GM

Bluetooth 4.2

Driving without distraction is a necessity for a safer driving experience.

BTA-GM4x

QUICK START MUSIC STREAMING INSTALLATION GUIDE FOR GM LAN WITH XM MODULE

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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
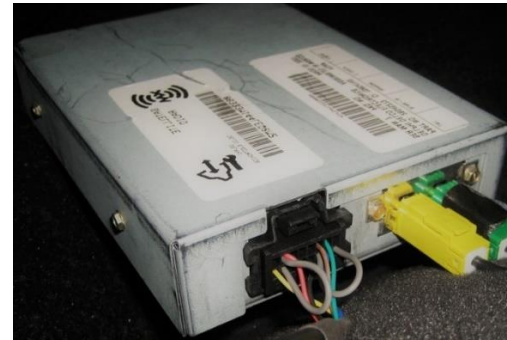XM TUNER MODULE (U2K) WITH ACTIVE OR EXPIRES SUBSCRIPTION

Introduction

Many 206-14 GM LAN vehicles were outfitted with XM and may have offered a 1-year free subscription. Many opted to renew subscription while others did not, nevertheless the XM module remains installed. If your GM vehicle has an XM module (with or without subscription); the BTA-GM4x (**formerly A2D-GM4x**) makes use of the XM port to input audio from smart device. A Bluetooth connection means no wires, clutter or complicated setup. Simply connect the BTA-GM4x to XM module in remote area of vehicle (trunk, hatch, below glovebox etc.) pair audio device, and enjoy music applications including internet music streaming sites, audiobooks, navigation apps and more. For the BTA-GM4x to work, <mark>vehicle must have XM module</mark> (with active or expired subscription).
Alert: If currently subscribed; service remains uninterrupted. *Simply select "Active subscription: or "Expired subscription" when ordering and your module will be built accordingly. If not currently subscribed and do not plan to renew in the future; select "Expired subscription". An AUX input jack will be provided to which users may connect and play portable audio devices. See page 3 for details.*
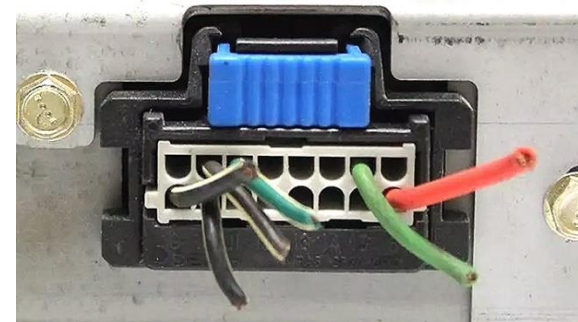
See Frequently Asked question at the end of this guide for details.

Installation

1. Locate XM module. (See **Fig. 1**)
   For help with XM module location; go to last page of this guide.
2. Press black tab to release and disconnect factory 16-pin plug from XM module (See **Fig. 1**)
   Alert: *Vehicles with 16-pin Delphi plug (See **Fig. 2**) must first **pull back the** blue locking tab, **press black release tab** and pull plug to release. (Avoid pulling wires)*

Fig. 1
XM module

Fig. 2
Delphi 16-pin plug

3. Connect factory 16-pin plug (See **Fig. 2**) to 16-pin socket on harness (**See Fig. 3)**

Fig. 3
16-pin socket

4. Connect harness 16-pin plug (See **Fig. 4**) to XM 16-pin socket vacated in step 2.
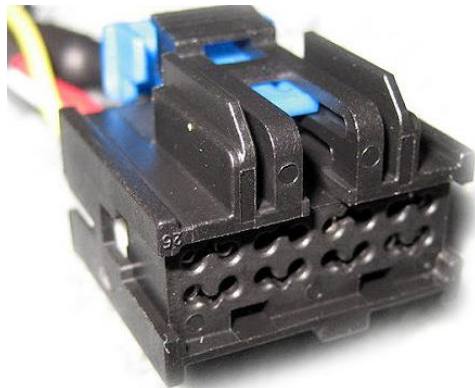

