a variety of music, listening position, with the switch in both positions, choose the one that yields the most pleasing results.

Power Switch (See Figure 3)

This switch sets the power mode of the V12/V10/V8. Select "On" or "Off" to turn the system on or off. Selecting "Auto" will automatically turn the V12/V10/V8 on when it receives an audio signal from your system. The subwoofer will automatically turn off within a 5 minute period when it stops receiving the audio signal.

Crossover Knob (See Figure 3)

Use this control to adjust the upper frequency limit of the V12/V10/V8, to control the overlap of the upper frequencies of the V12/V10/V8 and the main speaker's lower frequencies.

Volume Control (See Figure 4)

Use this control to match the output of the V12/V10/V8, to that of the main speakers in the system. We recommend that you play a variety of material before selecting a setting. Start with the control in the "Min" position (completely counterclockwise) and slowly turn it up.



Figure 1

Voltage Selector



Figure 2

LFE and Line Level Inputs



Figure 3

Phase Switch / Power Switch /
Crossover Knob/ Volume Level Knob

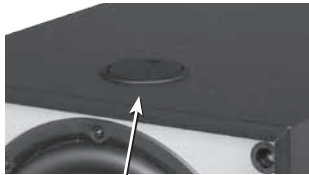


Figure 4

Volume Control

TROUBLESHOOTING

The V12/V10/V8 Power Subwoofers are designed to function trouble-free. Most problems occur because of operating errors. If you have a problem, please check the troubleshooting list first. If the problem persists, contact Tech Support at 1-800-448-0976 or email us at techsupport@speakercraft.com.

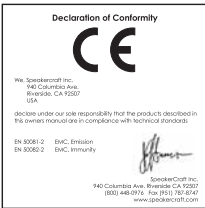
The Problem	Possible Causes and Solutions
No sound is heard.	Audio cable to the amplifier is not connected properly. Check this and other system component manuals to be sure of proper connections. The cable is bad. Use another cable that you know is good. Loose or frayed wires. Check for solid, clean connections on all speaker wire terminals.
A hum or buzzing sound is heard.	The sound may be caused by a ground loop in the system. Try to eliminate this by reversing the AC plugs of other components in the system. Try plugging the amplifier into another outlet. Other causes may include faulty cables.
The amplifier will not turn on.	There may be AC power problems. Check the AC circuit and plugs. Be sure the power switch is turned on. Audio cable to the amplifier is not connected properly. Check this and other system component manuals to be sure of proper connections. The cable is bad. Use another cable that you know is good. Loose or frayed wires. Check for solid, clean connections on all speaker wire terminals.

SPECIFICATIONS

	V12	V10	V8
System Configuration:	Powered Subwoofer	Powered Subwoofer	Powered Subwoofer
Woofers:	12" Long Throw Treated Paper Cone Woofer with Butyl Surround	10" Long Throw Treated Paper Cone Woofer with Butyl Surround	8" Long Throw Treated Paper Cone Woofer with Butyl Surround
Power Output:	250 Watts	120 Watts	80 Watts
Frequency Response:	28Hz - 150Hz	32Hz - 150Hz	45Hz - 150Hz
Crossovers:	45Hz - 150Hz	45Hz - 150Hz	45Hz - 150Hz
Hook Ups:	RCA Line Level	RCA Line Level	RCA Line Level
Additional Features:	Auto On, Anti-clipping Circuitry, Detachable Power Cord, User Accessible Fuse	Auto On, Anti-clipping Circuitry, Detachable Power Cord, User Accessible Fuse	Auto On, Anti-clipping Circuitry, Detachable Power Cord, User Accessible Fuse
Cabinet:	Black Vinyl with Wood Grain Finish	Black Vinyl with Wood Grain Finish	Black Vinyl with Wood Grain Finish
Dimensions H x W x D:	19" x 15" x 16 1/2" (483mm x 381mm x 419mm)	16 3/4" x 13 1/4" x 16" (425mm x 337mm x 407mm)	12 1/2" x 10 3/4" x 15 1/4" (318mm x 273mm x 388mm)
Weight:	44lbs. (19.96kg)	35lbs. (15.88kg)	24lbs. (10.89kg)

* Add 13/16" (21mm) for feet & 4" (102mm) for rear panel connectors

In our attempt to constantly improve our products, features and specifications are subject to change without notice.



LIMITED TWO YEAR WARRANTY

SpeakerCraft Inc. warrants to the original retail purchaser only that this SpeakerCraft product will be free from defects in materials and workmanship for a period of two years, provided the product was purchased from a SpeakerCraft Authorized Dealer.

Defective products must be shipped, together with proof of purchase, prepaid insured to the SpeakerCraft Authorized Dealer from whom they were purchased, or to the SpeakerCraft factory at the address listed on this installation instruction manual. Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk or loss or damage in transit is to be borne by the purchaser. If, upon examination at the Factory or SpeakerCraft Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this warranty period, SpeakerCraft or the SpeakerCraft Authorized Dealer will, at its option, repair or replace this product at no additional charge, except as set forth below. If this model is no longer available and can not be repaired effectively, SpeakerCraft, at its sole option may replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, SpeakerCraft assumes no responsibility or liability for such modification. All replaced parts and product become the property of SpeakerCraft Inc. Products replaced or repaired under this warranty will be returned to the original retail purchaser, within a reasonable time, freight prepaid.

This warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product which has not been authorized or approved by SpeakerCraft. This warranty also excludes normal cosmetic deterioration caused by environmental conditions. This warranty will be void if the Serial number on the product has been removed, tampered with or defaced.

This warranty is in lieu of all other expressed warranties. If the product is defective in materials or workmanship as warranted above, the purchaser's sole remedy shall be repair or replacement as provided above. In no event will SpeakerCraft be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if SpeakerCraft Inc. or a SpeakerCraft Inc. Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply.

All implied warranties on the product are limited to the duration of this expressed warranty. Some states do not allow limitation on the length of an implied Warranty. If the original retail purchaser resides in such a state, this limitation does not apply.

