

# SUBWOOFERS

OWNER'S MANUAL



## IMPORTANT! PLEASE READ THESE INSTRUCTIONS CAREFULLY!

**READ INSTRUCTIONS** — All safety and operating instructions should be read before operating the device and should be retained for future reference.

**HEED WARNINGS** — All warnings on the device and in the operating instructions should be adhered to.

**WATER AND MOISTURE** — The device should never be used in, on or near water due to the risk of fatal shock.

**HEAT** — Never locate the device near heat sources such as a radiator, floor register, stove or other heat generating devices.

**VENTILATION** — The device should always be located in such a way that it maintains proper ventilation. It should never be placed in a built-in installation or anywhere that may impede the flow of air through its heat sink or ventilation openings.

**DANGEROUS ENTRY** — Care should be taken that no foreign objects or liquids fall or are spilled inside the device.

**POWER SUPPLY** — The device should only be connected to a power supply of the type described in the operating instructions or as marked on the device.

**POWER CORD PROTECTION** — Power cables should be routed so they are unlikely to be stepped on or crushed by items placed on or against them. Pay special attention to where the plug enters a socket or fused strip and to where the cord enters the device.

**PERIODS OF NON-USE** — The device should be unplugged from the wall outlet when it is not in use for extended periods.

**WALL AND CEILING MOUNTING** — The device should be mounted on a wall or ceiling only as recommended by the manufacturer.

**DAMAGE REQUIRING SERVICE** — The device should be serviced by an authorized service center when:

1. The plug or power supply cord has been damaged.
2. Objects have fallen or liquid spilled inside of the device.
3. The device has been exposed to moisture.
4. The device does not appear to be operating properly or exhibits a marked change in performance.
5. The device has been dropped or the cabinet has been damaged.

**SERVICE** — Due to risk of shock and other hazards, all servicing should be referred to qualified personnel.

**IMPORTANT!** Promptly inspect your speakers for any shipping damage that may have occurred during transit. If you discover any concealed shipping damage, please report it to your dealer or the shipping company responsible for your product's safe transit. Keep all original cartons and packing material for future safe transport.

THIS SYSTEM IS CAPABLE OF GENERATING SOUND LEVELS WHICH MAY INJURE HEARING IF OPERATED AT OR NEAR FULL POWER INPUT. IF THE LEVEL OF SOUND CAUSES ANY DISCOMFORT, YOU SHOULD TURN THE VOLUME DOWN IMMEDIATELY.

## POSITIONING YOUR POWERED SUBWOOFER

Klipsch powered subwoofers are designed to reproduce the deep bass and impact that really makes your movies and music come alive. For optimum performance, Klipsch suggests placing your subwoofer in a corner of the room on the same wall as your front channel speakers. Refer to Figure 1 for placement. Please note that room placement can have a dramatic effect upon the performance of your powered subwoofer. Corner placement, as suggested above, will increase the amount of bass. Placing the subwoofer along the middle of a wall, or out in the room will decrease the amount of bass output. We suggest that you experiment with a number of different placement options and control settings to find the ones that best suit your particular room and taste. When choosing your subwoofers' location, keep in mind that you will need to connect the subwoofer's built-in amplifier to an AC power outlet.

## CONNECTING YOUR POWERED SUBWOOFER TO YOUR ELECTRONICS

**LINE LEVEL CONNECTIONS AND CONTROLS** — Using a line level RCA subwoofer cable, connect the Subwoofer/LFE/Low Pass output of your electronics to the subwoofer via the RCA jack inputs on the subwoofers' rear panel. Refer to Figure 2. For more information on the controls mentioned in this manual and on bass management, see your dealer or [www.klipsch.com](http://www.klipsch.com).

**LINE IN** — This input is designed as a general purpose input for the subwoofer. Depending upon the position of the "Low Pass Enable/Disable" switch, this input can either be filtered by the built-in Low Pass (LP) crossover, or unfiltered for use as an LFE Input with an external crossover.

**LINE OUT** — This sends an unfiltered line level signal out for connection to a second RSW series subwoofer or for connection back to your electronics if necessary.

**LOW PASS ENABLE/DISABLE** — This switch routes the signal of the "Line In" jack in one of two ways. In the "Enable" position, the input signal is routed through the "Low Pass Crossover" allowing the user to select the upper-frequency cut-off of the subwoofer. In the "Disable (LFE Mode)" position, the signal bypasses the "Low Pass Crossover." This allows the "Line In" jack to be used as an unfiltered LFE input. In this case, the "Line In" input jack should only be connected to the filtered LFE (L1) subwoofer channel output of your digital surround electronics as this input is not filtered by the "Low Pass" control.

**LOW PASS (LP) CROSSOVER** — The crossover allows the user to select the upper-frequency cut-off of the subwoofer. The frequency is selectable from 40-120Hz. Frequencies above the set level are filtered out, allowing you to blend the subwoofer's output into your main speakers.

