



LIGHT[®] Speaker

Patented

State-of-the-art LIGHT & SOUND

One LightSpeaker[®] 5 installs in 15 minutes or less!



OWNER'S MANUAL

Note: The LightSpeaker[®] is an add on unit to an existing LightSpeaker[®] System. You need a LightSpeaker[®] Transmitter to supply audio and control the lights on this unit. The Transmitter and Remote discussed in the manual are sold separately.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user 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.

Le symbole de l'éclair fléché dans un triangle équilatéral, a pour but d'avertir l'utilisateur de la présence non isolées d'une «tension dangereuse» dans le boîtier du produit que mai d'une magnitude suffisante pour constituer un risque d'électrocution pour les personnes.



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

Le point d'exclamation dans un triangle équilatéral sert à alerter l'utilisateur de la présence d'importantes exploitation et de maintenance (entretien) dans la documentation accompagnant l'appareil.

Caution marking is located at the side of the apparatus.
Attention marquage est situé sur le côté de l'appareil.

CAUTION: Risk of Electrical Shock - Use in Dry Locations Only

ATTENTION: Risque de Choc Électrique - Utiliser Seulement Dans des Endroits Secs

CAUTION: To reduce the risk of electric shock, do not remove cover [or back]. No user servicable parts - refer servicing to qualified service personnel only.

ATTENTION: Pour réduire le risque de choc électrique, ne pas retirer le couvercle (ou l'arrière). Non utilisateur servicable parts - confier l'entretien de service qualifié seul le personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

AVERTISSEMENT: Pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.



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IMPORTANT SAFETY INSTRUCTIONS

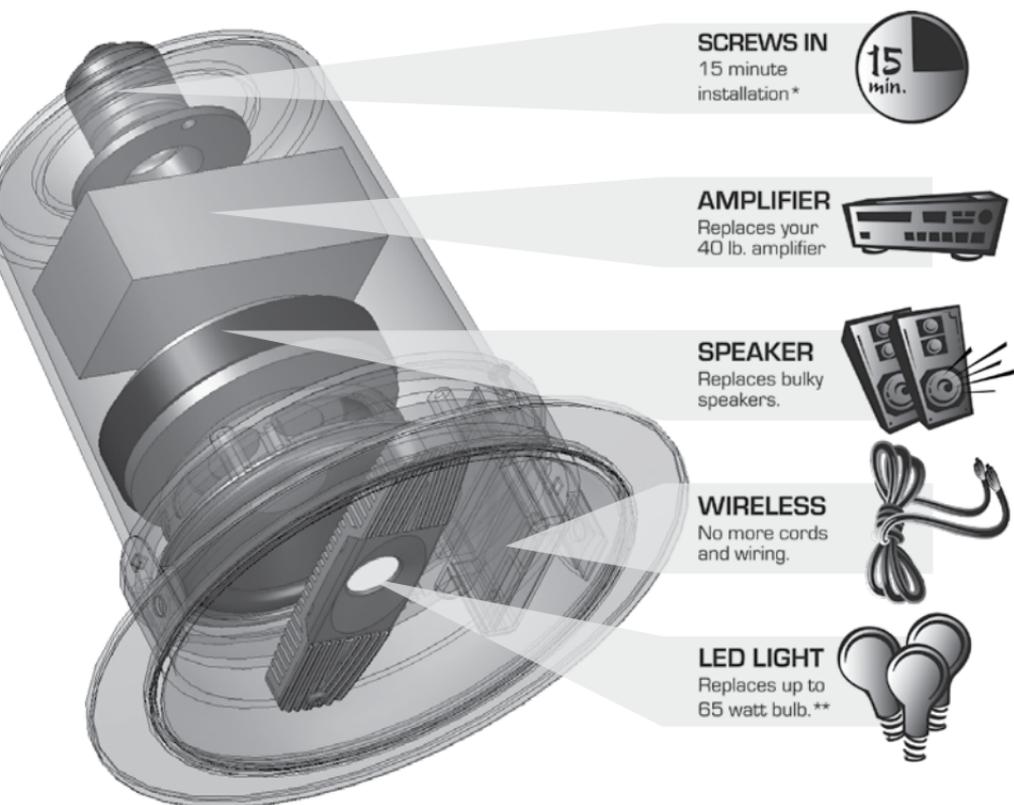
1. Read these instructions. Keep these instructions. Heed all Warnings. Follow all instructions.
2. Do not use this apparatus near water. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. The lamp holder is used as disconnect device. The lamp holder of apparatus should not be obstructed OR should be easily accessed during intended use. To completely disconnect the power input, the lamp holder of the apparatus shall be disconnected from the mains.
7. Only use attachments/accessories specified by the manufacturer.
8. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
9. Added weight of the device may cause instability of a free-standing portable lamp. Use only with portable table lamps in which the distance from the bottom of the base to the top of the lampholder does not exceed three (3) times minimum base width. Use only with portable table lamps which are provided with lamp shades" or the equivalent.
10. This device is not intended for use with emergency exit fixtures or emergency exit lights
11. NOT FOR USE WHERE EXPOSED TO THE WEATHER
NE PAS EXPOSER AUX INTEMPÉRIES
12. NOT FOR USE IN TOTALLY ENCLOSED RECESSED LUMINAIRES
NE PAS INSTALLER DANS DES LUMINAIRES ENCASTRÉS COMPLÈTEMENT FERMÉS



