



Owner's Manual

Insight P3m-LCR

Insight P3m-LR

Insight P3m-C

Insight P3m-V

Planar Magnetic Soundbar Loudspeaker

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DOCUMENT CONVENTIONS

This document contains general safety, installation, and operation instructions for the Wisdom Audio Insight P3m Loudspeaker. It is important to read this document before attempting to use this product. Pay particular attention to:

WARNING: Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in injury or death.

CAUTION: Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in damage to or destruction of part of or the entire product.

Note: Calls attention to information that aids in the installation or operation of the product.

Introduction

Congratulations on purchasing your Wisdom Audio system. It incorporates many design features engineered to give you decades of pleasure and performance. Many of these design choices are uncommon among loudspeaker manufacturers and bear some explanation. See the following section entitled “Overview” for more information.

The Insight Series P3m Soundbars are specifically designed to avoid the compromises inherent in other conventional soundbar “custom length” designs, so you will not have to give up any sound quality just to have it match the width of your TV.

- P3m-LCR – 3 Channel Horizontal Passive Soundbar
- P3m-LR - Stereo Horizontal Passive Soundbar
- P3m-C – Mono Horizontal Passive Soundbar
- P3m-V – Mono Vertical Passive Soundbar

Your **Insight P3m series** loudspeaker are specifically designed to avoid the compromises inherent in conventional speaker designs. Each P3m Series speakers is customized to fit the width of your specific TV. Before ordering, contact Wisdom Audio Sales for specific details on sizes and customization.

Info@wisdomaudio.com

Overview

NOTE: The P3m-C is shown below. This is a single channel horizontal. The other models use the same binding posts and layout but will have 2 or 3 channels as needed.

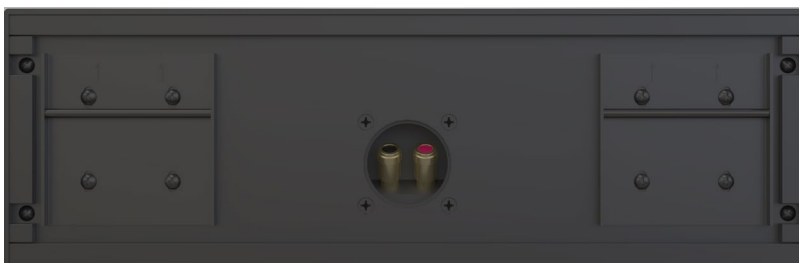
P3m-C Front View (Grille On)



P3m-C Front View (Grille Off)



P3m-C Rear View



Unpacking and Installing the P3m

The **Wisdom Audio Insight P3m** speaker is a substantial piece of equipment. Please exercise caution when unpacking your P3m to ensure that you do not strain yourself from its (perhaps unexpected) weight.

With one person at each end, carefully lift the speaker out of the box and lay it on a soft surface (carpet or similar).

After unpacking your P3m, keep all packing materials for future transport.

Supplied Hardware

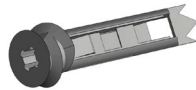
Included in the carton is a full-size template of your speaker and the mounting hardware shown below.



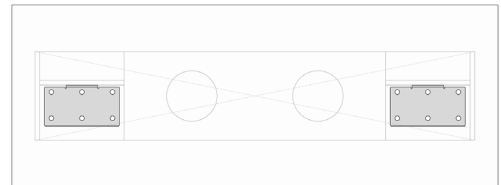
Wall Brackets



#8 Screws



Drilling Toggles



Wall Bracket Template

The wall-mounted brackets mate with the speaker-mounted brackets which are preinstalled on each speaker section.

CAUTION: *It is the responsibility of the installer to supply appropriate attachment hardware if the supplied toggles are not suitable for the installation.*

Making the P3m Connections

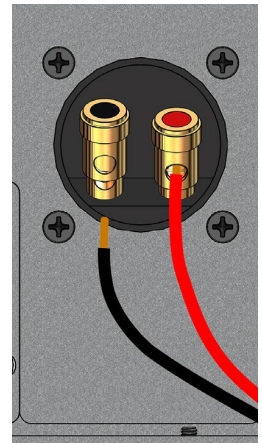
As with any system, you should make changes to the connections only when the power is turned off to avoid any chance of inadvertently causing a problem (such as a short-circuit).

Up to three sets of speaker wires are required for each Insight P3m loudspeaker, one for each channel of Left / Center / Right.

NOTE: If access to the input terminals is limited, it may be necessary to connect the wires prior to positioning and securing the speaker enclosure.

