

PRO-16RC

6.5" In-Ceiling Speaker

TRUE REFERENCE ACOUSTICS

Using the same acoustic components and horn design as the highly acclaimed Reference box speaker line, the Professional Reference Architectural series perfectly combines the aesthetics of an architectural speaker with the pure performance and dynamic voicing of the Klipsch Reference series. With a 6.5" IMG woofer and a 1" Aluminum Dome tweeter mated to a round Tractrix® horn, the Pro-16RC brings dynamic, powerful, detailed Klipsch Reference sound to your distributed audio or home theater system.

SECUREFIT™ INSTALLATION SYSTEM

The exclusive modular installation system allows for the dog legs to be engaged by hand to a preset clamping force, eliminating the possibility of overtightening, which can lead to breaking the dog leg or cracking the drywall. The speaker module is then screwed to the bezel (using machine screws instead of traditional drywall screws) for a more robust, acoustically stable installation than the competition.

CONTROLLED DISPERSION TECHNOLOGY™

CDT technology allows for the tweeter and the woofer to be aimed up to 15° in any direction, helping to ensure on-axis frequency response at almost any listening position.

ALL NEW, BEZEL-FREE MAGNETIC GRILLE

A completely redesigned powercoated magnetic steel grille eliminates the bezel for seamless, pristine integration into the living space.

ROUND AND SQUARE GRILLES INCLUDED

Architectural speakers not only need to sound great, but blend in seamlessly with even the most luxurious interior designs. The Professional Series Reference Premiere in-ceiling speakers include both round and square grilles in the box, so they look great in any space right out of the box.

PVC PAINT SHIELD INCLUDED

Also included is a magnetic PVC paint shield that can be used to cover the speaker module to protect it from paint or construction dust during renovations or remodels.



SPECIFICATIONS

FREQUENCY RANGE	63Hz - 23kHz +/- 3dB
HIGH FREQUENCY DRIVER	1" (2.54cm) Aluminum Dome Tweeter mated to a round Tractrix® Horn
LOW FREQUENCY DRIVER	6.5" (16.51cm) IMG Woofer
SENSITIVITY	94 dB @ 2.83V / 1m
COVERAGE ANGLE	100°
POWER HANDLING	50W RMS / 200W Peak
IMPEDANCE	8 Ohm Compatible
ENCLOSURE MATERIAL/TYPE	ABS/Infinite Baffle
FINISH	Black Baffle/Frame, White Paintable Grille
PRODUCT DIMENSIONS	9.2" W x 9.2" H x 4.5" D (23.3cm H x 23.3cm W x 11.3cm D)
MOUNTING DEPTH	4.34" (11.03cm)
CUTOUT DIMENSIONS	8.3" (21.1cm)
PRODUCT WEIGHT	7 lbs (3.18kg)
INCLUDED IN BOX	Round Grille, Square Grille, Paint Shield
INSTALL KIT	IK-650-C II (Sold Separately)
FIRE RATED ENCLOSURE	ME-650-C (Sold Separately)
BUILT FROM	2017