



OPERATION MANUAL

M&K Sound
In-Wall Loudspeakers

IW5

IW85

IW95



M&K Sound · Denmark · www.mksound.com

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The Choice of Professionals®

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IW95 In-Wall Loudspeaker



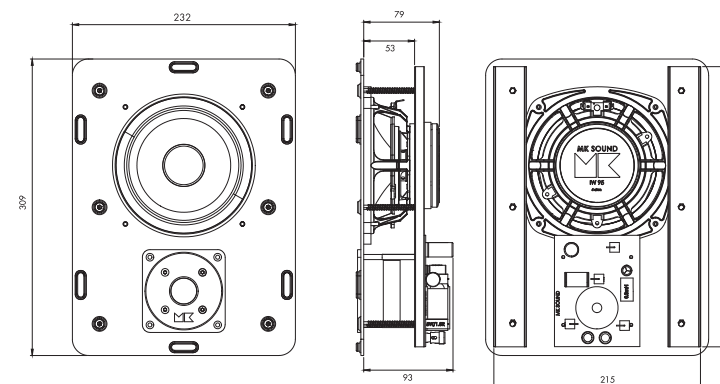
As a direct descendent of M&K Sound's standard-setting professional studio monitors, the highly versatile IW95 is built on a thick front steel baffle system with solid mounting brackets and can be mounted for seamless, smooth fit and finish and rock-solid installation to deliver a seamless, holographic, three-dimensional listening experience.



IW95 SPECIFICATIONS

Impedance 4 Ohm
Recommended Amplifier Power 25 – 300W
Bass/Midrange 6.5" polypropylene
High Frequency Driver 1" soft fabric dome
Frequency Response 80 Hz – 20 kHz, ± 3 dB

Sensitivity 91 dB, 2.83V/1m
Grille Dimensions (HxW) 12.40 x 9.33", 315 x 237 mm
Baffle Dimensions (HxW) 12.16 x 9.13", 309 x 232 mm
Wall Cutout (HxW) 10.75 x 7.44", 273 x 189 mm
Mounting Depth 3.67", 93 mm
Weight 4.6 kg / 10 lbs.



IW85 In-Wall Loudspeaker



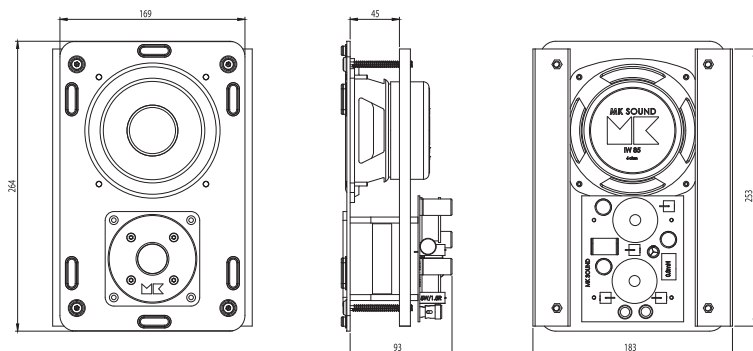
Experience full-range, designer-friendly sound to rival many “audiophile” stand-alone speakers, in a compact package that integrates beautifully into walls or ceilings! The versatile IW85 is superb in two-channel or surround applications and can be combined with any M&K Sound In-Wall, on-wall or satellite models for a seamless sonic match.



IW85 SPECIFICATIONS

Impedance 4 Ohm
Recommended Amplifier Power 25 – 200W
Bass/Midrange 5.25” polypropylene
High Frequency Driver 1” soft fabric dome
Frequency Response 85 Hz – 20 kHz, ±3dB

Sensitivity 88 dB, 2.83V/1m:
Grille Dimensions (HxW) 10.62 x 6.88”, 270 x 175 mm
Baffle Dimensions (HxW) 10.39 x 6.65”, 264 x 169 mm
Wall Cutout 9.4” x 6”, 239 x 152 mm
Mounting Depth 3.67”, 93 mm
Weight 4.1 kg / 9 lbs.



Congratulations!

Your new M&K speaker system will give you years of unmatched enjoyment and excitement while listening to your favorite music and audio/video sources.

We encourage you to read this owner’s manual, as there is a great deal of information provided here to help you achieve the best possible performance from your new speakers.

If you have any questions about your speaker system, please contact your M&K dealer. Additional information may also be obtained on our web site: www.mkssound.com

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Serial Number:	
Date of Purchase:	
Dealer Name:	
Dealer Address:	
City/State/Zip:	
Country:	
Invoice Number:	

Introduction

M&K Sound In-Wall speakers are designed for easy and flexible installation. You are just a few easy steps away from enjoying the acclaimed M&K sound.

Accessories

- Cut-out template integrated in packing for marking of wall or ceiling position and cut-out dimensions.
- Acoustic damping pad and foam.
- Mounting system with self-locked metal bar for solid attachment to wall or ceiling.
- Paintable metal front grille and metal front baffel.