Connect the speaker wires to the binding posts on the side of the cabinet by pressing the top of each terminal, inserting the bare conductor, and releasing the connector. Observe the polarity of the connections and double check that it is correct. The red colored input terminal is positive (+).

Connect the outputs of your amplifier to the appropriate sections, taking care to get both the channel assignments and the polarity correct. Connect the positive (+) terminals on the amplifier to the positive (+) terminals on the loudspeaker; likewise, connect the negative (–) terminals on the amplifier and the speaker, respectively.



Mounting Options for the P3m Series

There are 2 mounting options for the P3m Series. For mounting directly to the TV with a TV VESA wall mount, use the optional VESA mount bracket.

- Included wall mount bracket
- VESA Mount with third party or optional Wisdom P3m-VESA-Bracket – PN# 943700

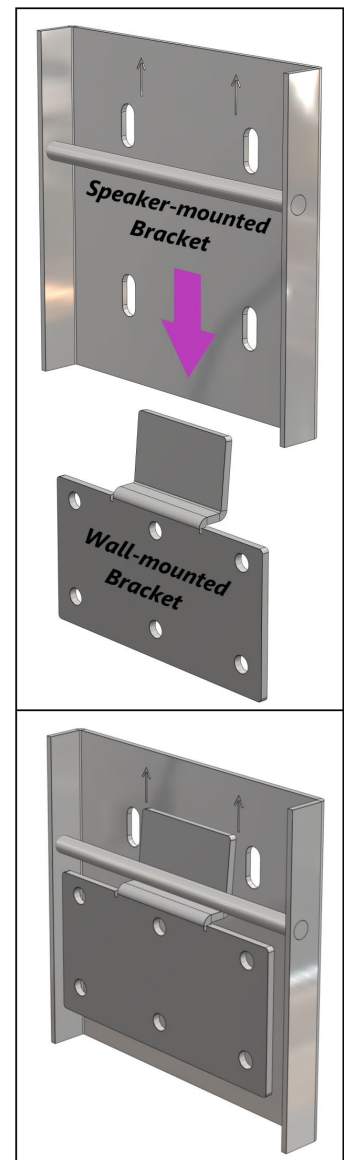
Mounting the P3m on the Wall Using the included Wall Mount

The Mounting bracket has slots that accommodate up to #8 (M4) Screws. *It is recommended to place a screw into every open mounting hole for maximum safety. Failure to use the proper screws and wall attachment hardware may result in damage or injury.*

There is a 0.43" (11mm) deep x 3.5" (89mm) wide channel on the back of the speakers that allows clearance for speaker cables. Foam strips on each side of the channel protect the wall surface, prevent vibration, and provide a secure mate with the wall surface.

If you are not able to mount directly into a stud, use the appropriate masonry or dry-wall toggle bolts that are rated for at least 25 lbs (10kg) each, and use *at least* 4 minimum, and 5 recommended (1 pair per side plus the center).

- For a “zero clearance” installation, with the TV flush to the Soundbar, mount the Soundbar first and the TV second to allow the TV to mount directly above the Soundbar.
- If mounting the Soundbar *after* the TV, you must allow for 0.45" (11.5mm) of clearance between the TV and the Soundbar for the wall mount installation.

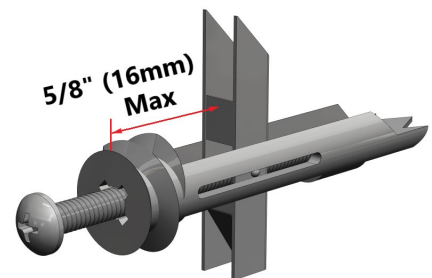


1. Determine the locations and positions for the speakers if this has not yet been done. Consideration must also be made for installation of the speaker cables.

Temporarily attach the templates to the wall using tape or push pins. Carefully align their positions so that they are level and plumb (in a vertically straight alignment). The templates should be placed side by side so that they are touching. This ensures the speakers will have little if any gap between them when mounted.

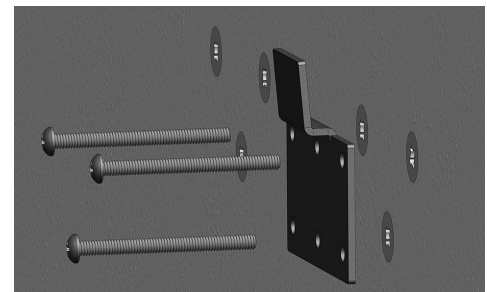
NOTE: The templates are full-size, being the same height and width as the speakers.

