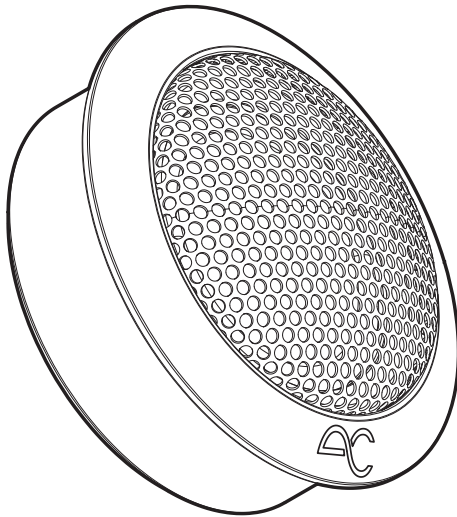


AudioControl®

Making Good Sound Great™

FEATURES

- High fidelity silk dome diaphragm
- Precision aluminum housing
- Embedded sonic damping pad
- Neodymium magnet
- Detachable assembly for OE applications
- Rear dampened hybrid silk dome tweeter for extended frequency response
- Includes multiple mounting accessories
- Umbrella not included



PNW-1

HIGH-FIDELITY TWEETERS

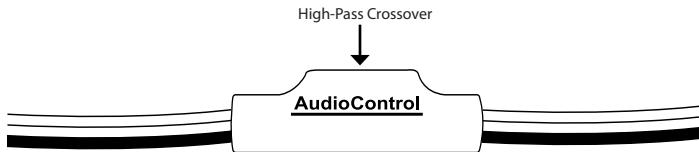
User Guide

Tweeter Installation

Wow! Look how far we have come, you made it to page 2! For those brave enough to tackle the installation on their own, proceed to the next steps. For those feeling out of their comfort zone, don't be threatened, help is available. Our suggestion is that you seek out a qualified AudioControl dealer. They have the skill set and experience to get your new PNW-1 installed properly.

Flush mount

First, remove the factory grille or panel to gain access to the factory driver. Next, remove the factory driver and disconnect the necessary wiring. Before installing the new tweeter, decide whether your system will be wired as passive or active. With a Passive system, the included High-Pass Crossover will be required. With an Active system, we recommend not using the included in-line crossover, but using the crossover in your digital signal processor instead. When setting up your DSP, ensure your crossover is set so that the PNW-1 will play frequencies above 3000Hz. After the driver has been wired, mount the speaker where you removed the factory driver using the factory hardware.



- Blue wire = positive (+).
- Black wire = negative (-).

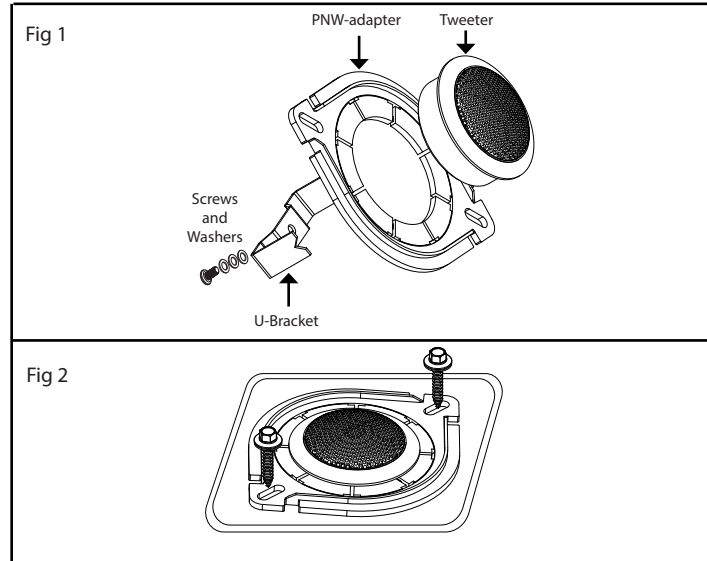
Dash mount

1. Insert the tweeter into the PNW-adapter (Fig 1)

Place the U-bracket on the back side of the tweeter and adapter. (Fig 1)

Use the supplied screw and washers to secure the U-bracket. (Fig 1)

