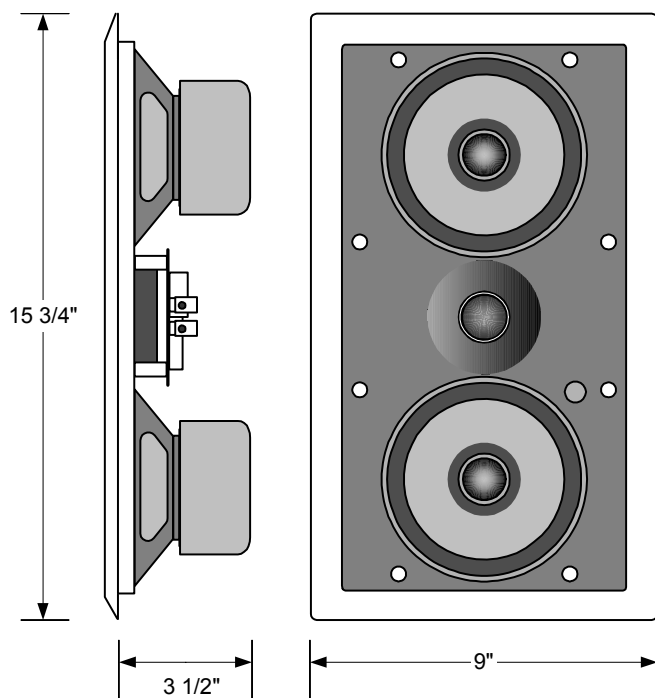


SPECIFICATIONS FOR ARCHITECTS AND ENGINEERS

TWO-WAY LCR DELUXE FLUSH-MOUNTED IN-WALL SPEAKER SYSTEM



(Cut-out Dimensions: 7 7/8" x 14 7/16")

SPECIFICATIONS

WOOFER:

Dual 5 1/4" long throw woven Kevlar cones with phase plug pole piece extensions and Kapton voice coil formers

TWEETER:

1" pivoting silk dome

POWER HANDLING:

50 Watts nom. / 100 Watts max.

SYSTEM IMPEDANCE:

8 Ohms

This speaker is a dual 5 1/4" electro-dynamic loudspeaker system designed to be flush mounted in a wall or panel. Two retrofit clamping rings for mounting into an existing wall are included. The mounting system enables unit to mount between standard 16" on-center studs in either horizontal or vertical orientation without wall modification. This speaker system is magnetically shielded making it suitable for left-center-right and all surround channel locations.

The loudspeaker mounts in an opening accessible from the front without access to the rear. The speaker has an overlapping edge capable of covering discrepancies in the mounting opening.

The loudspeaker has a perforated metal grille to protect the driver and is removable for servicing. All surfaces of the speaker in the room are paintable.

The frame is of ABS material that is heat resistant up to 120 degrees. The loudspeaker is designed so as to perform correctly in an infinite baffle design requiring no rear chamber.

The loudspeaker is comprised of two low frequency drivers, and a separate high frequency driver. The low frequency drivers are manufactured with woven Kevlar cones, Kapton voice coil formers, phase plug pole piece extensions, and butyl surrounds. The pivoting high frequency driver is a silk dome with a 1" diameter voice coil for safe power handling capacity. The crossover is a 2nd order network (12 dB/oct) and delivers two specific ranges of frequencies to each the woofers and the tweeter. It also has a polyswitch protection circuit which is non-mechanical and self-resetting.