



## AUX-GM4X

### QUICK START INSTALLATION GUIDE FOR SELECT 2006-14 GM LAN RADIOS **WITH XM MODULE**

Created August 11, 2017  
Revised July 31, 2023

## PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This installation guide is provided as a GENERAL installation guide, some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

## Requirements:

XM Tuner module with or without subscription

## Introduction

Thousands of GM Cars, Trucks and SUV's radio may include an AUX jack on faceplate; however, over time the jack has a tendency to break. So, what do you do when this happens? Many opt to repair, purchase a replacement radio or ignore it. We decided to offer the AUX-GM4X. This harness connects to the XM port on the radio and is independent of radio faceplate jack. Consider the AUX-GM4 if a 2<sup>nd</sup> aux input is required.

Be mindful:

1. For the AUX-GM4X to work, **vehicle MUST have an XM tuner module (with or without subscription).**
2. XM Tuner module is a metal box (See **Fig. 1**) installed in a remote area of vehicle. (It is not built-into the AM/FM radio in the dash)

**Warning:** XM tuner module is NOT built into the AM/FM radio, but a separate box in remote area. (See **Fig. 1**) To verify vehicle has XM Tuner, press "BAND" button until XM1/XM2 is displayed. If only AM/FM is displayed; vehicle does not have required XM Tuner installed. On Navigation radios if XM1/XM2 is "grayed out" vehicle does NOT have required XM Tuner installed.

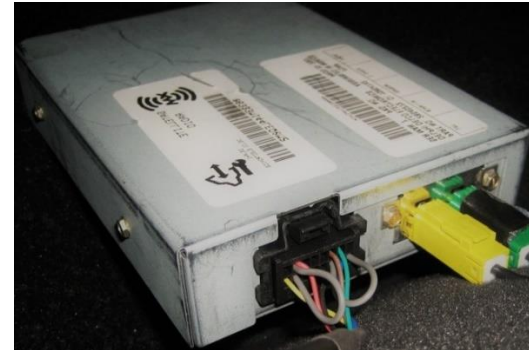


Fig. 1

See **Frequently Asked question** at the end of this guide for more details.

## Installation

Radio must be removed from dashboard to gain access to connectors. Vehicle specific removal instructions are not part of this guide but **available upon request**. With radio removed:

1. Disconnect 16-pin XM plug (See **Fig. 2**) from radio  
**Note: Radios may have multiple 16-pin connectors which are "keyed" to avoid making the wrong connection. (See Fig. 3)**

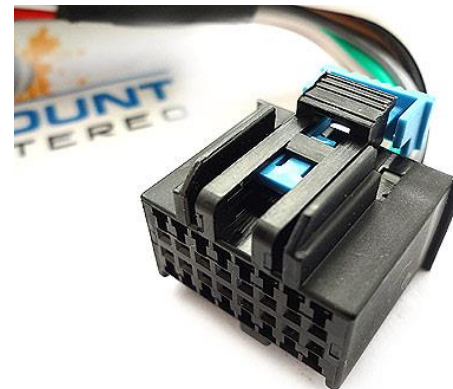
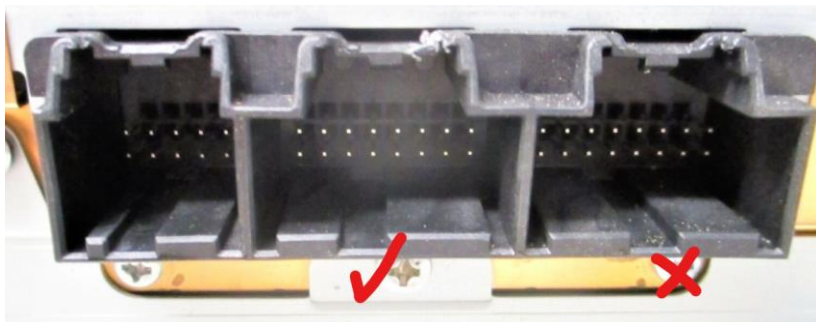
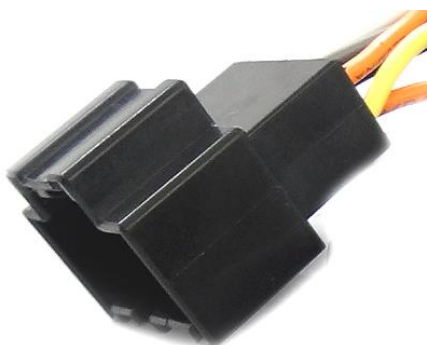


Fig. 2



**Fig. 3**

2. Connect XM 16-pin plug to 16-pin connector on harness (See Fig. 4)
3. Connect harness 16-pin plug (See Fig. 2) to radio 16-pin socket vacated in step 1 (See Fig. 3)



**Fig. 4**

16-pin connector

4. Carefully route audio jack (See Fig. 5) to a location on dash or nearby panel where it will be mounted. (Cable is 4 ft.)  
Mounting location will vary based on vehicle and customer's preference.



