

INSTALLING AN RM MODULE

STEP 1: Locating the Connectors

A. Remove the RM Module from the packaging and inspect the circuit board.

B. Locate the two connectors soldered on the bottom of the circuit board. See illustration 1

C. Simply align the two connectors with the two circuit board mounted receptacles located on the 302a and 403a amplifiers and plug the RM Module into place by applying downward pressure.

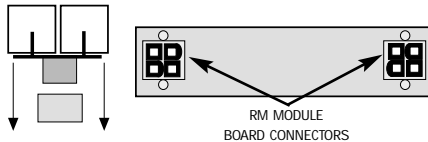


illustration 1

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STEP 2: Selecting an RM Module

The RM Modules serve two purposes. First they activate the “passive speaker terminals” on the 302a & 403a and, secondly, they add 4, 8, 12 or 16 dB of attenuation to the speakers attached to the “passive speaker terminals”. Normally, the rear fill speakers are attached to the “passive speaker terminals” but any speakers (ie tweeters / center channel) that you desire to attenuate (turn down) may be attached to these terminals. The appropriate module is dependent upon speaker efficiency and the distance of the listener to the speakers. In a mini or standard pick-up truck, where the rear speakers are in relatively close proximity, the higher value RM 12 or RM 16 may be appropriate. In a sedan or coupe, the RM 4 or RM 8 may be better suited. The modules are easily interchanged and a little experimentation will help you determine the best value.

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STEP 3: Plugging-in the RM MODULE



illustration 3

A. Turn-off amplifier. Remove amplifier cover and locate the two RM Module receptacles.

B. Align the RM Module and press it onto the port by applying downward pressure. There is no polarity that needs to be observed. Be sure that the connectors are fully seated.

C. Turn amp on and audition the system. If further adjustment is necessary, turn amp off and exchange the RM Module for a higher or lower value.

Warning, the RM Modules will become HOT during normal use. To avoid burns, caution should be taken when exchanging an RM Module.

RM MODULES

Designed for use with the A Series Amplifiers

Increase Tuning Options and Staging

Speaker Level Attenuation: Via Resistors

Number of Resistors: 2 per module

Levels of Attenuation:

RM 4 = 4 dB

RM 8 = 8 dB

RM 12 = 12 dB

RM 16 = 16 dB

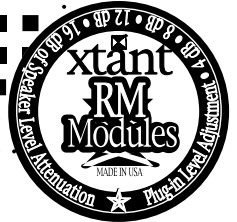
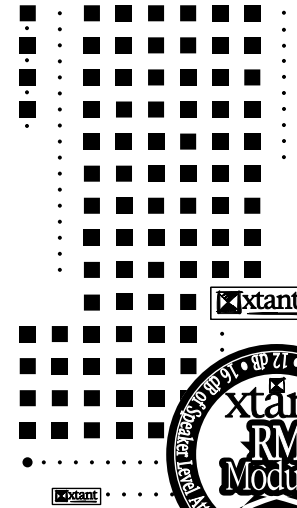
Inserting an RM module onto its associated port activates the “passive speaker terminals” located on the 302a and 403a amplifiers. The RM 4, RM 8, RM 12 & RM 16 resistor modules are designed to provide four different levels of speaker attenuation.

FOUR - 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 (Xtant) warrants its amplifiers and accessories to be free from defects in materials and workmanship under normal use and service for a period of four (4) 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 one (1) year 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 four (4) 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 one (1) year 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) 970 9900 from 8:00 am to 5:00 pm (MST) for assistance.

OWNER'S MANUAL  RM Modules



XTANT TECHNOLOGIES



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