Placement

For placement of M&K Sound In-Wall speakers, please note the following basic recommendations for installation.

Defining correct placement height for M&K speakers in stereo or surround set-up is essential, beginning with finding the speaker's acoustic on axis point, marked between woofers and tweeters.

- For both stereo and surround front speakers the system's acoustic "on axis-point" should be approximately 10-15 cm above ear level – when sitting in listening position.
- For surround rear and side speakers the systems acoustic "on axis-point" should be approximately 70-90 cm above ear level – when sitting in listening position.
- Every new M&K Sound In-Wall speaker is designed to be as universal as possible, whether used in In-Wall and/or In-Ceiling applications. The range is fully compatible with all current and future sound formats, including Dolby Atmos, DTS X and Auro. For specific directions of any speaker placement, we recommend to study the individual formats own instruction manuals.

IW5 In-Wall Loudspeaker



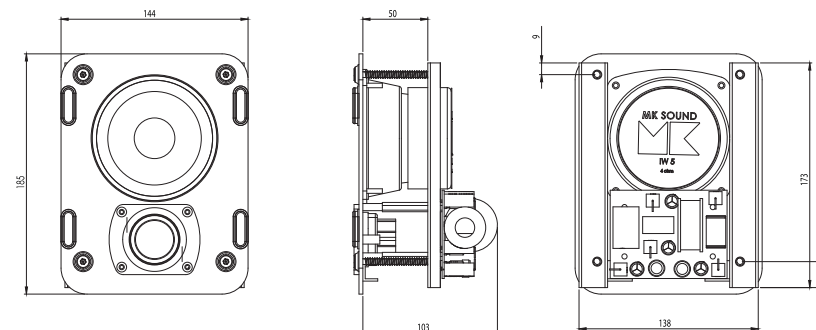
Designed with the same richly detailed sound as the M&K Sound M Series. The IW5 is supplied with a slim round grille making it the optimal choice as the in ceiling solution. The ultra compact IW5 is the invisible flush-mount speaker that delivers consistent sound quality across large spaces or multiple zones.



IW5 SPECIFICATIONS

Impedance 4 Ohm
Recommended Amplifier Power 25 – 125W
Bass/Midrange 4" polymer coated texture paper
High Frequency Driver 1" coated silk dome
Frequency Response 100 Hz – 20 kHz, ±3dB
Sensitivity 84 dB, 2.83V/1m

Grille Dimensions, round (Ø) 8.81", 224 mm
Baffle Dimensions diagonal 8.66" / 220 mm
Baffle Dimensions (HxW) 7.28 x 5.66", 185 x 144 mm
Wall Cutout (HxW) 6.45 x 4.88", 164 x 124 mm
Mounting Depth 4.05", 103 mm
Weight 2.4 kg / 5.3 lbs.





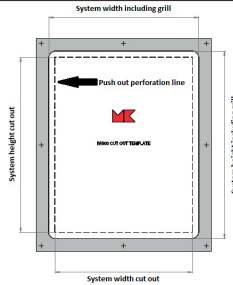
Speaker Installation

To support precise wall cut-out for M&K Sound Frameless in wall speakers, use the template included in the carton.

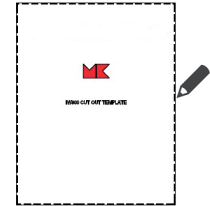
The 2-piece carton template matches the speaker's outer dimensions, with a "push out" section is to be used for the actual cutting.

Following the instructions 1 - 13 will result in proper and easy installation of the speaker.

NOTE: The speaker in the drawing may not match your speakers.
It is shown as an example only.



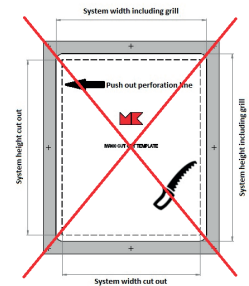
1. Use the overall carton template to visualize the position before pushing out the actual cutting template at the perforated lines.



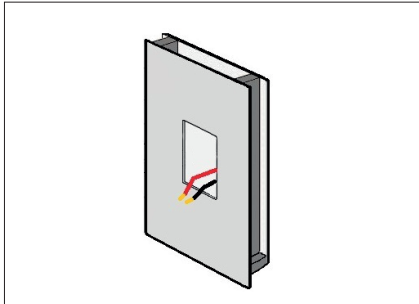
2. Hold the "pushed out" cutting template at the position to mark a line for the actual cut.



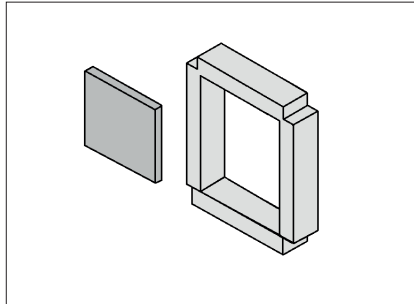
3. Cut to the inside of your marked line.



