



Congratulations on your selection of the PM5 speaker. The PM5 is a high-end water resistant speaker that will give you reference monitor sound quality for use in commercial and home stereo/home theater applications. Removing the grill gives you access to the OMNI™ tweeter that can be swiveled to focus the high frequencies to your listening position. As reflected in the LMS™ frequency curve, the response of the PM5 is very accurate out to 19.5k. The enclosure is a bass reflex design with a tuned port giving you improved bass performance over conventional 5 1/4" woofer enclosures. These powerful enclosures will easily handle 100 watts rms of continuous program material, so don't be afraid to turn them up. However, as with any speaker, observe the maximum rating. The water resistant design includes specially treated drivers for mounting outdoors. The enclosure comes with built-in mounting slots allowing the speaker to be hung on the wall without external brackets. Carvin also offers two additional mounting brackets for the PM5. See below

SUGGESTIONS FOR OPTIMAL PERFORMANCE

For optimal stereo performance place your speakers a minimum of 5 feet apart. For home theater surround sound installation, try to keep the speakers at ear level and equal distances from your listening position. If needed, pivot the OMNI™ tweeter for precision adjustments. You may prefer to leave the front grills off for indoor project monitoring. Please see Removing The Front Grills for instructions.

For outdoor or high ceiling installation, angle the speakers downward at the listening position. For longer life of your speakers, do not mount in an area where rain or sprinklers will directly hit the enclosure. Excess moisture will cause the hardware to rust.

REMOVING THE FRONT GRILL

To remove the grills and adjust the OMNI™ tweeter, use a small jeweler's screwdriver or pick and insert along the edges and gently pry the front grill out. Repeated removal of the grill is not recommended as it may loosen the fit of the grill.

MOUNTING THE PM5

The PM5 enclosure has built-in screw mounting slots that allows the speakers to be hung on a flat wall. The optional PM5-UB "U bracket" allows you to angle the speaker up, down, or side to side depending on how the speaker is mounted. The PM5-CS bracket is designed for multi-angle wall placement or for dropping through a ceiling. When fastening the bracket to a wall or ceiling, make sure the mounting screws penetrate a wooden stud or ceiling joist. A safety cable is included as a precaution.

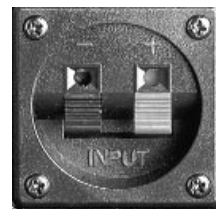
PM5-CS Wall & ceiling mounting bracket with safety cable.

PM5-UB U-bracket allows near 180° pivot for direction adjustments.



REAR CONNECT PLATE

Two standard spring loaded wire terminals are featured. Be sure to use quality 16 gauge speaker wire for best performance. If you are installing your speakers outdoors, make sure you are using speaker wire that is rated to handle weather conditions. Strip back 1/4" of the insulation to expose the copper wires. Twist each end so all wire strands enter the terminal easily. Be sure to connect the "striped" wire to the negative terminal and the other to the positive terminal. Match your polarity at your source (amp or receiver). Wiring your speakers out of phase will effect the quality of your sound and reduce your bass response



CUSTOM PAINTING

Both the front grills and enclosure are paintable. Protect your rear connection plate by masking it off. Leave the grills on while painting. A small amount of overspray through the grills will not hurt your speakers. Do not spray paint directly into your speakers as it may damage them permanently.

PRECAUTIONS

1) DO NOT EXCEED THE POWER RATING as indicated. Excessive power will destroy drivers. 2) DISTORTION from overdriven power amps will destroy drivers much faster than clean power.

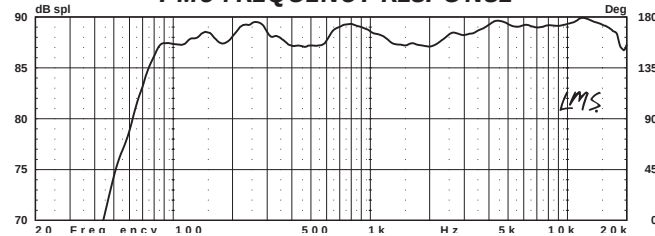
WARRANTY

CARVIN speakers are covered by a ONE year limited warranty unless otherwise stated. Warranty coverage is limited to original manufactures defects only. WARRANTY DOES NOT COVER: 1) Opened or burned voice coils. 2) Torn cones or other damage caused by improper packing or abuse. Return pre-paid by UPS. Include your address and description of the problem. Your speaker(s) will be returned COD for the cost of shipping and repair if not covered under warranty.

RECEIVING INSPECTION

INSPECT YOUR SPEAKERS FOR ANY DAMAGE which may have occurred during shipping. If any damage is found, please notify the shipping company & CARVIN. SAVE THE CARTON & ALL PACKING MATERIALS. In the event you have to re-ship your unit. CARVIN and the shipping company are not liable for any damage caused by improper packing. SAVE YOUR INVOICE. It will be required for warranty service if needed in the future. SHIPMENT SHORTAGE. If you find items missing, they may have been shipped separately. Please allow several days for the rest of your order to arrive before inquiring. Fill out and return the warranty card to Carvin.

PM5 FREQUENCY RESPONSE



MODEL PM5 SPEAKER SYSTEM SPECS:

- Frequency Response:** 75 Hz to 19.5 kHz ± 3 dB
- Useable Low Frequency:** 67 Hz (-10 dB)
- Power Handling:** 100w Continuous Program Pw
- Recommended Amp:** 50 to 150 watts
- Sensitivity:** 93.5 dB SPL, 1 Watt @ 1 meter
- Coverage Angles:** 90° Horizontal, 90° Vertical
- Nominal Impedance:** 8 Ω
- Inputs/Outputs:** Spring Loaded Wire Terminals
- Enclosure Type:** Vented Box
- Enclosure Material:** Injection Molded ABS Plastic
- Dim/Wt:** 6.75"W x 6.5"D x 10.25"H, 4.7lbs.

For your records, you may wish to record the following information.
Invoice Date _____

CARVIN

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