

MC SERIES

IN-WALL SPEAKERS



MC-553

IN-WALL LCR DUAL CHANNEL SPEAKER

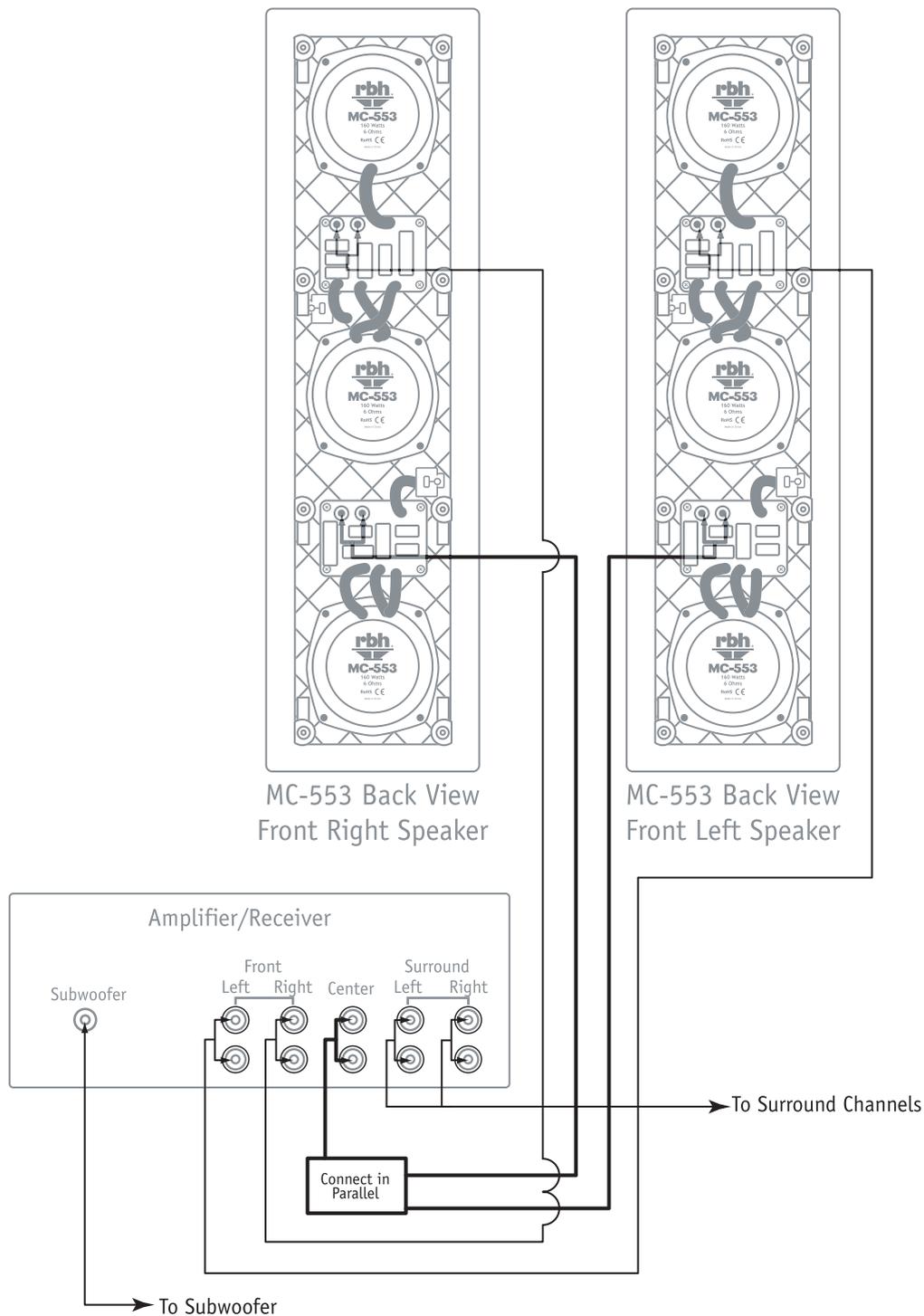
The MC-553 features three 5¼-inch aluminum cone woofers and dual 1-inch aluminum dome tweeters for pristine sound quality and outstanding performance. Developed for high-end home theaters or multi-channel media rooms, the MC-553 has the unique ability to perform double-duty as both a center channel speaker and as a main front left or right speaker for a surround sound system. The lower woofer and tweeter can be configured to perform the duty of the center channel, thereby eliminating the need for a separate dedicated center channel!