4. Cutting direct on the template is not recommended

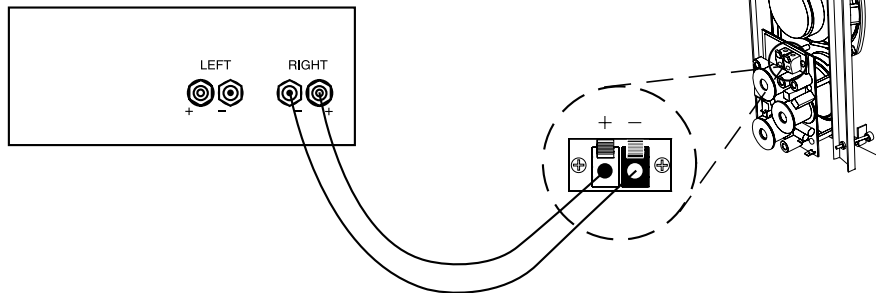


5. When the is cut is made, the "install" is ready to be applied with damping material.



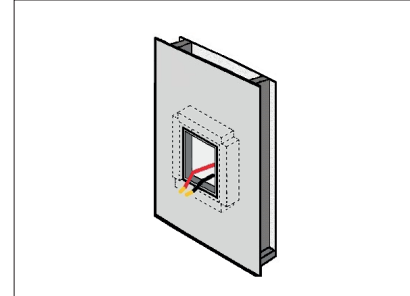
6. Use the "foam frame" and "foam damping pad" applied in the carton pack.

AMPLIFIER OR RECEIVER

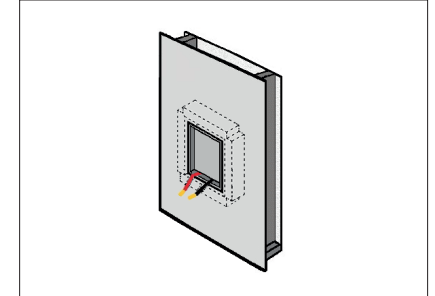


SPEAKER WIRING

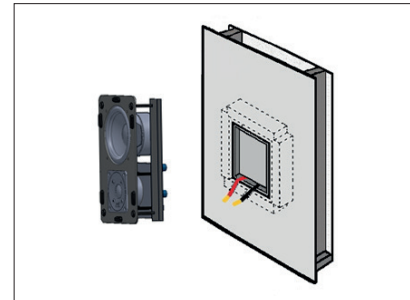
The Positive (+) lead from your amplifier or receiver should be connected to the RED (+) INPUT terminal, and the Negative (-) lead from your amplifier or receiver should be connected to the BLACK (-) INPUT terminal.



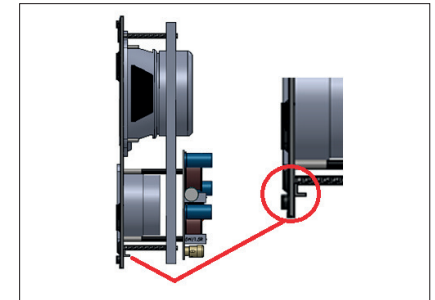
7. Insert "foam frame" through the hole, to form a frame around the speaker inside.



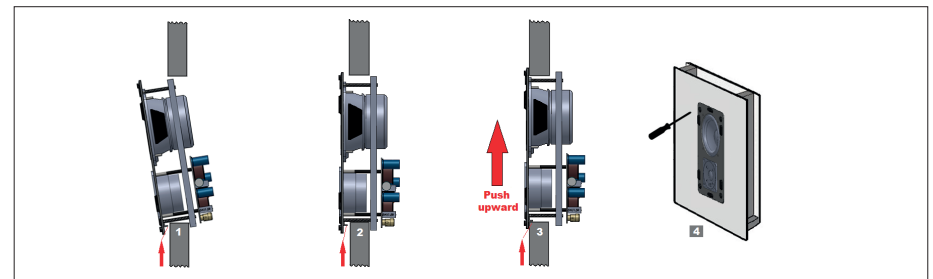
8. Finally insert the foam damping pad inside the foam frame, for damping of speaker system "backward radiating sound".



9. With damping material properly mounted, the speaker system is now ready to be connected and mounted.



10. For easy insert of the speaker system, pay proper attention to the metal angle bracket located at "speaker bottom" during mounting of speaker system.



11.1. Set in the speaker by holding the system in a slightly tilted position, having the metal angle bracket facing downward.

11.2. Line up the speaker, so the top of brackets slips into the hole.

11.3. Now push the speaker upward a bit, and press in the system, so the metal angle on backside of front plate, come to "stand" on the wall or ceiling cut surface.

11.4. When the system is all flat and aligned, turn the 4 screws for metal brackets to tightening up the system.