Audio jack (active XM)

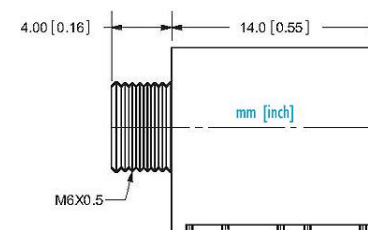


Audio jack (expired XM)

**Fig. 5**

Audio Jack

5. **Optional:** Drill a 1/4" hole in dash or panel, push threaded end through hole and secure with nut (See Fig. 6)



**Fig. 6**

**Warning:** Jack may be left freestanding, but to be mounted, ensure panel is no thicker than 1/8" otherwise shaft may not protrude enough to engage with nut. If necessary, use dremel, sander etc. to thin panel.

## Operation

1. Turn radio "ON"
2. Press "BAND" or "XM" button until XM1 or XM2 is displayed
3. Connect audio device to 3.5mm jack using included 3 ft. audio cable or similar (See Fig. 7)
4. Put audio device in play mode and enjoy.



Fig. 7

Male-male audio cable

5. Use radio volume control button to set playback level. If distortion is heard lower volume on audio device.

**Warning:** Playlist and Track selection is \*NOT\* possible from the Radio. You must use the audio devices built-in controls to access audio files.

6. To listen to XM simply disconnect 3.5mm audio plug from jack and operate XM as customary
7. If correct operation is confirmed go ahead and reinstall Panels surrounding the XM tuner.

**Alert:** When listening to XM audio jack must be empty (no connection) otherwise unwanted noises may be present.

## Frequent ask questions & troubleshooting

1. Does the AUX-GM4X work on all LAN radios?  
**YES;** so long vehicle has an **XM module**. (See Fig. 1)
2. Does this cable work if vehicle does not have XM Tuner?  
**NO.** XM Tuner required for this cable to work as described
3. The aux jack on my radio is broken. Will the AUX-GM4X work?  
The AUX-GM4X is independent of radio aux jack. If aux jack is broken, the AUX-GM4 is a great alternative; however, your vehicle must have an **XM Tuner module** with or without subscription. Subscription is retained (Select subscribed at checkout)
4. What is the difference between subscribed and not subscribed?  
If subscription has expired with **no intentions to renew**, purchase "Not subscribed", otherwise purchase "Subscribed"  
**Important:** Not subscribed cable does **not allow** XM playback at any time, therefore to retain XM playback (now or in the future), purchase "Subscribed" version.
5. I don't know if vehicle has required XM module. How can I find out without ripping the car apart?  
Turn radio "ON", press "BAND" or "XM" button repeatedly to cycle through AM/FM/XM1/XM2. **If only AM/FM is displayed, vehicle does not have an XM Tuner and is not compatible with this part.**
6. Does this cable also work if nothing's wrong with radio aux jack?  
**YES,** this cable works regardless of aux jack status. With the AUX-GM4X and radio "AUX" it is possible to have two auxiliary inputs working independent of each other. Vehicle must have XM Tuner module (with or without subscription) for the AUX-GM4X to work.
7. Where is the XM module located in my vehicle?  
See chart on next page.

\*Warning: Not applicable to 2007 Silverado Classic. These requires our [AUX-GM3](#) or [AUX-GM3x](#)

Make	Model	XM Tuner Location
	Enclave	Left Rear Q-Panel
	Lucerne	Right Rear Trunk
Cadillac	DTS	Behind right-rear quarter panel
	Escalade	Behind Glove box
	ESV	Behind Glove box
	EXT	Behind Glove box
	SRX	Behind right side rear quarter panel
Chevrolet	Avalanche	Behind Glove box
	Cobalt	User rear deck
	Equinox	Behind right rear Q-panel
	HHR	Behind rear left Q-Panel
	Impala	Behind rear left Q-Panel
	Malibu	Under Rear deck
	Silverado	Behind Glove box
	Suburban	Behind Glove box
	Tahoe	Behind Glove box
	Traverse	Behind right rear Q-Panel
GMC	Acadia	Rear Right Q-Panel
	Sierra	Behind Glove box
	Yukon/Denali	Behind Glove box
	Savana	Behind Glove box
Pontiac	G5	Under rear deck
	G8	Under rear deck
	Solstice	Behind passenger side rear quarter panel
	Torrent	Behind driver side rear quarter panel
	Vibe	Behind passenger rear quarter panel
Saturn	Aura	Under rear deck
	Outlook	Behind passenger side rear quarter panel
	Sky	
	Vue	

**Note:** These XM tuner locations are to the best of our knowledge and as of the date of the publication. Please verify location in your vehicle prior to ordering.

#### Disclaimer

- This product has no affiliation with GM.
- We're not liable for misuse of this product.
- We recommend professional installation.

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

© 1995-Jul-23 Discount Car Stereo, Inc. All rights reserved. Information in this document is subject to change without notice. Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.