**VOLUME LEVEL CONTROL** — The "Volume Level Control" is mounted on the side of the speaker enclosure and serves as an overall volume control for the subwoofer. It is used to match the output level of the sub to your main speakers.

**POLARITY 0/180** — This control is used to acoustically match the subwoofer's output to your main speakers. You want to select one of the two positions, either the 0 or 180, in which your sub has more output at your listening position.

**AUTO ON ENABLE/DISABLE** — With the main power switch in the "On" position, selecting "Auto On Enable" allows the sub to turn on automatically when it senses an input signal. It will automatically go to standby mode after 20 minutes with no signal input. Selecting "Auto On Disable" means that the subwoofer will always be on regardless of the presence or lack of an input signal. Klipsch powered subwoofers have an LED that indicates power status of the built-in amplifier on the bottom of the front panel. The LED is RED when the amplifier is in standby mode, and GREEN when it is on and receiving a signal.

**POWER ON/OFF** — This switch serves as the main AC power switch for the subwoofer. If the "Off" position is selected, the unit will not turn on at all. If the "On" position is selected, the subwoofer will either be in the always on or auto on mode, depending upon the position of the "Auto On Enable/Disable" switch.

## CARE AND CLEANING OF YOUR POWERED SUBWOOFER

Your new subwoofer has a durable vinyl finish (RSW-10 & RSW-12) or real wood veneer finish (RSW-15) that should only require dry dusting or cleaning with a damp cloth. Avoid the use of abrasive or solvent-based cleaners and harsh detergents. (If desired, furniture polish could be used as an additional care method for the real wood veneer finish on the RSW-15.) The brush attachment of your vacuum or a slightly damp sponge should remove any dust from your speaker grille.

## WARRANTY — UNITED STATES AND CANADA ONLY

KLIPSCH, L.L.C. ("KLIPSCH") warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of five (5) years from the date of purchase. During the Warranty period, KLIPSCH will repair or replace (at KLIPSCH's option) this product or any defective parts (excluding electronics and amplifiers). For products that have electronics or amplifiers, the Warranty on those parts is for a period of two (2) years from the date of purchase.

To obtain Warranty service, please contact the KLIPSCH authorized dealer from which you purchased this product. If your dealer is not equipped to perform the repair of your KLIPSCH product, it can be returned, freight paid, to KLIPSCH for repair. Please call KLIPSCH at 1-800-KLIPSCH for instructions. You will need to ship this product in either its original packaging or packaging affording an equal degree of protection.

Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the Warranty period, must be presented or included to obtain Warranty service.

This Warranty is invalid if (a) the factory-applied serial number has been altered or removed from this product or (b) this product was not purchased from a KLIPSCH authorized dealer. You may call 1-800-KLIPSCH to confirm that you have an unaltered serial number and/or you purchased from a KLIPSCH authorized dealer.

This Warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party.

This Warranty does not cover cosmetic damage or damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of, the product. This Warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than KLIPSCH or a KLIPSCH dealer which is authorized to do KLIPSCH warranty work. Any unauthorized repairs will void this Warranty. This Warranty does not cover product sold AS IS or WITH ALL FAULTS.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. KLIPSCH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

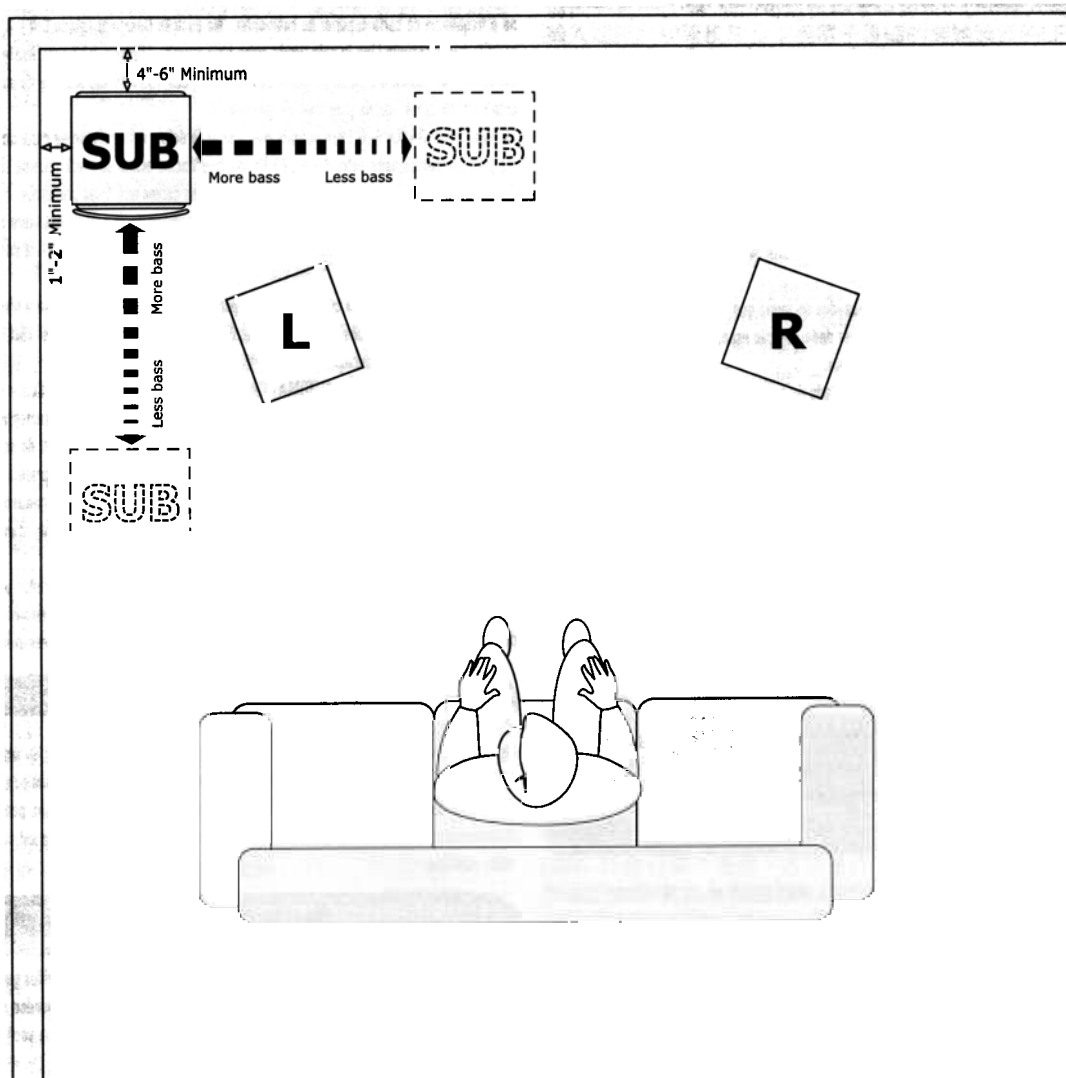
Some states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the above exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

