



# XTANT SLIM COMPONENTS

Xtant Slim Components offer the flexibility of being installed in a number of applications. The very shallow mounting depth of the woofer allows mounting in shallow doors. In addition, the variable mount tweeter and built in attenuation circuit allow the user to customize the system to his / her listening taste. Please refer to the options below when installing the Xtant Slim Components.

## DISPERSION MODULE OPTION

The Xtant Slim Components offer two tweeter 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.

## SPEAKER PROTECTION

Speaker grills are provided for use in protecting the drivers when the components are mounted somewhere other than the existing factory locations.

## 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. Please review the tweeter mounting options at the end of this section.



## WIRING THE DRIVER AND CROSSOVER

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.

A 12db per octave two-way crossover is included in the Xtant Slim Components. When using the XSC crossover with these speakers, run a positive and negative speaker lead from the amplifier (if no external amplifier, use speaker outputs from source unit) to the input section of the crossover. Wire a second set of leads from each of the tweeter and woofer positions to their corresponding drivers. The tweeter option allows the installer to choose a +3db, 0, or -3db setting in order to customize the driver for all vehicle types.

## 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

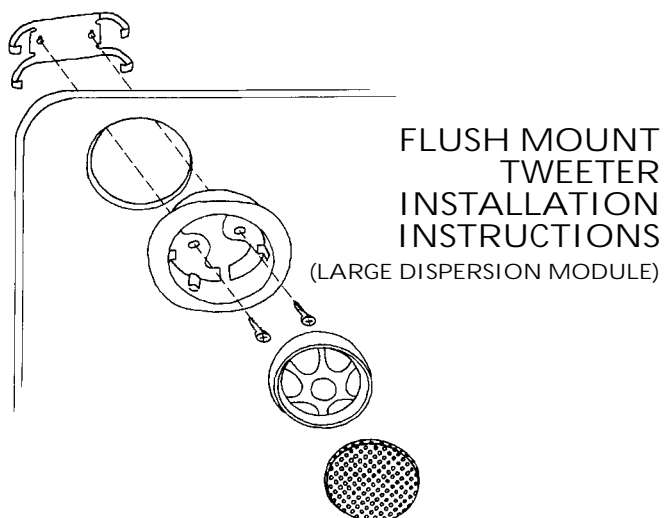
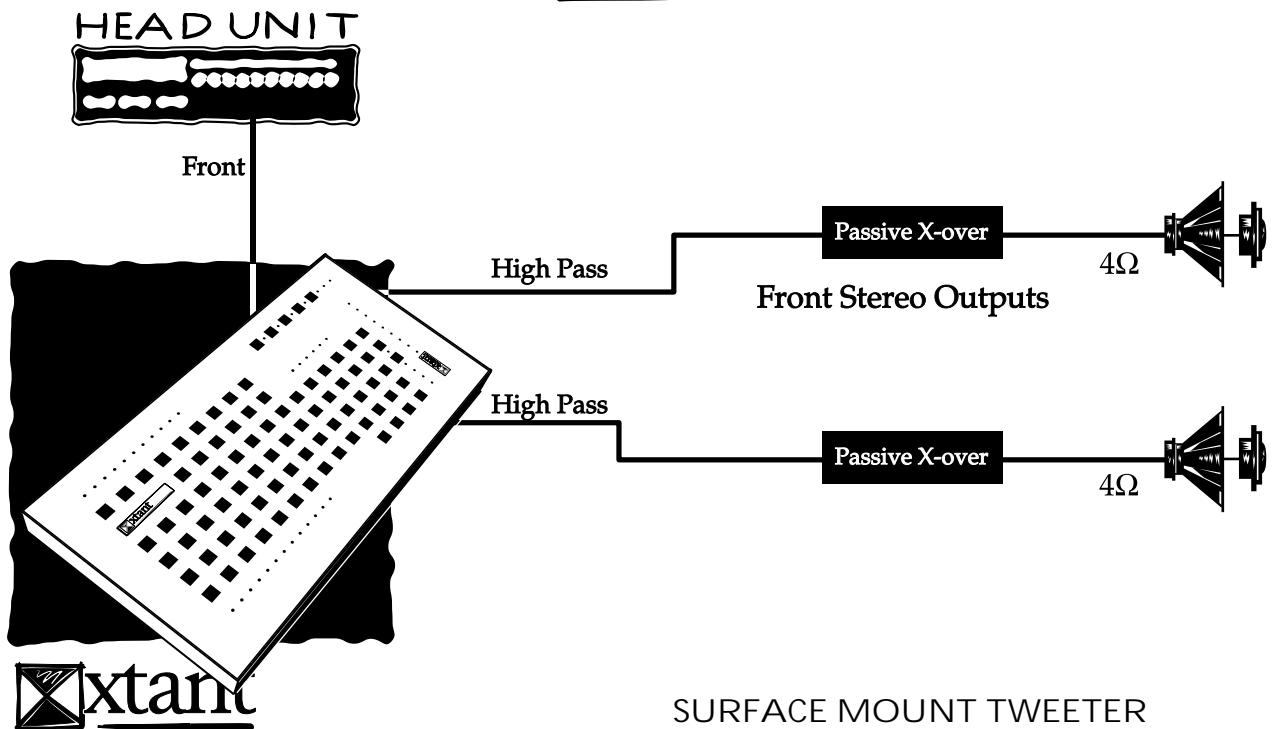
WARRANTY. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so the above limitations or exclusions may not apply to you.

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.**

**Xtant Technologies • 7676 South 46th Street • Phoenix, AZ 85040**

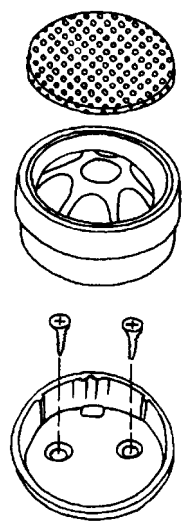
**TO RETURN XTANT PRODUCTS OUT OF WARRANTY:** Contact Xtant's Customer Relations Department at (602) 431-8686 from 8:00 am to 5:00 pm (MST) for a Return Authorization Number. Return the unit, postage prepaid, in the original protective carton. Please include a description of the problem and, if desired, 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.





**SURFACE MOUNT TWEETER INSTALLATION INSTRUCTIONS**  
(SMALL DISPERSION MODULE)

- 1) Place the angled mount supports into position and secure them with the screws provided
- 2) Thread the wires through the hole in the support bracket, you must remove the isolation boots from the wires to fit them thru the hole (See fig 1 below), replace the isolation boots once the wires are threaded thru to prevent short circuits.
- 3) Insert the tweeter into the support bracket until it clicks into place.



- 1) Remove the door panel (if necessary)
- 2) cut a 48mm hole where you wish to position the tweeter
- 3) Insert the screws into the flush mount support bracket and screw them into the metal bracket
- 4) Place the support bracket into the hole you cut in the door panel, screw it down so it is firmly attached to the door panel
- 5) Thread the tweeter wires through the hole in the support bracket, and insert the tweeter into the bracket until it clicks into place
- 6) Now your tweeter is ready to be wired, after the installation is complete, put the door panel back into place.