Fig. 4

5. Tap/connect red wire to **12V Accessory supply (switched)** in vehicle. Use voltmeter or test light to determine circuit condition and ensure power is only available when ignition key is in "ACC", 'ON ", "RUN" or "RAP" positions. Accessory usually available in vehicle fuse blocks and pin 7 (ignition) or pin 8 (accessory) in Junction box (left side dash near brake pedal) See **Fig. 4a**

Under no circumstances should red wire be connected to 12V constant (battery)
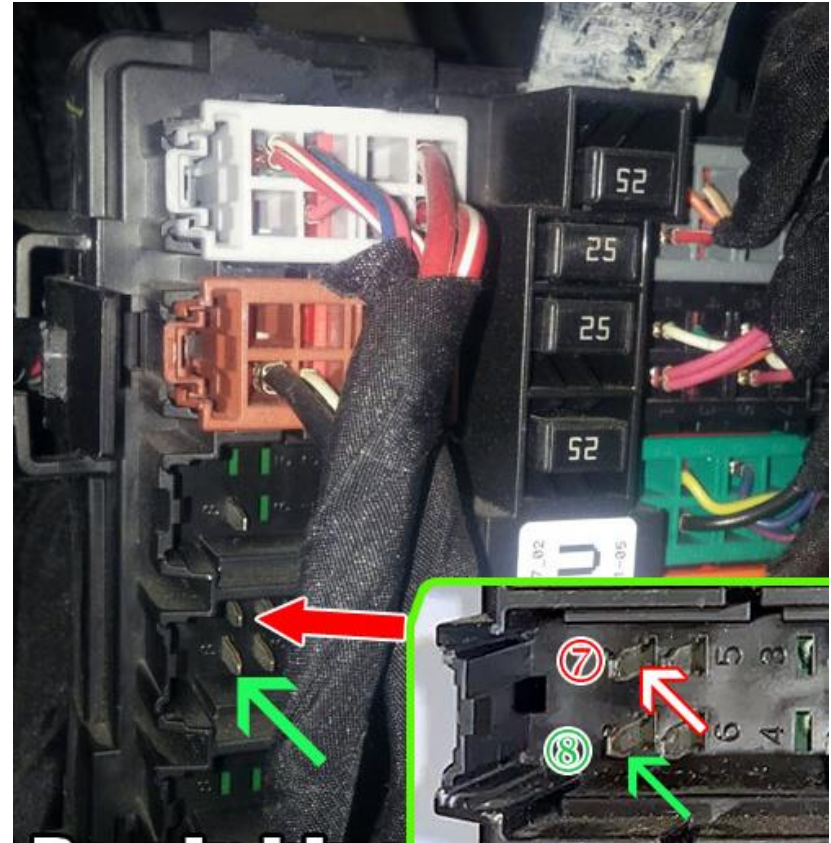

Fig. 4a

AUX JACK option is only available to those who select Expired subscription (have no plans to ever subscribe) otherwise <u>skip to step 8</u>

6. Carefully route aux jack (See **Fig. 5**) to location on dash or nearby panel where it will be mounted (within 3 ft.) final location will vary based on vehicle and customer's preference.

AUX Input jack
Fig. 5

7. <u>**Optional:**</u> Drill a 15/64 or 1/4" hole in dash or panel, push aux jack shaft through and secure with nut (See **Fig. 6**)

Fig. 6

Warning: Aux jack may be left freestanding, but to be mounted, ensure panel is <u>**less than 4mm thick**</u> otherwise the AUX shaft may not protrude enough to engage with nut. If necessary, use dremel, sander etc. to thin panel or choose alternate mounting location.

8. Connect installation harness 16-pin plug (See **Fig. 7**) to module 16-pin connector (See **Fig. 8**)

Fig. 7

Fig. 8

Optional USB extension cable installation

Note: **1. Optional USB dash mount extension cable is not required for operation, however it extends USB charging port (See Fig. 11) to dashboard, glovebox etc.**
2. The USB port supports charging only

1. Drill a ¾" hole to dash or panel using a step drill bit or equivalent (See **Fig. 9**)

Fig.9

2. Fish USB cable terminal (See **Fig. 10**) through hole created in step 1 and plug into USB port on module (See **Fig. 11**)

Fig. 10
USB cable

Fig. 11

3. Snap header (See **Fig. 12**) to surface until flush (See **Fig.13**)

Fig. 12

Fig. 13

4. Secure module and proceed to pairing

Pairing

Pairing process varies among devices but the basic steps are the same. This process is done upon initial install and will not have to be repeated.

