



XTANT INTEGRATED SEPARATES

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The Xtant Integrated Separates are designed to easily work in factory locations as well as custom mounts and pods. The concentrically mounted drivers have excellent on or off axis response allowing the user to explore multiple mounting positions while obtaining the desired acoustic response. The XIS drivers afford the listener the ability to customize the system to their own listening taste by simply choosing a dispersion module for the tweeter. Please refer to the explanations below when optimizing the system.

DISPERSION MODULE OPTION

The Xtant Integrated Separates offer two dispersion modules for flexibility in mounting position. The smaller module allows for a wider dispersion of sound where as the larger option narrows the dispersion field thereby giving a more direct sound pattern. In many applications, we have found with door mounted locations, a wider dispersion pattern works well. In contrast, a narrower dispersion pattern works well in direct radiating situations. Both options are provided to meet your listening needs. Please refer to the diagram on the back when changing the dispersion module.

SPEAKER PROTECTION

Speaker grills are provided for use in protecting the driver when the Integrated Separates are mounted somewhere other than the existing factory location.

MOUNTING THE DRIVER

The most important factor in achieving good acoustic response is properly mounting the driver. Be sure that the speaker is mounted to a solid baffle in order to isolate the front sound wave from the back sound wave. This can be achieved by creating a solid, airtight seal between the speaker and its mount.

WIRING

It is important to use good quality speaker wire when installing speakers. Additionally, a tight connection is very important in speaker installations. A loose connection can cause a speaker to cut in and out or become distorted and harsh.

BI-AMP CAPABILITY

If you wish to drive the woofer and tweeter with separate amplifiers (bi-amp), you must bypass the built on crossover. To do this, remove the wires connecting the (-) woofer terminal to the (-) tweeter terminal, and remove the capacitor between the (+) woofer terminal and the (+) tweeter terminal. The end result will be separate connections for woofer and tweeter. You must send a signal that is crossed over directly to the woofer and tweeter connections on the driver. If you're using an Xtant amplifier either the on board crossover or a crossover module will provide this signal. Be sure to refer to the frequency response for the specific driver when choosing your crossover points.

TWO- YEAR LIMITED U.S.A. WARRANTY

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Xtant Technologies Incorporated (Xtant) warrants its amplifiers and accessories to be free from defects in materials and workmanship under normal use and service for a period of two (2) years from the date of original purchase when the unit is installed by an Authorized Xtant Select Dealer. Non-Authorized Dealer installed products carry a ninety (90) day parts and labor limited warranty. The extent and conditions of Xtant's Limited Warranty are as follows:

1. Authorized Xtant Select Dealer Installed Products: Xtant will either repair or replace at no charge, to the original purchaser, any unit which Xtant's examination discloses to be defective and under warranty, provided the defect occurs within two (2) years from the date of purchase when the unit is installed by an Authorized Xtant Select Dealer and the product is returned immediately to Xtant. This warranty is not transferable.
2. Non-Authorized Xtant Dealer Installed Products: Xtant will either repair or replace at no charge, to the original purchaser, any unit which Xtant's examination discloses to be defective and under warranty, provided the defect occurs within ninety (90) days from the date of purchase and the product is returned immediately to Xtant. This warranty is not transferable.
3. The date of purchase and proof of Authorized Dealer Installation of

an Xtant amplifier and/or accessory must be established by an original (or copy of the original) sales receipt which must accompany the article being returned for warranty work.

4. This warranty shall NOT apply to any Xtant unit found to have the original factory serial number removed or defaced. All products received (by Xtant) for in warranty or out of warranty repair, with their original serial numbers removed or defaced, will NOT be repaired and will be returned to sender, freight collect.
5. The provisions of this warranty shall not apply to any Xtant unit used for a purpose for which it is not designed, which has been repaired or altered in any way, or which has been connected, installed, or adjusted other than in accordance with the instructions furnished in Xtant's owner's manual. Nor shall this warranty apply to any part which has been subject to misuse, neglect, or accident.
6. Xtant does not authorize any other persons to assume any other liability in connection with its products. THIS WARRANTY IS THE ONLY EXPRESS WARRANTY MADE BY XTANT APPLICABLE TO ITS PRODUCTS. ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO XTANT'S AMPLIFIERS AND OR ACCESSORIES IS LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY. XTANT SHALL NOT BE LIABLE FOR THE INCIDENTAL, CONSEQUENTIAL, OR COMMERCIAL DAMAGES RESULTING FROM THE BREACH OF THIS WRITTEN

WARRANTY. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so the above limitations or exclusions may not apply to you.

