



REDIC6LCR

6.5" Angled LCR In-Ceiling Speaker (Single)

INSTALLATION INSTRUCTIONS

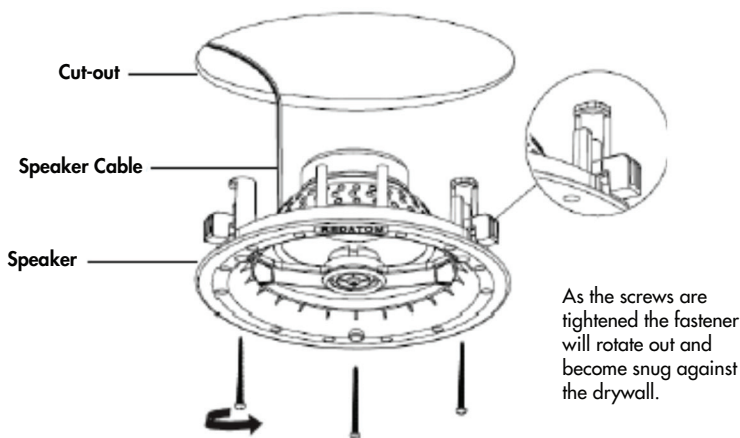
Retrofit Installation

Precaution: Locate existing pipes, duct work, and AC wiring prior to cutting any holes.

1. Center the cardboard template between adjacent joists. While avoiding all wiring, pipes, and duct work, lightly mark the outline with a pencil.
2. Use a keyhole/drywall saw or motorized spiral-cut tool to make a small opening to check for wiring, pipes, and duct work.
3. Score the outline of the template with a utility knife to prevent chipping. If dealing with lath and plaster or thick paneling, drill 1" (2.5 cm) holes in several places around the pencil outline.
4. Use a fine-toothed keyhole saw or hacksaw blade with slow strokes to saw through and remove the inner surface.

Safety Precaution:

Start by drilling shallow to avoid damage to wiring, pipes and ductwork.



Center the speaker in the cutout. Rotate the frame as needed before tightening the screws. Tighten the screws equally until the clamps secure the frame.

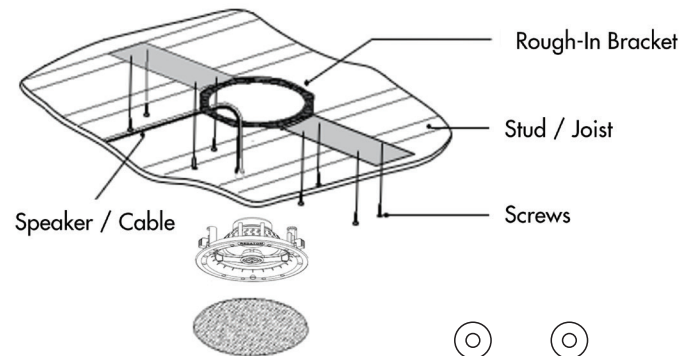
Do not overtighten.

Pre-wire or Pre-construction with mounting bracket

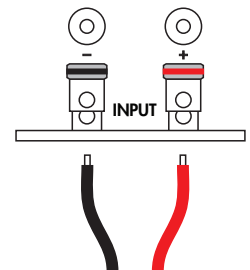
Precaution: Locate existing pipes, duct work, and AC wiring.

1. Route the speaker wire to the speaker location avoiding all obstacles.
2. REDATOM offers Speaker Rough-In Brackets (RED6KIT & RED8KIT) that can be fastened to the adjacent studs. Once the dry wall is installed, the opening is cut-out. There are holes molded into the bracket for speaker wire tie-off to keep the wire from being lost during construction.
3. Make sure the speaker cut-out (hole) doesn't extend further than 1/4" (0.6 cm) from the inside of the mounting bracket.

In-Ceiling Bracket Installation



Attach the speaker wires to the red (+) and black (-) speaker terminals. Connect the Positive (+) conductor to the red terminal and the Negative (-) conductor to the Black terminal. Make sure that there are no stray strands of wire touching the other conductor or terminal.



CONTOUR SWITCH INFORMATION

The REDIC6LCR speaker is designed to be used as either a *Left*, *Right* or *Center Channel*, and features a 3-Position *Treble* and *Dialogue* contour switch.

Treble Switch: adjusts the high frequency of the speaker in order to compensate for room acoustics when used as a *Left* or *Right* stereo speaker. The center position 0 has no effect. Moving the switch to -3 position reduces the tweeter output by 3dB in order to compensate for room acoustics. This is best used for rooms that have tile or wood floors, high ceilings and a small amount of furniture. Positioning the switch to +3 increases the tweeter output by 3dB in order to compensate for rooms that absorb sound, such as rooms with carpet, heavy drapery and plush furniture.



