

**MODEL 520C/ MODEL 625C
AND MODEL 825C
OWNER'S MANUAL**



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21A6532

CONGRATULATIONS

We appreciate your choice of MTX In-Ceiling Speakers. Properly installed and operated, MTX In-Ceiling Speakers should provide years of worry-free listening pleasure. It's important that you follow each step in this guide carefully to insure proper installation.

SPECIFICATIONS	MODEL 520C	MODEL 625C	MODEL 825C
Frequency Response	60Hz-20kHz ±3dB	50Hz-20kHz ±3dB	40Hz-20kHz ±3dB
Impedance	8 ohms nominal	8 ohms nominal	8 ohms nominal
Power Handling	50 Watts RMS 100 Watts Peak Music	55 Watts RMS 110 Watts Peak Music	60 Watts RMS 120 Watts Peak Music
Sensitivity (1W/1m)	85dB	85dB	85dB
Woofers Diameter	5-1/4"	6-1/2"	8"
Tweeter	20mm Soft Dome	25mm Soft Dome	25mm Soft Dome
Mounting Depth	3-1/2"	2-15/16"	3-3/8"
Baffle Diameter	7-3/4"	9"	10-3/4"

PAINTING YOUR MTX IN-CEILING SPEAKERS

MTX In-Ceiling Speakers are designed to accept all types of interior and exterior paints. Spray or roller application should provide excellent results. A paint shield is included with all MTX In-Ceiling Speakers speakers to protect the speakers during the painting process.

MTX WARRANTY INFORMATION

All MTX In-Ceiling Speakers purchased in the United States from an authorized MTX dealer are guaranteed against defects in material and workmanship for a period ten years from the date purchased by the end user, and limited to the original retail purchaser of the product.

MTX disclaims any liability for other incurred damages resulting from product defects. Any expenses incurred in the removal and reinstallation of product is not covered by this warranty. MTX's total liability will not exceed the purchase price of the product. This warranty is valid in the United States only.

Proof of purchase is required when requesting service, so please retain your sales receipt and take a moment to register your warranty on line at www.mtx.com.

OTHER PRODUCTS FROM MTX

In-Wall Loudspeakers

MODEL 625W

6-1/2" Two-Way In-Wall Speaker
25mm Soft Dome Swivel Tweeter
Impedance: 8 ohms nominal
Sensitivity: 85dB
55W RMS/110W Peak Music
Frequency Response: 48Hz-20kHz
12"H x 8 5/8"W x 3 1/4"D

MODEL 825W

8" Two-Way In-Wall Speaker
25mm Soft Dome Swivel Tweeter
Impedance: 8 ohms nominal
Sensitivity: 86dB
60W RMS/120W Peak Music
Frequency Response: 36Hz-20kHz
14"H x 10"W x 3-1/2"D

Home Loudspeakers

MONITOR6

6-1/2" Two-Way Home Loudspeaker
19mm Dome Tweeter
Impedance: 8 ohms nominal
Sensitivity: 89dB
100W RMS/200W Peak Music
Frequency Response: 55Hz-20kHz
12 3/4"H x 7 1/2"W x 8 1/2"D

MONITOR6C

6-1/2" Center Channel Loudspeaker
19mm Dome Tweeter
Impedance: 8 ohms nominal
Sensitivity: 92dB
100W RMS/150W Peak Music
Frequency Response: 60Hz-20kHz
7 1/2"H x 17 5/8"W x 8"D

MONITOR10

10" Three-Way Home Loudspeaker
19mm Dome Tweeter
Impedance: 8 ohms nominal
Sensitivity: 92dB
200W RMS/400W Peak Music
Frequency Response: 30Hz-20kHz
31 7/16"H x 11 1/8"W x 14 5/16"D

MONITOR12

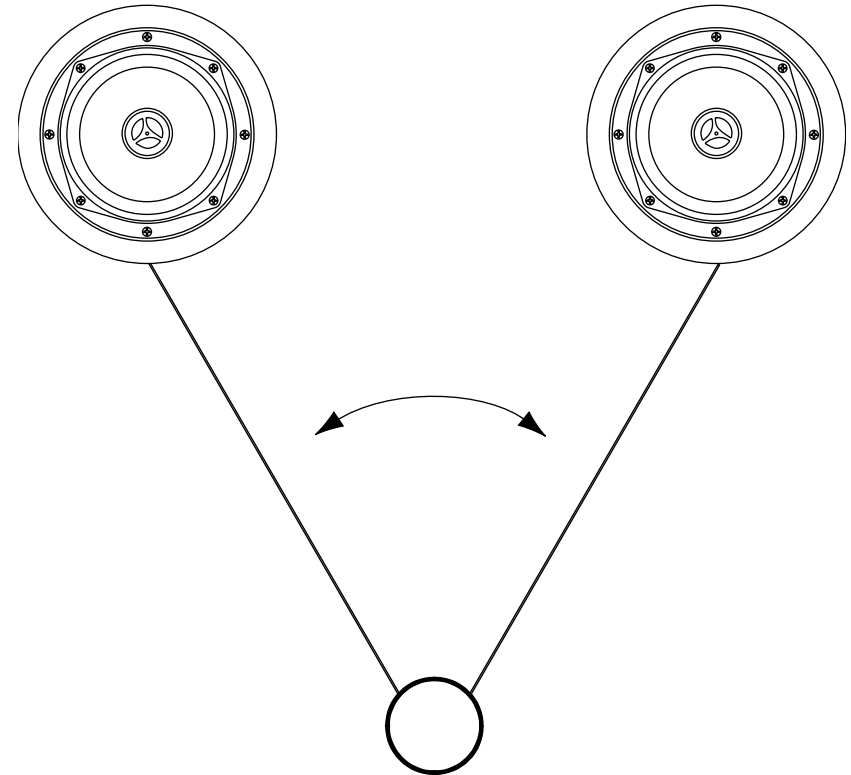
12" Three-Way Home Loudspeaker
19mm Dome Tweeter
Impedance: 8 ohms nominal
Sensitivity: 94dB
250W RMS/500W Peak Music
Frequency Response: 25Hz-20kHz
35"H x 13 1/8"W x 16 1/16"D