[SOLD THROUGH AUTHORIZED RBH DEALERS](#)

REDEFINING THE WAY YOU EXPERIENCE SOUND™



WIRING DIAGRAM #1



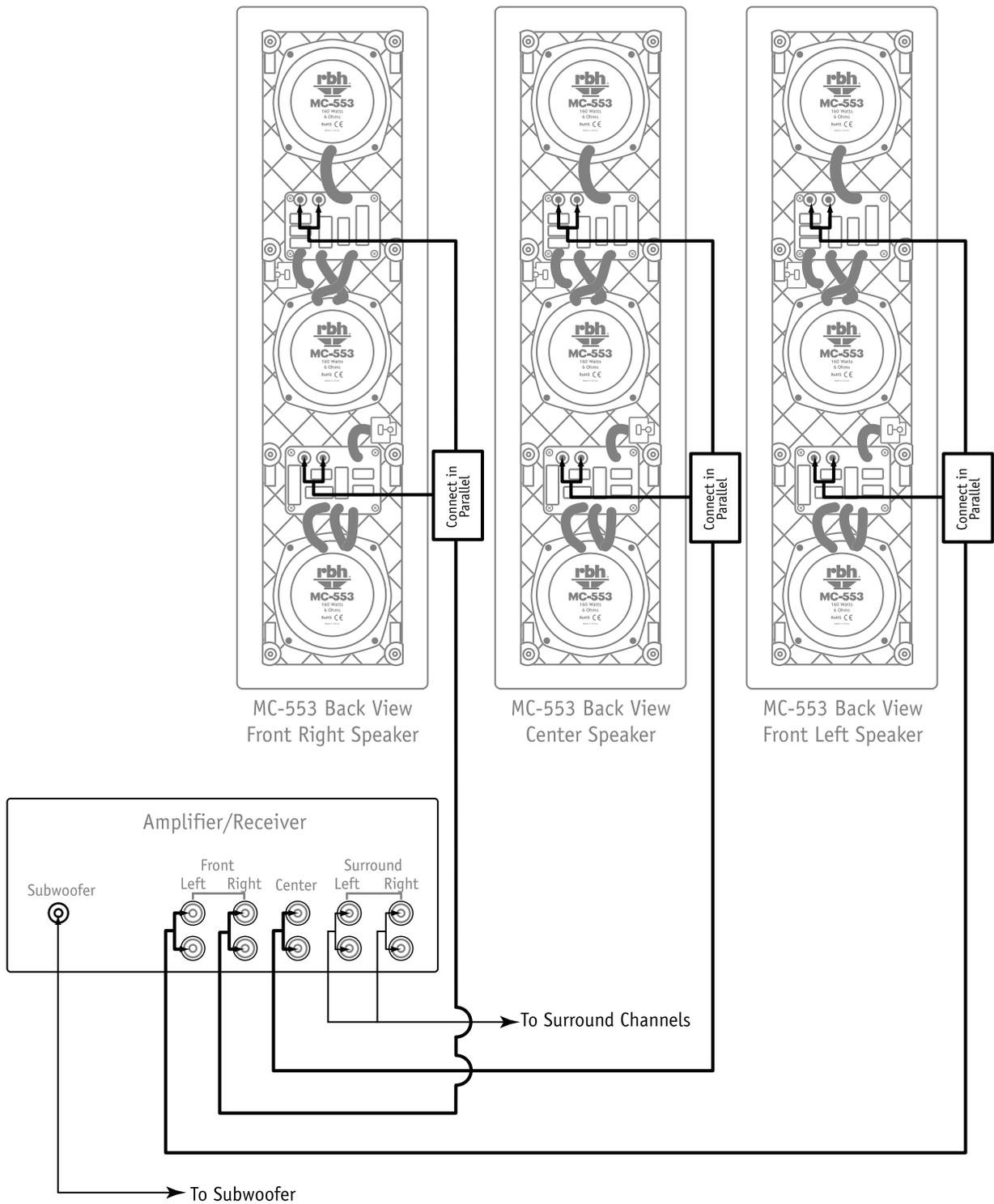
382 Marshall Way, Ste. A,
Layton, Utah, USA 84041

(800) 543-2205
(801) 543-2200

Fax: (801) 543-3300
<http://rbhsound.com>



WIRING DIAGRAM #2



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SPECIFICATIONS

MODEL NAME:

