

## **BTA-GM3X**

### **QUICK START AUDIO STREAMING INSTALLATION GUIDE FOR GM CLASS II VEHICLES WITH XM MODULE & RSE**

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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:

Vehicle must have an XM module (L2K) with or without subscription WITH OR WITHOUT RSE (DVD)

## Introduction

Most 2003-12 GM Class II vehicles were outfitted with XM and with it a 1-year free subscription. Many opted to renew subscription while others did not, nevertheless the XM module remain hidden. If your GM vehicle has the hideaway XM module (See Fig. 1); active or expired subscription; the new BT3-GM3x (formerly A2D-GM3x) 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-GM3x to the 16-pin port on XM module (in remote area including trunk, hatch, near glovebox etc.) pair audio device, and enjoy music applications including internet music streaming sites, audiobooks, GPS apps and more. For the BTA-GM3x to work, **vehicle must have XM module (with or without subscription)**. If XM subscription is active; service remains uninterrupted.

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

**WARNING: XM module is not part of or built-into the AM/FM radio**, but a separate "metal box" in remote area (e.g., under glovebox, rear side panels, trunk etc.) See table at the end of this guide for possible XM module location.

## Installation –to XM module in remote location

**WARNING:** The BTA-GM3x connects to the 16-pin plug at XM module location. The harness will NOT fit 12-pin plug on AM/FM headunit (radio).

1. Locate XM module. (See Fig. 1)  
**For help locating XM module, go to last page of this guide.**
2. Disconnect 16-pin plug from XM module by pressing black release tab (See Fig. 1)  
**Note:** Tuners with Delphi plug (See Fig. 2) must first **pull back** blue locking tab, then **black release tab**. (Avoid pulling wires) (See Fig. 2)

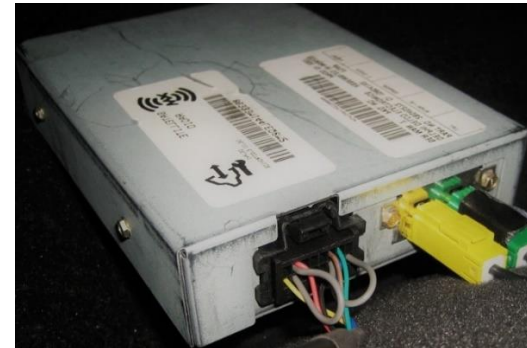


Fig. 1  
XM module

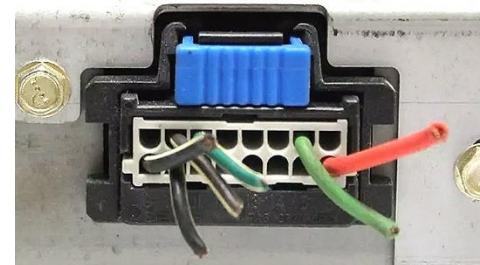


Fig. 2  
Delphi 16-pin plug

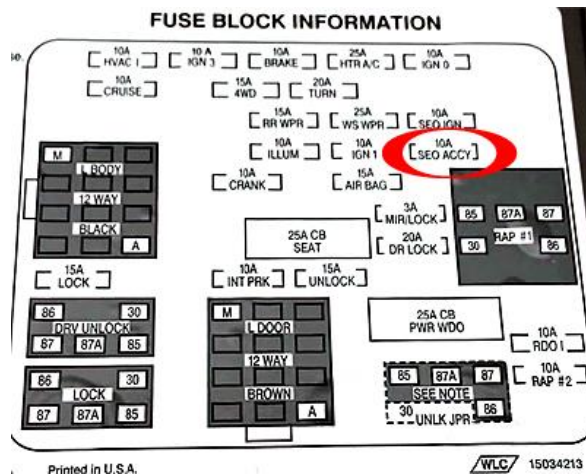
3. Connect 16-pin plug from step 2 (See Fig. 2) to 16-pin socket on harness (See Fig. 3)