Dialogue Switch: best used when the speaker is installed as a *Center Channel* over or under a TV. When used in this application, its primary function is to emphasize the critical midrange frequencies where the human voice is reproduced in the sound track. There are three positions: 0 — which has no effect and is the best position when not being used as a *Center Channel* speaker; +3 — allows the midrange to increase by reducing the bass by 3dB; +6 — allows maximum midrange by reducing the bass by 6dB.



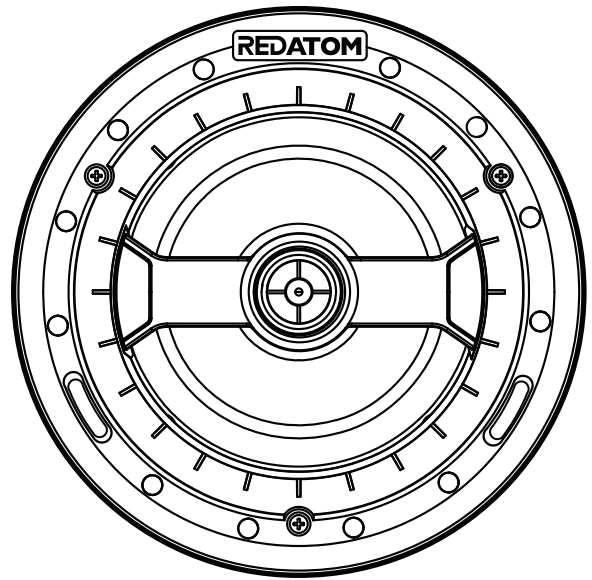
Adjustments are based on personal preference.

The speaker has a 0.75" Pivoting Tweeter that can be adjusted depending on the particular listening area, room acoustics, ceiling height, or personal preference. If additional treble is desired, point the tweeter toward this area. If less is desired, point it away. Push gently on the edge of the tweeter to point it in the desired direction.

REDIC6LCR

6.5" Angled LCR In-Ceiling Speaker (Single)

- Bezel-less Grille
- 6.5" (16.5cm) Polypropylene Cone with Butyl Rubber Surround
- 0.75" (1.9cm) Pivoting PEI Tweeter
- 6dB 1st Order Crossover
- Power Range: 5–100 Watts
- Freq. Response: 45Hz – 20kHz
- Sensitivity: 89dB @ 1w/1m
- Magnet Structure: 11 oz. Ferrite
- Impedance: 8 Ohm
- Treble Contour Controls: ± 3 dB
- Dialogue Contour Control: 0 +3dB +6dB
- Overall Dimensions: 9.13" dia. (23.2cm)
- Mounting Depth: 5.63" (14.3cm)
- Cutout Dimensions: 8.375" dia. (21.3cm)



Individual Carton: 1 each

Master Carton: 4 each

Master Dimensions (HxWxD): 21.85" x 11.22" x 13.39" (55.50cm x 28.50cm x 34.01cm)

Master Weight: 16.5 lbs. (7.48 kg)

Rough-In Kit: RED6KIT (Optional / Sold as a Pair)

WARRANTY INFORMATION

- This warranty applies to US residents who purchase from an authorized RED ATOM™ Dealer. RED ATOM™ is covered against defects in materials and workmanship for 1 year from date of purchase. RED ATOM™ will repair or replace the defective component or product, at its sole discretion.
- The above 1 year warranty will be extended for the life of any RED ATOM™ speaker installed by a qualified professional custom integrator following manufacturer specifications.
- **For warranty service:**
 - For RED ATOM™ speakers that were professionally installed, contact your installer directly.
 - For all other service requests, contact RED ATOM™ at info@redatomproducts.com.
- For all warranty service requests, you must supply a copy of your original receipt and installation service order if applicable. If your product must be shipped to RED ATOM™ for inspection, you will be responsible for the shipping charges. For warranty replacements, RED ATOM™ will ship product back to you for free.
- RED ATOM™ disclaims any liability for modifications, improper installations, installations over the specified weight range, or failure to follow care instructions provided by RED ATOM™. To the maximum extent permitted by law, RED ATOM™ disclaims any other warranties, expressed or implied, including warranties of fitness for a particular purpose and warranties of merchantability. RED ATOM™ will not be liable for any damages arising out of the use of, or inability to use, RED ATOM™.
- Failure to follow product care instructions from RED ATOM™ will result in void of warranty.