MC-553

SYSTEM TYPE:

In-wall/LCR Dual Channel Speaker

SERIES:

MC Series

FREQUENCY RESPONSE:

55Hz-20kHz ± 3dB

SENSITIVITY:

88dB Main, 87dB Center, and
90dB Combined (2.83 Volts @ 1 Meter)

RECOMMENDED POWER:

15-150 Watts Main, 15-100 Watts Center
and 15-200 Watts Combined

DRIVE UNITS:

(3) 5-1/4" (133mm) Aluminum Cone Woofer
(2) 1" (25mm) Swivel Aluminum Dome Tweeter

TWEETER PROTECTION:

Yes

CROSSOVER FREQUENCY:

3,000 Hz

CROSSOVER:

12dB/Octave

IMPEDANCE:

8 Ohms Main, 6 Ohms Center
and 4 Ohms Combined

CABINET:

White Frame (paintable)

GRILLE:

White (paintable)

CUTOUT DIMENSIONS:

6-5/8" W x 26-3/4" H
(168mm W x 680mm H)

FINISHED DIMENSIONS:

7-7/8" W x 28-1/8" H x 3-3/8" D
(181mm W x 714mm H x 80mm D)

WEIGHT:

9 lbs. (4.08 kg)

WARRANTY:

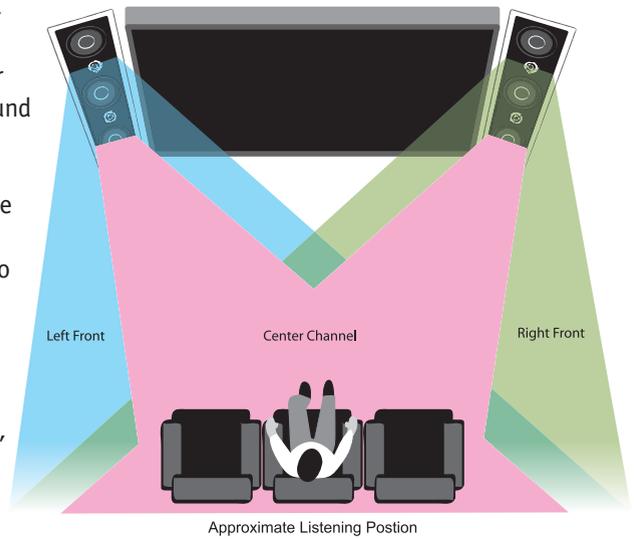
25 Years*



High Performance Home Audio
Redefining the Way You Experience Sound™

SPEAKER PLACEMENT

The MC553 can perform double-duty as both a center channel speaker and a main front left or right speaker for a surround sound system. If two MC-553's are in dual-channel mode, the lower tweeter and woofer on each side cleverly functions as the center channel, this allows the top two woofers and tweeter on each speaker to perform as the front left and right channels. For situations where a dedicated center channel can be installed, three MC-553s can be used for the front left, center and right channels for an outstanding in-wall home theater system.



Check out the detailed specifications and wiring diagrams. Above is an example of how the speaker works as front left and right speakers and as a center channel speaker.

FEATURES

- Aluminum cone woofers providing a non-compressing piston area for the unparalleled bass response.
- Aluminum dome tweeters have excellent dispersion off-axis for room-filling high frequency accuracy.
- Swivel neodymium tweeters that can be angled up to 30 degrees off axis to provide accurate imaging anywhere in the room.
- Acoustic lens dispersing the high frequency energy, improving the off-axis response of the dome tweeters.
- Computer optimized crossover networks.
- Mylar capacitors minimize distortion and produce uncolored high frequency response.
- Protection devices integrated into the crossover circuitry is self resetting and helps ensure safe operation of the speaker.
- Paintable grilles, if you desire to completely conceal your in-wall speakers.
- Installation template.

MATCHING SERIES

IN-CEILING SPEAKERS:

MC-615L, MC-815, MC-815L

IN-WALL SPEAKERS

MC-414, MC-6, MC-553, MC6-DB

IN-WALL SUBWOOFER:

MCS-88/MCS-88P

OUTDOOR SPEAKER:

MC-6AW

ACCESSORIES

The below accessories are sold separately.

Rear Enclosure: FB-W

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*Warranted for 25 (twenty-five) years from date of purchase to be free from defects and workmanship. For more information see your RBH dealer.

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