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Congratulations

Thank you for choosing a LightSpeaker® 5 from Klipsch®. You have chosen one of the most unique, patented, audio systems in the world. With proper installation and operation, you will enjoy years of trouble-free use. Klipsch® sells numerous loudspeakers for use inside or outside your home. For the complete Klipsch® product line, visit the Internet at: www.klipsch.com.





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LightSpeaker® 5 Overview

This wireless LightSpeaker® 5 is intended to install into any home easily and without any expensive and complicated wiring. You can install a unit in your home in a few minutes and not have to worry about repairing walls or ceilings. Plus there is no climbing into attics or wriggling into crawl spaces!



LightSpeakers® deliver great sound into any room in your house, using your existing wiring and your recessed lighting fixtures. The LightSpeaker® 5 installs in a standard 5" or 6" recessed ceiling light fixture common in most homes. It will replace a standard light bulb (R-30 or R-40). This unique patented LightSpeaker® has full bandwidth audio and "green" lighting together in one small package.

Your part of what makes this possible is the use of a 10W LED to provide the equivalent light bright enough to replace a 60W incandescent bulb while using 80% less power than the light bulb it replaced. Consider also that you may never have to replace this light; an operating life of 25,000 to 40,000 hours means that with average use this light should easily last 15 to 25 years.

Remote and transmitter sold separately.



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Your system can use up to 8 LightSpeakers® to provide audio and lighting to your entire home. You can even divide your home into two unique areas where different music sources, sound and lighting control allow you to add music with integrated “green” lighting to places you only dreamed of having it before.

There’s no wiring and no big (or small) boxes. The wireless transmitter can be centrally located which will provide audio and, together with the remote, allow you to control your LightSpeakers® from anywhere in your home. To expand your system, additional LightSpeakers® or wireless RockSpeakers are available at www.klipsch.com.

This incredible patented system provides even greater flexibility to you as the owner; since you can take this system with you if you move; and when you do, it leaves no trace (holes that need to be covered) that the system was ever installed and used.

Take just a minute to be sure you have everything you need to install your additional wireless distributed audio LightSpeaker® 5 from Klipsch®.



Large & Small Trim Rings



Lens



LightSpeaker® 5

Note: The LightSpeaker® 5 is an add on unit to an existing LightSpeaker® System. You need a LightSpeaker® Transmitter to supply audio and control the lights on this unit. The Transmitter and Remote discussed in the manual are sold separately.

Instruction Manual

Step 1: Decide which light will be replaced with LightSpeaker® 5.

Your Klipsch® LightSpeaker® 5 has been specifically designed to cover large areas, however if the location of your fixtures allow you to do so, you should think about how you use your room and where you are likely to spend most of your time. Then choose the fixtures that are most evenly spaced to your preferred listening position.



WARNING!

Turn off circuit breakers to all lighting fixtures you are working on!

A) Turn off the circuit breaker and light switch, to the bulb you intend to replace with a LightSpeaker® 5.

B) Remove the existing light bulb.

Step 2: Check your connector type. Your Klipsch® LightSpeaker® 5 is designed to fit into a standard Edison connector. It will not fit any other type connector.



STOP!
Check your connector!



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Step 3: Test fit your LightSpeaker® 5.

Your LightSpeaker® 5 is designed to fit directly into most 5" (R30) and 6" (R40) down light cans by simply removing the existing light and, in the same manner as a light bulb, re-installing your LightSpeaker® 5 in its place. You may simply test fit your LightSpeaker® 5.