2. Mount assembly using factory hardware. (Fig 2)

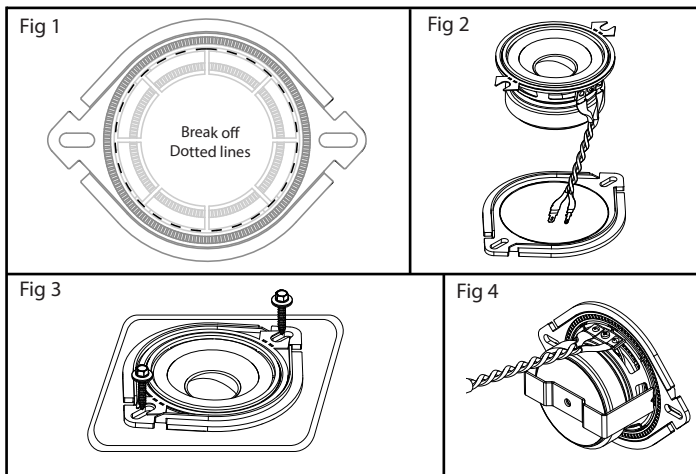


PNW Adapter (Included w/PNW-1 & PNW-65CS2 / 69CS2 Models)

Dash mount installation (PNW-275)

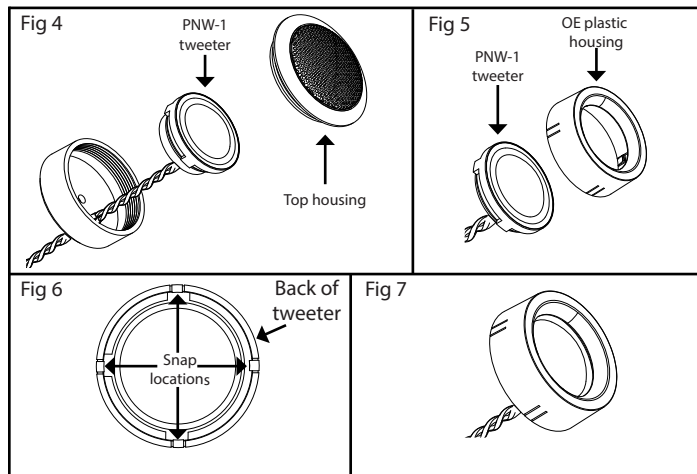
***PNW-275 sold separately**

1. Break off the inside plastic tabs on the PNW adapter: (Fig 1)
2. Insert the PNW-275 onto the top of the adapter. (Fig 2)
3. Mount assembly using factory hardware. (Fig 3)
4. The U-bracket can also mount the PNW-275 to the adapter if needed. (Fig 4)



OE mount installation using PNW-1

1. Unscrew the top housing in a counterclockwise direction. (Fig 4)
2. Insert the PNW-1 into the OE mount plastic housing. (Fig 5)
3. Push the tweeter into the housing until all 4 spots snap in place. (Fig 6)
4. Mount the assembly into the OE factory location using original hardware or snap fit to factory panel. (Fig 7)



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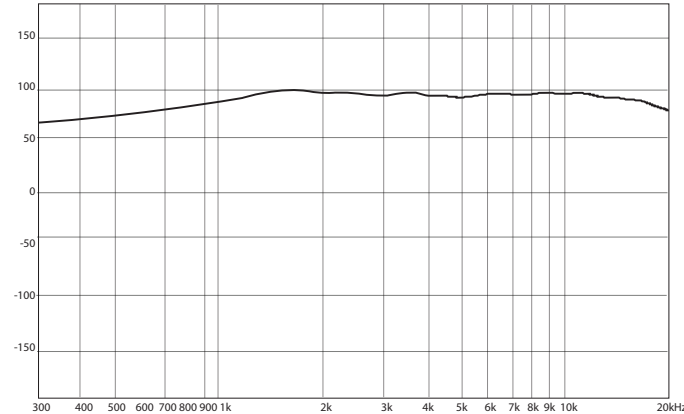
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PNW-1 Specifications

DC Resistance (Re).....	2.3 ohms
Nominal Impedance (Z).....	3 Ohms
Resonance Freq. (Fs).....	1.621 kHz
Mechanical Q Factor (Qms).....	6.92
Electrical Q Factor (Qes).....	2.3091
Total Q Factor (Qts).....	1.7314
Frequency Response.....	1k-20kHz
Tweeter Voice Coil Diameter.....	25 mm

Continuous Power Handling (watts RMS)