TECHNICAL ASSISTANCE

For additional technical assistance you can visit our website at www.mtx.com. Otherwise, our technical service representatives can be reached by phone: 1-800-CALL-MTX or by email: technical@mtx.com.

LOUDSPEAKER PLACEMENT

MTX In-Ceiling Speakers are designed to work within any interior decorating scheme. They can be installed in virtually any location where flush mounting is possible. To maximize their sound performance however certain guidelines should be followed. For the best stereo reproduction the two loudspeakers should be placed an equal distance from your listening position and separated so that the angle between them, at the listening position, is between 40 and 60 degrees.

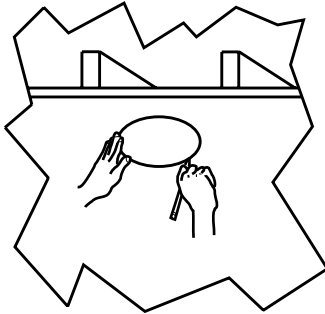


TWEETER LEVEL ADJUSTMENT

The output of the tweeter can be adjusted to compensate for speaker placement/listening positions that are less than ideal. The 0dB position is designed to provide the smoothest frequency response on axis. If the high frequency response is considered to be too strong or too weak, the tweeter level can be increased (+3dB position) or decreased (-3dB position) to suit the listeners preference.

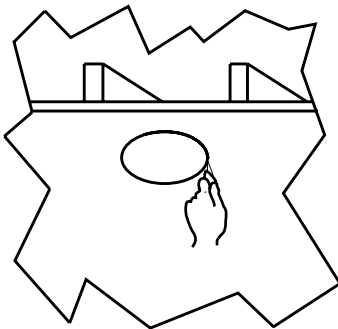
STEP 1

Using a stud finder (available at low cost at most hardware stores) or other accurate method, locate center point between two joists and mark. Using template provided, trace hole pattern on surface of ceiling



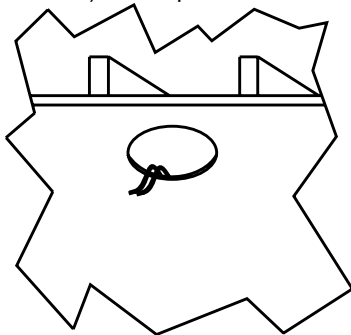
STEP 2

Using a sabre saw, keyhole saw or very sharp utility knife, cut hole in wall, following traced pattern.



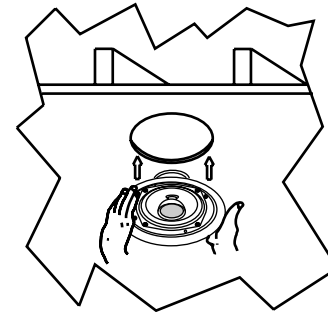
STEP 3

Run loudspeaker wires to sound source location. There are several methods you can use to accomplish wiring, depending on the construction characteristics of the room or house. You can add a professional touch to your installation by using a speaker terminal plate at the source location. Leave sufficient amount of wire at speaker location (8 to 10 inches) to complete connection.



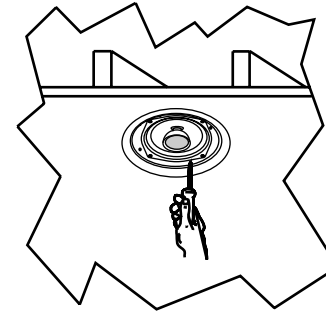
STEP 4

Attach loudspeaker wires to speaker terminals, observing correct polarity, and position speaker frame up into cutout. Be careful not to pinch wires in the process.



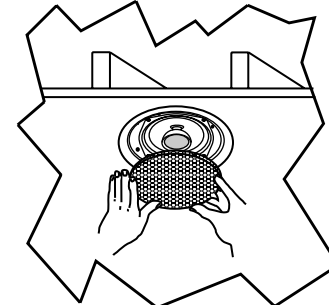
STEP 5

Carefully tighten the four mounting screws. This will cause the mounting wings to rotate out behind the mounting surface and secure the speaker in place.



STEP 6

After the speaker panel is secured tightly, test for sound. When you are satisfied the speaker is operational, affix grill. As grill is designed for a snug fit, you'll need to position one edge into slot first, and press or squeeze around perimeter of grill, while pushing leading edges into grill slot.



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