1. Turn Ignition and radio "ON"
2. On A2DP device: Go to *Settings, Wireless & Networks, Bluetooth Settings*
3. Select *Bluetooth* and turn on.
4. Select Bluetooth settings
5. Tap *Scan (Search) for devices*.
6. Wait for Bluetooth device name to appear (See **Fig. 14**) and select it.
7. Confirmation tone heard on car speaker

Bluetooth ⬤

Now discoverable as "King Solomon's iPhone".

MY DEVICES

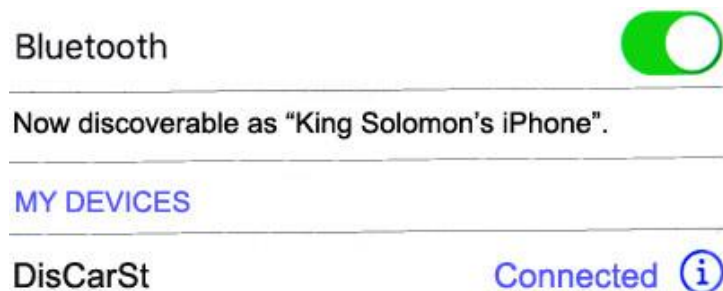DisCarSt   Connected ⓘ

Fig. 14

Operation

1. Turn ignition and radio "ON"
2. Press "**BAND**" button on radio to enter Bluetooth mode
3. On smart device, Launch streaming application of choice
4. Use wireless remote control buttons or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. **15**)
5. To listen to XM (Active subscription), press **Pause/Play** on remote control.
6. To switch back to streaming, press **Pause/Play** button on remote control
7. To listen to "AUX" device (not subscribed/no DVD), press Pause/Play button on remote control
8. To listen to DVD audio on car speakers, press Pause/Play on remote control: **Note:** DVD audio will play on headphone regardless.
9. To reject, press "**NEXT TRACK**" remote control (See **Fig. 15**)

Fig. 15

10. If correct operation is confirmed go ahead and reinstall radio.

Frequent ask questions and troubleshooting

1. **My subscription has expired, will the BTA-GM4x still work?**
   YES; so long XM module remains in vehicle. **See Question 3.**

2. **I'm not the original owner and don't know if vehicle has 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/XM. **If only AM/FM is displayed, vehicle does not have the required XM module. See Question 4.**

3. **My subscription is currently expired, but plan to renew at a later date. Which version of this module should I purchase?**
   Select "Subscribed", otherwise XM will not play upon activation.

4. **My radio has a "BAND" button but vehicle does not have an XM tuner; will the BTA-GM4x work?**
   NO; Vehicle must have X**M tuner module for BTA-GM4x to work.**

5. **Can I place hands free calls?**
   NO; the BTA-GM4x **does NOT support Hands-Fee calls.**

6. **Why do I have to use +12V accessory wire?**
   For this module to work as described, it must be connected to a 12 switched/ accessory supply which is not available on the XM module plug and because of that user must locate a switched 12V supply in vehicle. 12V switched/accessory supply may be available under steering wheel column, under hood/internal fuse panels etc.

7. **What's the difference between "Active subscription" and "Expired subscription"?**
   Expired subscription means you no longer have a service plan and for the purposes of this module DO NOT intend on activating in the future. Active subscription means you have a plan or plan to activating in the future.

8. **What is the difference between the BTA-GM4x and AUX-GM4x?**
   The BTA-GM4x is wireless via Bluetooth and the AUX-GM4x is wired.

9. **Where is the XM module in my vehicle?**
   See chart on next page 6

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	
	Sky	Behind passenger side rear quarter panel
	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.