MIN	IDEAL	MAX
75	100	125



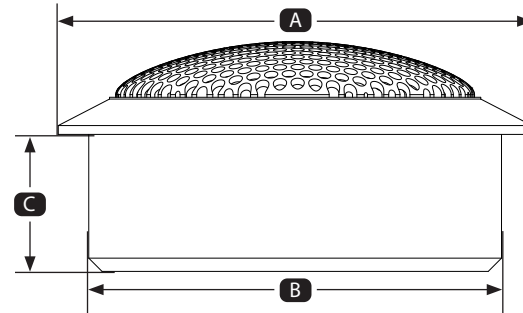
In-line crossover Specifications

Crossover Type	1st order Butterworth
Crossover Frequency	3.5kHz HP
Slope (Octave).....	-6 dB

***In-line crossover is Not Included in 2 way component set**

Dimensions

Overall Diameter (w Grille) (A)	2.13 in / 54 mm
Cut Out Diameter (B)	1.85 in / 47 mm
Mounting Depth (C).....	0.63 in / 16 mm



The Warranty

In just the same way as being covered in honey and thrown into a dark pit full of hungry woodchucks, people are scared of warranties. Lots of fine print. Months of waiting around. Well, fear no more. This warranty is designed to make you rave about AudioControl. It's a warranty that looks out for you and your client, plus helps you resist the temptation to have your friend Sparky, who's "good with electronics," try to repair your AudioControl product. So go ahead, read this warranty, then register the information at www.audiocontrol.com/product-registration and include your comments.

Our warranty has conditional conditions! "Conditional" doesn't mean anything ominous. The Federal Trade Commission tells all manufacturers to use the term to indicate that certain conditions have to be met before they'll honor the warranty. If you meet all of these conditions, AudioControl will, at its discretion, repair or replace any AudioControl speaker products that exhibit defects in materials and/or workmanship for one (1) year from the date you bought it. We will repair or replace it, at our option, during that time.

Here are the conditional conditions:

1. You must fully register your purchase within 15 days of the purchase date by going to the AudioControl product registration page at:
www.audiocontrol.com/product-registration
Failure to register your product will negate the warranty.
2. You need to hold on to your sales receipt! All warranty service requires original sales receipt documentation. The warranty only applies to the original purchaser from an authorized AudioControl dealer. Note: Products purchased from unauthorized dealers are not covered under warranty.

3. The AudioControl speaker products must have originally been purchased from an authorized AudioControl dealer. **If an authorized AudioControl dealer installs your AudioControl product, the warranty is extended to two (2) years.**
4. Our warranty covers AudioControl products that have been installed according to the instructions in this manual.
5. You cannot let anyone who isn't: (A) the AudioControl factory; or (B) someone authorized in writing by AudioControl, service your AudioControl product. If anyone other than (A), or (B) messes with your AudioControl product, the warranty is void.
6. The warranty is void if the serial number is altered, defaced or removed, or if your product has been used improperly. Now that may sound like a big loophole, but here is what we mean by this: Unwarranted abuse is: (A) physical damage (don't use your product to pound in fence posts); (B) improper connections (120 volts into the speaker terminals can fry the poor thing). This is the best product we know how to build, but for example, if you mount it to the front bumper of your car, drop it over Niagara Falls, or use it for anchoring your boat, something will go wrong.

Assuming you conform to 1 through 6, and it really isn't all that hard to do, we get the option of fixing your product, or replacing it with a new one, at our discretion.

In the event that your product is out of warranty or not covered under our warranty, you may request to have any damage repaired at our normal "Out of Warranty" repair cost.

Legalese

The warranty above is the only warranty issued by AudioControl. This warranty gives you specific legal rights, and you may also have rights that vary from state to state.

Promises of how well your AudioControl product will work are not implied by this warranty. Other than what we've said we'll do in this warranty, we have no obligation, express or implied. We make no warranty of merchantability or fitness for any particular purpose. Also neither we nor anyone else who has been involved in the development or manufacture of the unit will have any liability of any incidental, consequential, special or punitive damages, including but not limited to any lost profits or damage to other parts of your system by hooking up to the unit (whether the claim is one for breach of warranty, negligence of other tort, or any other kind of claim). Some states do not allow limitations of consequential damages.

For more information about this fine product, and for additional details of the limited warranty and repair services, please visit www.audiocontrol.com

For technical questions, please visit www.audiocontrol.com/knowledge-base/

AudioControl, Inc.

Phone: 425-777-7723

Email: support@audiocontrolmobile.com

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All specifications are subject to being covered in hot sauce without notice.

As technology advances, AudioControl reserves the right to continuously change our specifications, like our Pacific Northwest weather, although we are working on changing that as well.