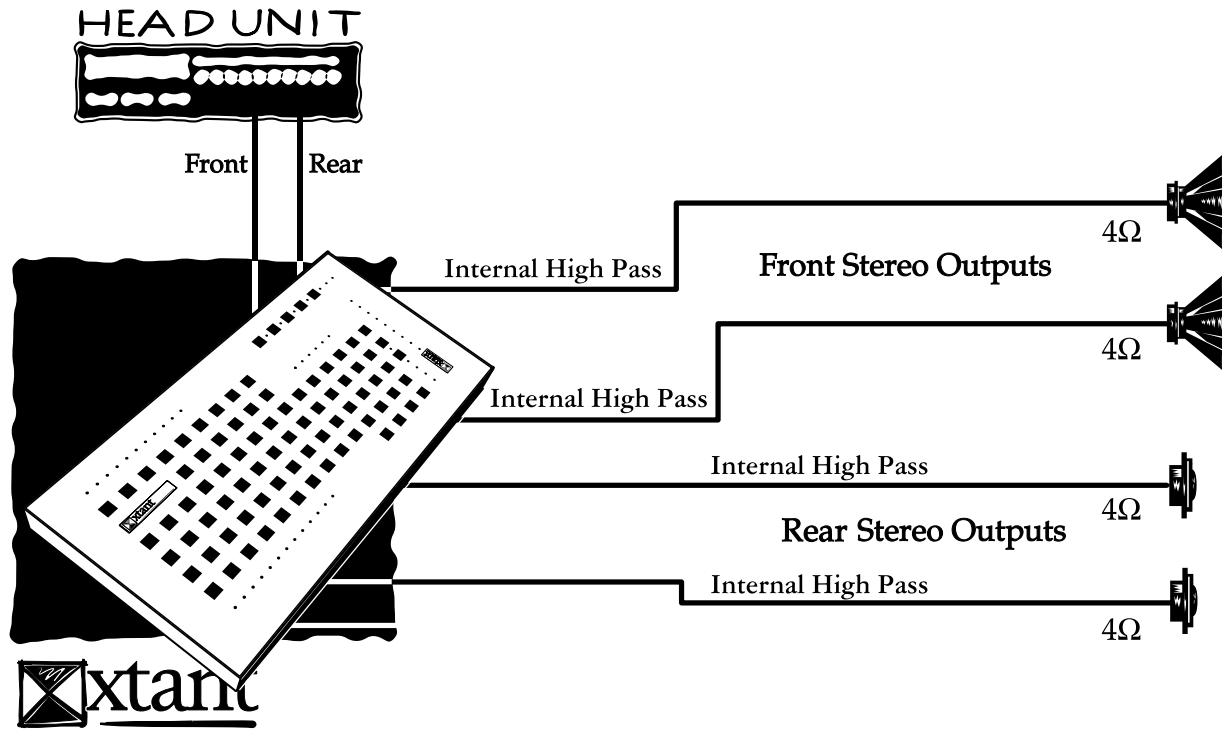
7. Your unit will be serviced on an in-warranty basis within the warranty period for the correction of warranted defects. If improper operation of your Xtant product should occur, contact your Authorized Xtant Select Dealer for assistance with the return and factory repair of your Xtant product. If an Authorized Xtant Select Dealer is not available, please contact **Xtant's Customer Relations Department at (602) 431-8686 from 8:00 am to 5:00 pm (MST) for assistance.**

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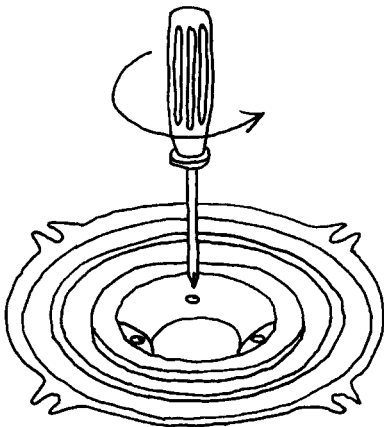
TO RETURN XTANT PRODUCTS OUT OF WARRANTY: Contact Xtant's Customer Relations Department at (602) 431-8686 from 8:00 am to 5:00 pm (MST) for a Return Authorization Number. Return the unit, postage prepaid, in the original protective carton. Please include a description of the problem and, if desired, a request for an estimate of repair costs. Unless a request for an estimate is included, the unit will be repaired as necessary. Repaired unit will be returned with an itemized statement, C.O.D.



BI-AMP OPTION



OPTIONAL DISPERSION MODULE RING INSTALLATION INSTRUCTIONS



- 1) Use a small phillips screwdriver to remove the screws you find in the dispersion module ring by turning them counter clockwise.
- 2) Remove the 3 screws and take the dispersion module ring out of its support, being very careful not to break the tweeter coil connection cables.
- 3) Place the optional dispersion module in the correct position and insert the coil cables before replacing and tightening the screws.