If your LightSpeaker® 5 fits directly into your recessed lighting fixture without any modifications you can skip forward to **Step 6**.

If your LightSpeaker® 5 does not fit either because the trim ring/reflector opening is too small or the lighting fixture is not set deep enough, please go to www.klipsch.com or refer to your Complete System Manual.

Step 4: Installing the trim ring.

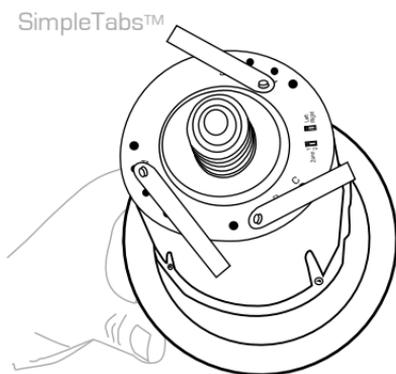
Your LightSpeaker® 5 comes with their own integrated trim ring. There are two different sizes. Choose your trim ring based on either A or B below and place the LightSpeaker® 5 trim ring over the back of the LightSpeaker® 5. Be sure the finished side is facing out. Upon completion of the install, this trim ring should fit snugly and uniformly to the ceiling and should also seat properly around the entire edge of your LightSpeaker® 5.

A) The thicker trim ring will be used when your LightSpeaker® 5 is installed into a 6" lighting fixture.

B) The thinner one is used when installed into a 5" fixture. As long as the trim ring covers the edges of the lighting fixture and any rough drywall edges you may use either trim ring; it will not affect the performance of your LightSpeaker® 5.

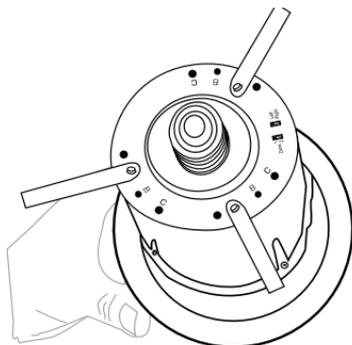
Step 5: Adjusting the SimpleTabs™.

Your LightSpeaker® 5 is equipped with a unique mounting system. The three SimpleTabs™, on the back of the speaker can be rotated outward and when the LightSpeaker® 5 is pressed into the housing, hold it centered and securely in place.

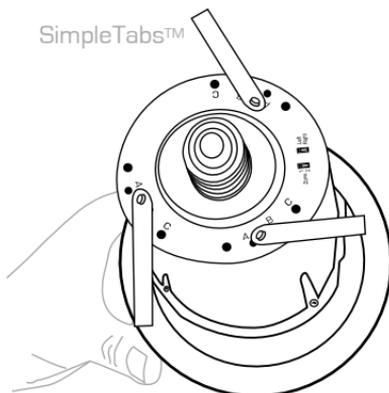


You will now adjust the Simple Tabs™ on the back of the LightSpeaker® 5 to either A (6" recessed light fixture) or B (5" recessed light fixture).

If you are installing into a 5" recessed lighting fixture, rotate each of the SimpleTabs™ out to position "B" on the top of the LightSpeaker® 5 unit.



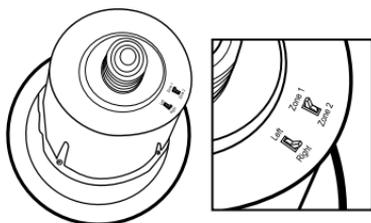
If you are installing into a 6" recessed lighting fixture, rotate each of the SimpleTabs™ out to position "A" on the top of the LightSpeaker® 5 unit.



Step 6: Setting the Zone and L/R Stereo Switches.

A) Set the zone switch on the back of the LightSpeaker® 5 to one, unless you are setting up a two zone system. For more on zones see Complete System Manual or go to www.Klipsch.com.

B) Set the left/right stereo switch. “L” if it is the left speaker, “R” if it is the right speaker. For additional information see Selecting LightSpeaker® 5 Locations on page 16.



C) Your LightSpeaker® 5 system allows you to install up to 4 pair of (or 8 total) speakers. If you are installing more than one pair of LightSpeakers® 5 you will probably want to divide your home into zones. See Complete System Manual or go to www.Klipsch.com.