**Fig. 3**  
16-pin socket

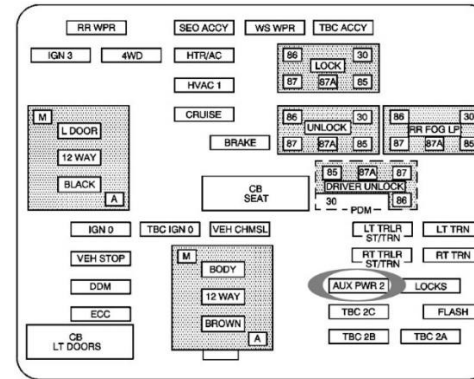
4. Connect 16-pin plug from harness (See Fig. 2) to XM module 16-pin socket vacated in step 2.
5. Tap/connect red wire to **12V Accessory supply** in vehicle. Use voltmeter or test light to determine circuit condition and ensure power is only available when ignition key is in "ACC", "ON", "RUN" or "RAP" positions. Accessory supply usually available in vehicle fuse blocks.

**Do not connect red wire to 12V constant (battery) supply. Not only will module not automatically pair upon entering vehicle, but could eventually drain car battery.**



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**Warning:** Accessory (ACC) supply available on BROWN wire (Most GM's) under steering column or climate control harness or in driver side fuse panel.

**AUX JACK installation (Vehicles without DVD and/or expired XM subscription) otherwise skip to step 8**

6. Carefully route aux jack (See Fig. 4) 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. 4**

7. **Optional:** Drill a 15/64 or 1/4" hole in dash or panel, push aux jack shaft through and secure with nut (See Fig. 5)



Fig. 5

**Warning:** Aux jack may be left freestanding, but to be mounted, ensure panel is **less than 4mm thick** otherwise 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. 6) to module 16-pin connector (See Fig. 7)

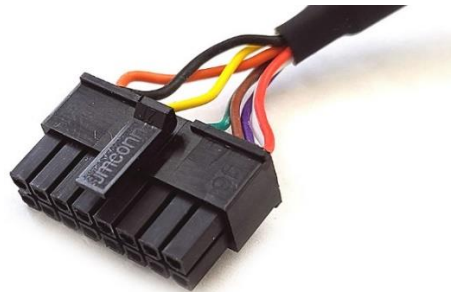


Fig. 6



Fig. 7

## Optional USB extension cable installation

**Please note:** Optional USB dash mount extension cable is not required for operation; however, it extends USB charging port (See Fig. 10) to dashboard, glovebox etc. and **USB port supports software updated and charging only**

1. Drill a  $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See Fig. 8)



Fig.8

2. Fish USB cable terminal (See Fig. 9) through hole created in step 1 and plug into USB port on module (See Fig. 10)



Fig. 9  
USB cable



Fig. 10

3. Snap header (See Fig. 11) to surface until flush (See Fig.12)



Fig. 11



Fig. 12

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 AZDP 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. 13) and select it.
7. Confirmation tone heard on car speaker

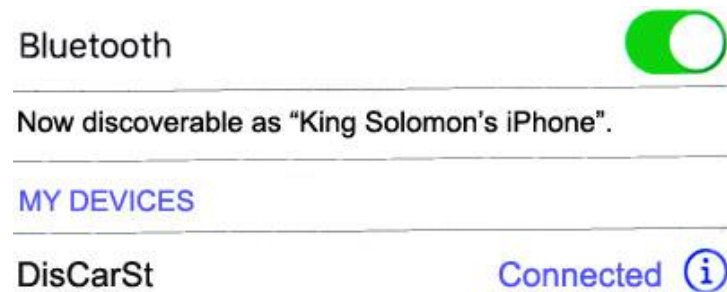


Fig. 13

## 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. 14)
5. To listen to XM (if subscribed), 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. 14)



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

## Frequent ask questions & troubleshooting

1. **Does the BTA-GM3x work if my XM subscription has expired?**  
**YES;** The main requirement is that vehicle be equipped with the XM tuner box (subscription is optional) See Fig. 15