## WARRANTY OUTSIDE THE UNITED STATES AND CANADA

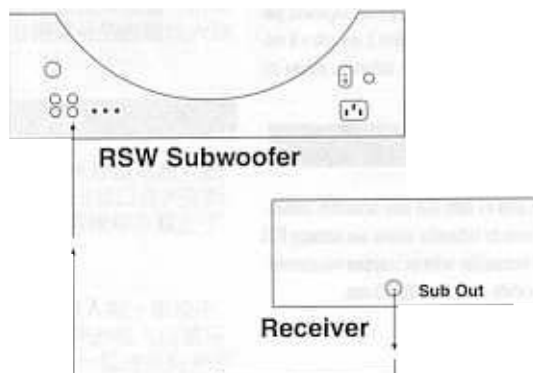
The warranty on this product if it is sold to a consumer outside of the United States or Canada shall comply with applicable law and shall be the sole responsibility of the distributor that supplied this product. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.

**FIGURE 1**

# CORNER PLACEMENT



**FIGURE 2**



Cut along dotted line and mail.

**REGISTER ON LINE AT WWW.KLIPSCH.COM!**

For multiple speaker purchases, please fill out only one warranty card.

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Work Phone: \_\_\_\_\_

Would you like to receive the latest product updates and news via e-mail?  Yes  No

**Product Purchase**

Model and serial number must be included to honor your warranty card. For multiple speaker purchases, please fill out only one warranty card.

Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Model \_\_\_\_\_ Serial Number \_\_\_\_\_

**What store did you purchase your Klipsch products from?**

Store Name: \_\_\_\_\_ State: \_\_\_\_\_

How did you hear about Klipsch?  Audio/Home Theater Magazine  Other Magazine  TV  Radio  Newspaper

Trade Show  Friend  Retail Dealer  Direct Mail

Have you purchased Klipsch products before?  Yes  No

If yes, what products?

Product Name(s): \_\_\_\_\_

When do you hope to purchase additional loudspeakers?  6 mos. - 1 yr.  1-2 yrs.

How likely are you to consider Klipsch products for your upcoming purchases?  Very likely  Somewhat likely  Doubtful

If doubtful, why?  Don't carry product I'm looking for  Too expensive  Klipsch dealer too far away  Other

**Please tell us about you!**

Married  Single  Student  Male  Female

Age:  15-17  18-24  25-35  36-45  46-55  56-64  65+

Annual Household Income:  Under \$25,000  \$25-35,000  \$35-50,000  \$50-75,000  \$75-100,000  \$100,000+



3502 Woodview Trace, Suite 200  
Indianapolis, Indiana 46268  
1-800-KLIPSCH • [www.klipsch.com](http://www.klipsch.com)

Make sure you return your warranty card or register online at [www.klipsch.com](http://www.klipsch.com) so that we may keep you up-to-date on new Klipsch products and promotions. As always, if you have any questions, contact your local authorized Klipsch dealer.

For your records:

- RSW - 10
- RSW - 12
- RSW - 15

Date Purchased:

Serial No.: \_\_\_\_\_

Klipsch Audio Technologies  
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