2. Mark the hole locations or drill through the templates if preferred. If drilling pilot holes, a 3/32" (2.5mm) drill bit works well. There are a total of 6 holes per speaker bracket. Use 3 screws per bracket. It is recommended to use the pattern suggested in the images below; 2 on the top row and 1 on bottom. This is enough to properly support the speakers.



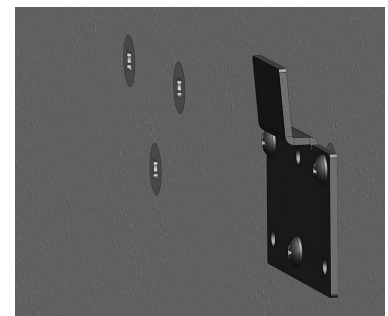
3. Remove the templates and drill holes for your attachment hardware at the locations of the 6 brackets. If using the supplied toggles, these can be screwed directly into gypsum walls without predrilling.

4. The toggles supplied with your speaker can be used in walls from 3/8" (10mm) to 5/8" (16mm) thick. They can be used in gypsum walls and in wood panels. In wood, the screws can be used without the toggles, but the holes must be predrilled with a 3/32", (2.5mm), or 7/64" drill bit.



5. When using the toggles in gypsum panels, drill the toggles into the panel using a #2 Phillips bit. No predrilling is required. Carefully drill the toggle into the panel until the head of the toggle is flush with the wall surface.

6. Once all the toggles are inserted into the wall, pass the screws through the wall-bracket, and into the toggles. Tighten the screws to secure the toggles and the wall brackets. The toggles have a wing that flips out when the screws are inserted.



7. With assistance, set the speakers next to their mounting locations and connect the wires to the inputs of the speaker sections. See detailed instructions in the following section.
8. After making the connections, again with assistance, lift the speaker sections and hang them from the mounting brackets. Check that they are secure before releasing the modules. A small amount of movement is available to reposition the speakers slightly to the left or right and to allow adjustment of the space between the sections and their vertical orientation. The speaker sections should be set so there is little if any gap between them.

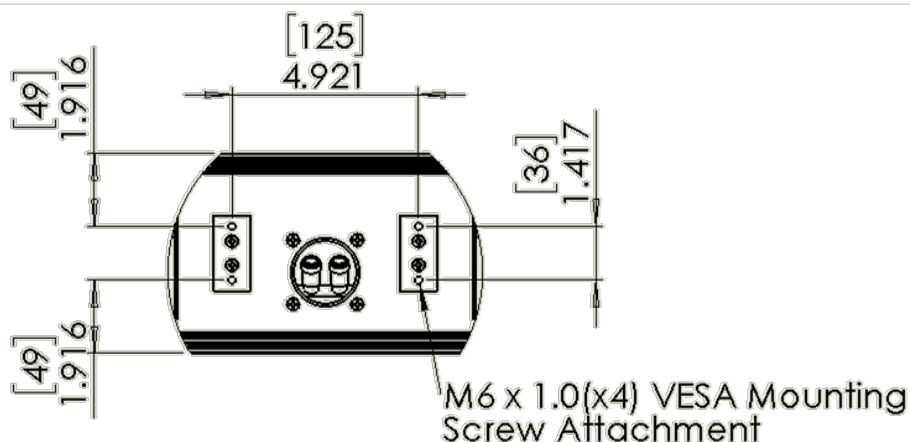
Caution! Do not use the P3m as a shelf! While its mounting system is quite rugged, it is designed to securely support the weight of the speaker itself. Do not place additional objects on it, and do not climb on it.

Mounting the P3m to a TV with a VESA Mount

NOTE: There are two (2) options for mounting to a TV with a VESA mount. NOTE: Only soundbar larger than 40" [1016mm] can be used with a VESA mount, and include the proper mounting hardware.

- **The P3m has (4x) M6x1.0** – mounting points located in the center of the soundbar for use with third party mounting brackets. The mounting pattern dimension are below.
- **Optional P3m-VESA-Bracket – PN# 943700** allows the P3m to be mounted to a TV and supports sizes and weights from 40" [1016mm] up to the maximum size and weight possible.

Either option can be used with standard Vesa mount patterns on most TVs. The Vesa mount allows the soundbar to be mounted to the TV for use with swivel and articulating mounts. *Ensure that your TV can handle the weight of the soundbar before attempting to attach it. The soundbar is not to be used as a handle for moving the TV. Failure to use the proper screws and wall attachment hardware may result in damage or injury.*



Care & Maintenance

To remove dust from the front of your P3m, use a feather duster or a lint-free soft cloth.

Never attempt to clean the drivers themselves.

Caution!

Do not touch the surface of the planar magnetic drivers, under any circumstances. The thin film has been carefully pre-tensioned at the factory; any subsequent contact can only damage it.