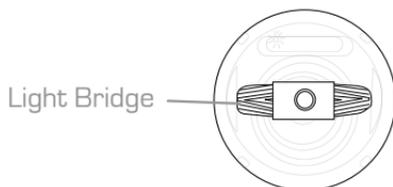
Step 7: Installing your LightSpeaker® 5 into the recessed light fixture:

A) Easiest Install: If you skipped steps 4 and 5, and your LightSpeaker® 5 fits with no modifications, screw it into the lighting fixture. Test your circuit by turning on the circuit breaker and light switch from Step 1. If the LED light does not come on after 5 seconds remove and reinstall the LightSpeaker® 5, check your circuit breaker and try the switch again. You can now skip to Step 9.

B) Simple Tab Install: If you did not skip steps 4 and 5, here's how to use the SimpleTabs™ to install your LightSpeaker® 5:

1) Grasp the Edison Socket with one hand, and with the other hand screw the LightSpeaker® 5 into the socket on the pigtail. Be careful: Always turn the speaker not the socket. Turning the socket will twist up the pigtail and put unneeded stress on the connection.

2) Grasp the LightSpeaker® 5 by the light bridge (see section titled “Removing the Lens” below) and while holding it level and steady, firmly push it back into the lighting fixture. It is not necessary to use the light bridge to install LightSpeaker®, so do so only if you find it helpful.



3) Be certain this trim ring contacts the ceiling uniformly all of the way around your LightSpeaker® 5 and that the LightSpeaker® 5 itself is seated securely into the electrical socket.

Removing your LightSpeaker® 5 from a recessed lighting fixture.

Remove the lens (See Installing and Removing the Lens), and while pushing up lightly applying a 1/4 turn in a clockwise direction. Gently pull down on the light bridge. See “Removing the lens” below.

Step 8: Pairing The Transmitter to the speakers: See Complete System Manual or go to www.Klipsch.com.

Step 9: Enjoy your Lightspeaker®!

Installing and Removing the Lens:

A) Removal BEFORE your LightSpeaker® 5 is installed.

- 1)** While holding the LightSpeaker® 5 in the palm of your hand rotate the unit until one of the holding tabs is facing up.
- 2)** Using a common screwdriver or other small flat object, gently push down and then out on the tab, easing it out through the opening in the LightSpeaker® 5 housing.

CAUTION: Do not touch the LED or Speaker Baffle with the lens off when the unit is hot, allow the unit to cool down before touching the baffle.

- 3)** When the lens pops up, gently pry it away from the housing, being gentle and making sure not to break the tabs.





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B) Removal of the lens **AFTER** your LightSpeaker® 5 has been installed.

1) There are three small indentations around the lens; with a small tip common screwdriver, nail file, paper clip or similar object, gently slip the tip into the indentation and pry the lens outward until the retaining tabs pull free.

2) To re-install the lens, align the tabs and the hole for the pairing LED, then push gently until the locking tabs snap into place.

CAUTION: Do not touch the LED or Speaker Baffle with the lens off when the unit is hot, allow the unit to cool down before touching the baffle.



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Selecting LightSpeaker® 5 Locations

Survey your home to determine the location of 5" and 6" recessed lighting fixtures. As long as these are wired to the home's electricity through a common light switch, they should work perfectly.

If you have multiple locations within one room, try to space the speakers as far as part as possible, this will provide the best stereo image and the best sound. In general, the maximum spacing of the speakers is determined by ceiling height.

Using the table below, try to space speakers at the distances stated to or closer together. If you cannot place them closer than the recommended maximum spacing, do not worry, your sound quality will still be good. In some large rooms you may need more than one pair of speakers.

Ceiling Height	Recommended Max Speaker Spacing
8'	8'
10'	13'
12'	20'
14' & higher	25'



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LED Light

- 10W super bright LED provides a sharp crisp light that is easy on the eyes.
- LED outputs the light suitable to replace up to a 60W incandescent bulb
- Long Lasting LED is rated for over 25,000 to 40,000 hours of use (15 to 20 years average use)
- LED Light is fully dimmable and is controlled from either the remote or the light button on the transmitter

Wireless Transmitter

Receives a 2.4 GHz wireless stereo signal broadcast from the Transmitter and depending on the zone assigned to the speaker and the left or right audio channel selected, the receiver sends the correct signal to each LightSpeakers® on-board digital amplifier.

