

# SRA-KIT & SRA-100 Satellite Radio Antenna Amplifier

## Introduction

The SRA-KIT is a satellite radio antenna amplifier/cable kit that is required for extending your antenna run beyond its 20 ft. lead. An in-line amplifier allows you to place the antenna up to 100 ft. away from the XM-R3™ Satellite Audio Receiver using RG-6 coaxial cable.

The SRA-100 is an add-on antenna amplifier that allows you to go an additional 100 ft. over RG-6 coaxial cable. A maximum of three (3) SRA-100s can be connected in-line together for a total run length of 300 ft. To put it another way, you can add up to two (2) SRA-100's to the SRA-KIT to achieve a total distance of 300 ft. over a single run of RG-6.

### Included in the SRA-KIT:

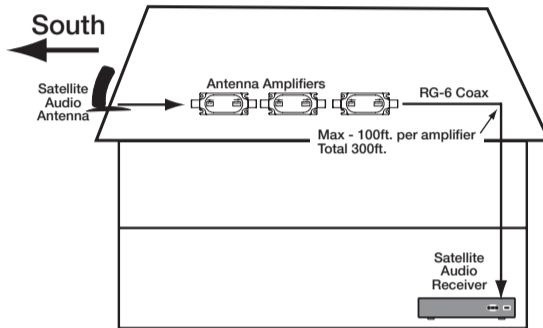
- 1 SRA-100 In-line Amplifier
- 1 BNC-to-Antenna cable (2 meter)
- 1 F Male to BNC Connectors
- 1 F Female to BNC Connector
- 1 SMB to F Male

### Included in the SRA-100:

- 1 SRA-100 In-line Amplifier
- 1 F Male to F Male Connector

## Antenna and Amplifier Location

- For best reception, the antenna should be mounted in an outside location facing south.
- Antenna amplifiers need to be located within reach of the 20 ft. length of cable that is attached to the antenna.



- If using multiple antenna amplifiers, they should be together in-line within 20 ft. of the antenna itself.

## Determining the Number of Amplifiers

1. Determine where the satellite audio antenna will be located.
2. Determine the RG-6 wire run distance from the head end to the antenna.

RG-6 Wire Run	# of Amplifiers
Up to 100 ft.	1
Up to 200 ft.	2
Up to 300 ft.	3

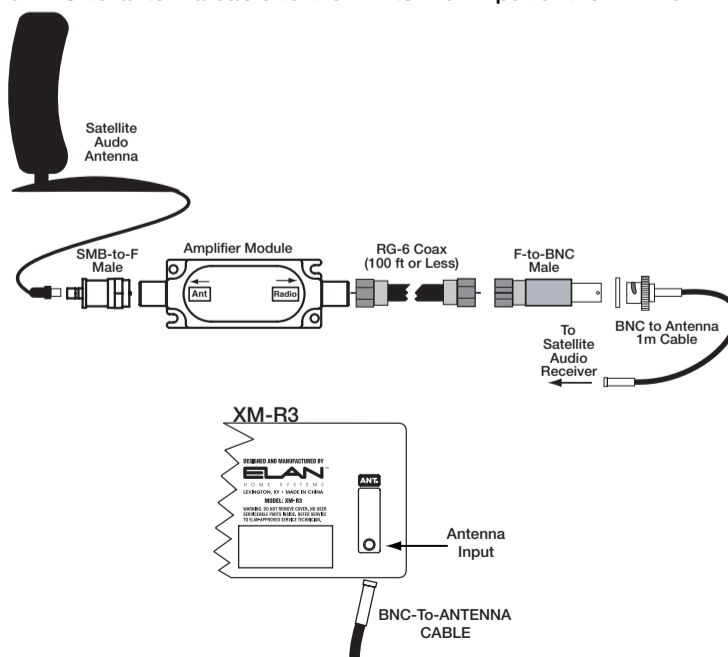
3. Determine the number of antenna amplifiers that will be needed.

## Connections

### A. When not using a PS12 Precision Panel):

Install the in-line amplifier(s) between the antenna and the satellite audio receiver.

1. Connect the amplifier module to the cable extending from the antenna using the SMB-to-Male F connectors. Ensure that the "ANT" jack of the in-line amplifier is connected to the antenna output.
2. Connect the RG-6 coax cable routed from the head-end location to the "RADIO" output of the in-line amplifier.
3. Connect the other end of RG-6 coax to the BNC-to-antenna cable using the female F-to-BNC connector.
4. Connect the other end of the BNC-to-antenna cable to the "Antenna" input of the XM-R3.