North American Warranty

Standard Warranty

When purchased from and installed by an authorized Wisdom Audio dealer, Wisdom Audio loudspeakers are warranted to be free from defects in material and workmanship under normal use for a period of 10 years from the original date of purchase.

Furthermore, the transducers (“drivers”) in your Wisdom Audio speakers are warranted to be free from defects in material and workmanship under normal use for a period of 10 years from the original date of purchase.

Harsh Conditions Use

Wisdom Audio loudspeakers are designed for installation and operation in environmentally controlled conditions, such as are found in normal residential environments. When used in harsh conditions such as outdoors or in marine applications, the warranty is three years from the original date of purchase.

During the warranty period, any Wisdom Audio products exhibiting defects in materials and/or workmanship will be repaired or replaced, at our option, without charge for either parts or labor, at our factory. The warranty will not apply to any Wisdom Audio products that has been misused, abused, altered, or installed and calibrated by anyone other than an authorized Wisdom Audio dealer.

Any Wisdom Audio product not performing satisfactorily may be returned to the factory for evaluation. Return authorization must first be obtained by either calling or writing the factory prior to shipping the component. The factory will pay for return shipping charges only if the component is found to be defective as mentioned above. There are other stipulations that may apply to shipping charges.

There is no other express warranty on Wisdom Audio products. Neither this warranty nor any other warranty, express or implied, including any implied warranties of merchantability or fitness, shall extend beyond the warranty period. No responsibility is assumed for any incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and other states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This warranty is applicable in the United States and Canada only. Outside of the U.S. and Canada, please contact your local, authorized Wisdom Audio distributor for warranty and service information.

Obtaining Service

We take great pride in our dealers. Experience, dedication, and integrity make these professionals ideally suited to assist with our customers' service needs.

If your Wisdom Audio loudspeaker must be serviced, please contact your dealer. Your dealer will then decide whether the problem can be remedied locally, or whether to contact Wisdom Audio for further service information or parts, or to obtain a Return Authorization. The Wisdom Audio Service Department works closely with your dealer to solve your service needs expediently.

IMPORTANT: Return authorization must be obtained from Wisdom Audio's Service Department BEFORE a unit is shipped for service.

It is extremely important that information about a problem be explicit and complete. A specific, comprehensive description of the problem helps your dealer and the Wisdom Audio Service Department locate and repair the difficulty as quickly as possible.

A copy of the original bill of sale will serve to verify warranty status. Please include it with the unit when it is brought in for warranty service.

WARNING: All returned units must be packaged in their original packaging, and the proper return authorization numbers must be marked on the outer carton for identification. Shipping the unit in improper packaging may void the warranty, as Wisdom Audio cannot be responsible for the resulting shipping damage.

Your dealer can order a new set of shipping materials for you if you need to ship your loudspeaker and no longer have the original materials. There will be a charge for this service. We strongly recommend saving all packing materials in case you need to ship your unit someday.

If the packaging to protect the unit is, in our opinion or that of our dealer, inadequate to protect the unit, we reserve the right to repackage it for return shipment at the owner's expense. Neither Wisdom Audio nor your dealer can be responsible for shipping damage due to improper (that is, non-original) packaging.

Specifications

All specifications are subject to change at any time to improve the product.

P3m (All Versions)

Frequency Response	80Hz – 20kHz +/- 3dB
Low Frequency Extension	60hz (-6dB) 50hz (-10dB)
Recommended High Pass Crossover	80Hz 24dB Linkwitz Riley Crossover
Impedance	4 ohms Minimum 5.2 ohm @ 460Hz, 4.1 ohm @ 20kHz
Sensitivity	85dB 2.83V @ 1m
Coverage Angle Horizontal x Vertical (-6db)	100° x 100°
Recommended Minimum Amplifier	75 Watts
Maximum Continuous Power Handling	200 Watts
TV Sizes	Up to nominal 110" diagonal TV sizes nominal
Depth with Wall Mount	3.881" [98.7mm]

Dimensions – Horizontal Version:

- Height: 5.250" (133.35mm)
- Maximum Width: 100" (2540mm)
- Minimum Width
 - P3m-LCR: 48.25" [1225mm]
 - P3m-LR: 40" [1016mm]
 - P3m-C: 16.25" (413mm)

Dimensions – Vertical Version:

- Width: 5.250" (133.35mm)
- Maximum Height: 100" (2540mm)
- Minimum Height:
 - P3m-V: 16.25" (413mm)

For more information, see your Wisdom Audio dealer or contact Wisdom Audio



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