Digital Amplifier & Switch Mode Power Supply

- The E26 standard Edison Screw allows the unit to attach to any standard light fixture socket.
- The high efficiency switch mode power supply delivers power to the LED and the digital amplifier without generating a lot of heat.
- 20W high performance low distortion digital amplifier provides energy efficient sound
- The on-board Digital Signal Processing delivers customized audio to each LightSpeaker® giving big speaker sound in a small speaker.



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Loud Speaker

- 2.5" high performance custom engineered woofer with Micro Cellulose Polymer treated cone material provides even coverage and smooth natural sounding audio reproduction
- Integrated high frequency disperser.

Accessories

- Optional flange allows LightSpeaker® to fit into either 5" (R30) or 6" (R40) recessed lighting fixtures.
- Frosted Lens is acoustically transparent

5" LightSpeaker® Specifications

Woofer 2.5" Micro Cellulose

Light Brightness 10W LED

Wireless Reception 2.4 GHz proprietary signal

Frequency Response (+/- 3 dB) 90 Hz - 20 kHz

Amplifier Power 20W

Max SPL 93 dB SPL

Dimensions

LightSpeaker® depth (w/out Edison Screw) 5.3" (135.3 mm)

LightSpeaker® diameter (without Flange) 5.1" (130.0 mm)

LightSpeaker® diameter (with Flange) 7.2" (182.8 mm)

Depth without socket - no lens 5.5" (140.0 mm)

Depth with Socket - no lens 6.6" (167.2 mm)

Depth without socket with lens 6.1" (153.8 mm)

Depth with Socket with lens 7.1" (181.0 mm)

OD of 6" Flange 7.6" (192.0 mm)

OD of 5" Flange 6.7" (171.2 mm)

Weight 2.51 lbs (1.14 kg)



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Possible causes of interference with your LightSpeaker® 5

A) Metal studs, in fact any metal wall material, can cause the signal to be diminished or lost. This may also be a problem if your wall paper happens to be a foil type or have metal fibers in it.

B) Microwave ovens, when operating, may degrade or interrupt the signal from your transmitter. Usually this will only be a problem for those speakers in close proximity to the microwave. For best results, do not locate the transmitter near your microwave.

C) Certain portable phones operating in the 2.4 Ghz range, wireless computer routers, and other consumer electronics and toys using 2.4 Ghz may cause interference when operated too close to either the transmitter or the speakers.



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Warranty - Home and Commercial Audio (U.S.)

The Warranty below is valid only for sales to consumers in the United States.

KLIPSCH, LLC ("KLIPSCH") warrants this product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of two (2) years from the date of purchase for the LED light and one (1) years from the date of purchase for the rest of the components. 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 one (1) year 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 from an authorized dealer, 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.



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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.

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.

Questions? Call us!

Have a question about your Klipsch speakers? Talk to the people who know them best! We're waiting to hear from you!

1-800-KLIPSCH

Email us!

If you prefer, your questions and comments can be submitted by email, too; you can count on rapid response and clear, concise answers.

support@klipsch.com

WRITE THE PART NUMBER AND SERIAL NUMBER FROM YOUR PRODUCT BOX HERE AND RETAIN FOR PRODUCT REGISTRATION

Part Number: _____

Serial Number: _____

**Register your product online
at www.klipsch.com/register.**



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THIS DEVICE COMPLIES WITH FCC RULES PART 15.

Operation is subject to the following two conditions:

- [1] this device may not cause harmful interference and
- [2] This device must accept any interference received including that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

THIS DEVICE COMPLIES WITH THE CANADIAN ICES-003 CLASS B SPECIFICATION

CET APPAREIL EST CONFORME AVEC LE CIEM-003 DU CANADA CLASSE B SPÉCIFICATION

CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

ATTENTION:

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à faire fonctionner l'équipement



LIGHT[®] Speaker

Klipsch Worldwide Corporate Headquarters
3502 Woodview Trace, Suite 200
Indianapolis, IN 46268

For more detailed installation instructions go to
www.klipsch.com

Klipsch Technical Support
Toll Free: 1-800-KLIPSCH (1-800-554-7724)
Monday - Friday, 8:00 AM - 5:30 PM EST
E-mail: technicalsupport@klipsch.com

If you want to expand your light and sound system to additional rooms, replace existing lights with LED lights only or enjoy the same music outdoors as well as indoors, visit www.klipsch.com.

Protected under multiple US and or international issued and pending patents



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