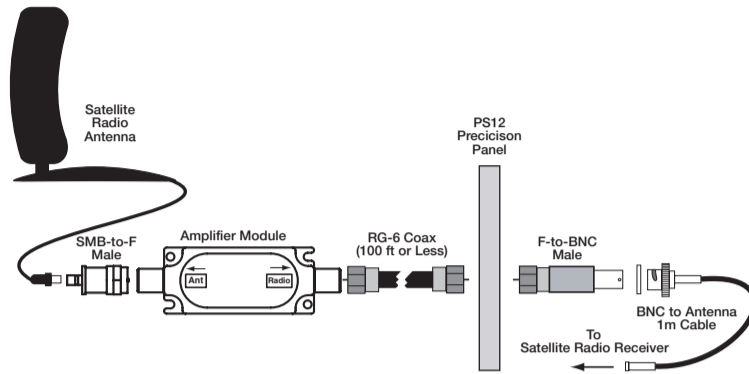


## Connections (cont'd)

### B. Installations using a PS12 Precision Panel:

Follow Steps 1-2 from the section above.

1. Connect the other end of RG-6 coax to the Antenna input on the PS12 Precision Panel.
2. Connect the BNC-to-antenna cable to the PS12 Precision Panel using the male F-to-BNC connector.
3. Connect the other end of the BNC-to-antenna cable to the "Antenna" input of the XM-R3, as described in Step 4 of the previous section.



### Adding Additional SRA-100 Amplifiers

Up to two (2) SRA-100's can be added to an SRA-KIT. Add one SRA-100 for cable runs up to 200 ft. Add two SRA-100's for cable runs of up to 300 ft.

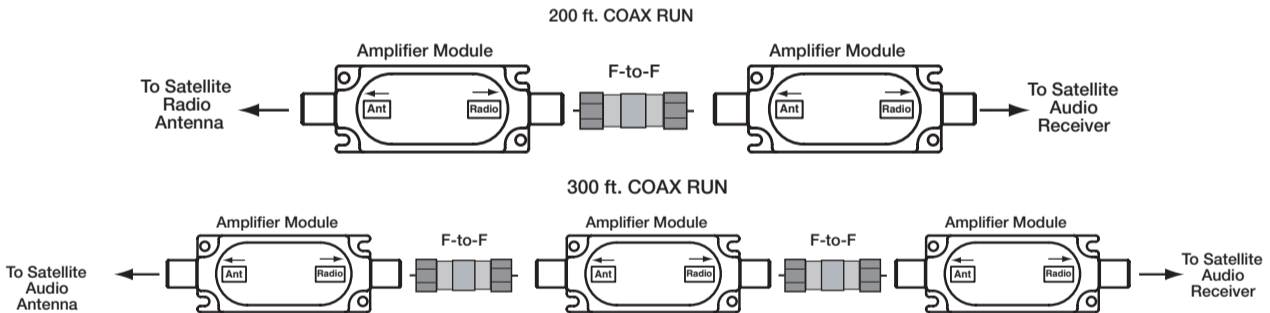
Add additional SRA-100's to the SRA-KIT by connecting the amplifiers together using the provided male F-to-F connector to the as shown below.

**NOTE:** The maximum RG-6 cable run is 300 feet!

Once all connections are made, check reception by carefully following the instructions in the Satellite Audio Receiver Installation Manual.

Tighten the antenna mount securely once all adjustments are completed.

Activate each of the three tuners with your satellite provider.



## Limited Warranty

ELAN HOME SYSTEMS L.L.C. ("ELAN") warrants the SRA-KIT and SRA-100 to be free from defects in materials and workmanship for the period of two years (2 years) from date of purchase. If within the applicable warranty period above purchaser discovers that such item was not as warranted above and promptly notifies ELAN in writing, ELAN shall repair or replace the item at the company's option. This warranty shall not apply (a) to equipment not manufactured by ELAN, (b) to equipment which shall have been installed by other than an ELAN authorized installer, (c) to installed equipment which is not installed to ELAN's specifications, (d) to equipment which shall have been repaired or altered by others than ELAN, (e) to equipment which shall have been subjected to negligence, accident, or damage by circumstances beyond ELAN's control, including, but not limited to, lightning, flood, electrical surge, tornado, earthquake, or other catastrophic events beyond ELAN's control, or to improper operation, maintenance or storage, or to other than normal use of service. With respect to equipment sold by, but not manufactured by ELAN, the warranty obligations of ELAN shall in all respects conform to the warranty actually extended to ELAN by its supplier. The foregoing warranties do not cover reimbursement for labor, transportation, removal, installation or other expenses which may be incurred in connection with repair or replacement.

Except as may be expressly provided and authorized in writing by ELAN, ELAN shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured by ELAN or services rendered by ELAN.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES EXCEPT WARRANTIES OF TITLE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

#### ATTENTION: TO OUR VALUED CONSUMERS

To ensure that consumers obtain quality pre-sale and after-sale support and service, ELAN Home Systems products are sold exclusively through authorized dealers. ELAN products are not sold online. The warranties on ELAN products are NOT VALID if the products have been purchased from an unauthorized dealer or an online E-tailer. To determine if your ELAN reseller is authorized, please contact ELAN Home Systems at (859) 269-7760.

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