Fig. 15

2. **My vehicle is equipped with both DVD (RSE) and XM module; do I need to disconnect anything for the BTA-GM3x to work?**  
**NO;** The BTA-GM3x requires XM module to function. If vehicle has RSE (DVD), it must also have XM module. The BTA-GM3x works in vehicles with RSE (DVD) but also requires XM Module (with or without subscription).
3. **My vehicle does not have RSE (DVD), but does have an XM module (expired subscription). Will the BTA-GM3x work?**  
**YES;** As long as vehicle has XM module; the BTA-GM3x works even if subscription has expired and even without RSE (DVD)
4. **Can I use the BTA-GM3x to make/receive phone calls?**  
**NO;** the BTA-GM3x does not support Hands-Free calls. Supports music streaming only. Purchase our [BTH-GM3x](#) for Bluetooth hands-free and music streaming.
5. **I've followed the install guide but not able to listen to XM. Streaming continues to play after pressing "BAND" button on radio.**  
Press PAUSE/PLAY button on remote control to switch between streaming and XM (if subscribed).

6. Of the 2 factory options, my vehicle only has XM module (expired subscription), however I do plan on subscribing in the future. Which option should I select when ordering?

If XM is currently expired but plan to activate at a later date; purchase "active subscription" otherwise XM will not play upon activation. If you DO NOT plan to ever renew XM services and vehicle DOES NOT have RSE; purchase "Expired subscription".

7. What's the difference between "Active Subscription" and "Expired subscription"? **Expired subscription means** you no longer have a plan and do not intend to ever activate the service. **Active subscription means** you are currently subscribed or plan to subscribe at a future date.

**Warning: If you purchase "Expired subscription" and decide to activate later, XM will not play.**

8. My radio has a "BAND" button but vehicle does not have an XM tuner; will the BTA-GM3x work?

If vehicle does not have an XM module the BTA-GM3x sadly, will not work (even if vehicle has RSE because the BTA-GM3x connects to the XM module 16-pin plug)

9. Where is the XM module located in my vehicle?

See chart below

Make	Model	XM module location
Buick	Allure	Left Rear Q-Panel
	Enclave	Right Rear Q-Panel
	LaCrosse	Behind Rear-Left Q-Panel (Trunk)
	LeSabre	Left Rear Q-Panel
	Lucerne	Left Rear Trunk
	Rainier	Above Pass-side dash Panel
	Rendezvous	Behind glovebox
	Terraza	Above steering column
Cadillac	CTS	Rear Shelf (Deck) Left Side
	DTS	Left-Rear (Trunk)
	Deville	Behind Rear Seat/Left Q-Panel
	Escalade (EXT/ESV)	Behind Glovebox
	SRX	Behind Rear Right Q-Panel
	XLR	Between Seats

Chevrolet	Avalanche	Behind glovebox
	Cavalier	Rear Shelf (Deck) center
	Colorado	Behind Glovebox
	Corvette Coupe	Rear Left Q-Panel (above wheel well)
	Corvette Convertible	Between Seats inside hatch cover
	Equinox	Left Rear Q-Panel
	HHR	Rear Right Q-Panel
	Impala	Right Rear Q-Panel
	Malibu	Under Shelf (deck) left Side
	Monte Carlo	Behind Rear Left Q-Panel
	Silverado	Behind glovebox
	Suburban	Behind glovebox
	Tahoe	Behind glovebox
	Trailblazer	Behind glovebox
Uplander	Above Steering Column	
Venture	Above Steering Column	
GMC	Acadia	Rear Right Q-Panel
	Canyon	Behind glovebox
	Denali/XL	Behind glovebox
	Envoy	Behind glovebox
	Sierra	Behind glovebox
Yukon/Denali	Behind glovebox	
Hummer	H2	Behind Glovebox
	H3	Behind Glovebox
Isuzu	Ascender	Behind Glovebox
Oldsmobile	Alero	Right Front Passenger compartment
	Bravada	Behind Glovebox
	Silhouette	Above Steering Column
Pontiac	Aztek	Behind Glovebox
	Bonneville	Left Rear Q-Panel
	Grand AM	Left Rear Q-Panel
	Grand Prix	Right Front Passenger Compartment
	G6	Rear (Trunk)
	G8	Rear (Trunk)
	Montana	Above Steering Column
	Sunfire	Rear Deck (center)
	Vibe	Right Rear Q-Panel

<b>Saab</b>	9-7x	Under Glovebox panel
<b>Saturn</b>	Relay	Above Steering Column

**Disclaimer**

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

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