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Required XM TUNER MODULE

A2DIY-GM3x

QUICK START INSTALLATION GUIDE FOR GM CLASS II WITH XM TUNER MODULE

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Introduction:

The AZDIY-GM3x kit is compatible with virtually all Bluetooth phones, and sounds great whether using for mobile conversations, streaming music or retaining XM (if subscribed), The AZDIY-GM3x works in 2003-12 GM Class-II vehicles equipped with an XM tuner module (See **Fig. 18**) regardless of subscription status. If subscription has expired, an AUX input jack is provided for users to connect and play portable audio devices such as MP3 players, iPod etc. Active subscription is not affected by this module. A smart remote control and push button are included and **optional Smart USB charging kit is available to charge those power-hungry devices while on the road.** The AZDIY-GM3x adds Bluetooth features to older GM vehicles with XM tuner module.

Warning: Vehicles without XM Tuner module may purchase our [AZDIY-GM3](#) instead.

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

Installation:

Radio removal required (Vehicle specific radio removal instructions are not part of this guide, but may be available upon request)

1. Disconnect factory 12-pin plug from radio by squeezing locking tabs (See **Fig. 1**)



Fig. 1
factory 12-pin plug

2. Connect factory 12-pin plug to installation harness 12-pin connector (See **Fig. 2**)



Fig. 2

3. Connect installation harness 12-pin plug (See **Fig. 3**) to radio 12-pin connector vacated in step 1



Fig. 3
harness 12-pin plug

4. **If NOT retaining XM (Expired subscription):** Connect male-to-male cable audio cable (See **Fig. 4**) to module "AUX" jack (See **Fig. 5**)



Fig. 4
3.5mm male to male cable



Fig. 5
Module

5. Connect push button 1/8" plug to module "CTR" jack, route button to front of the dash, remove tape backing and attach to dash (cable is 6ft. long). (See Fig. 7)



Fig. 7
Push button

6. Use clip to install microphone to visor or headliner and route cable down pillar, under dashboard toward module location and connect to module "MIC" input.

Exercise caution when routing microphone so to not damage the cable. Also ensure no ventilation duct is pointed towards microphone.



Fig. 8
Microphone

Optional push button with built-in microphone:

This option **replaces** standard visor microphone/separate push button shown in Fig. 7 and 8, in favor of a mic built-into button. (See images below) which means the button/microphone can be placed on dashboard within driver reach or custom installed nearby.

To install simply connect 1/8" plug to module "MIC/CTR" jack (See Fig. 5), route to dash area (cable is 6ft. long); clean surface, remove tape backing and secure to dash. (To add to cart, simply tap option on order page)



6. Connect installation harness **Red wire** to **12V Accessory supply** in vehicle. **Do not use 12V constant supply (battery).**



Tip: Accessory (ACC) is available from fuse panel.
Accessory power is active when ignition is in "ACC" or "ON" positions.

7. Connect installation harness **Black** wire ring terminal to radio chassis. Remove radio chassis screw and secure ring terminal ground to alternate location.

Optional: USB Smart charging port (not for thumb drives)



Optional USB charging port can be added to your A2DIY-GM3x kit. Should you decide on this add-on, we suggest one of 2 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole**
- B. Flush with Support bracket** (Mount USB terminal wherever your installation demands without drilling)

A. Flush to Dash or Panel (drilling required)

1. Drill a 3/4" hole in the dash or panel using a step drill bit or equivalent (See Fig. 10)



Fig. 10
Step drill bit

2. Insert male terminal from supplied 3ft. cable (See Fig. 11) through hole created in step 1 and connect to installation harness charging port (See Fig. 12)



Fig. 11
Flush mount 3 ft. USB cable



Fig. 12
USB port

3. Snap USB cable head (See Fig. 13) to hole created in step until flush with mounting surface (See Fig. 14)



Fig. 13
USB head



Fig. 14
Flush mounted to dash

4. Connect installation harness **YELLOW** wire to 12V battery or Accessory supply (your choice). If connected to battery supply, charging is possible at all times. If connected to Accessory supply, charging is possible only when ignition key is set to ACC or ON.

B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module to mount USB support bracket (See **Fig. 15**) using adhesive/tape or screws (included).



Fig. 15
mounting bracket

2. Insert USB cable male terminal through hole in bracket (See **Fig. 16**) and connect to installation charging port (See **Fig. 12**)



Fig. 16

3. Snap USB cable head (See **Fig. 16**) to bracket until flush (See **Fig. 17**)



Fig. 17

4. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

Smart remote

Pairing remote: The included smart remote must be paired with Smartphone for media control functions (**does not operate GM radio**).

The remote can be paired with multiple devices but can only operate one at a time.

Follow 3-step pairing process below:



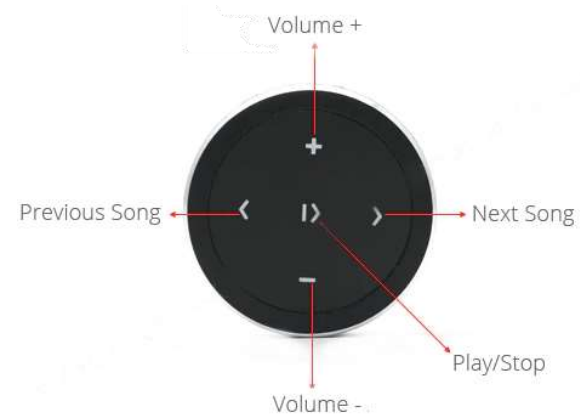
Installing smart remote:

Install smart remote to dashboard or panel with provided steering wheel holder or double side tape.

Ships with CR2032 battery pre-installed.

Remote operation:

With the smart remote paired to smartphone, users may perform the following functions on devices with iOS7.0 and higher and Android 4.4 and higher.



In addition to above:

To accept/end call press **Play/Stop (Android only)** or press push button (**Apple and/or Android**)

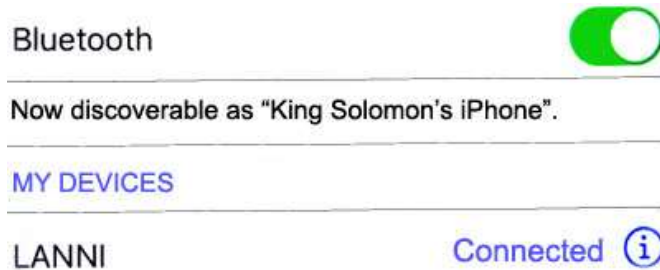
To switch from streaming to AUX press, **Play/Stop (Android only)** or press push button (**Apple and/or Android**)

Noteworthy: Push button must be used to accept/end calls on Apple devices; however both the push button and smart remote Play/Stop can be used for this purpose. User exclusive to Android devices; push button installation is optional.

Bluetooth Pairing:

Pairing varies among devices but 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"
Blue LED through module peephole will flash (pairing mode)
2. On audio device: go to **Bluetooth Settings, Tap to Scan**
3. Wait for Bluetooth device name (See below) to appear and tap it.
Once paired confirmation tone is heard on car speakers



Test Operation:

1. Turn ignition and radio "ON"
2. Press "BAND" or "XM" button on radio
3. Launch smartphone music streaming application
4. Use smart remote to change tracks, adjust device volume, pause etc.
5. Place test call or ask someone to call. Use push button to accept call (iPhone and Android) or press **pause/play** on smart remote (Android only)
Note: Push button can be used to **accept/end** calls on both Apple and Android devices, however; **wireless remote pause/play only works to accept/end calls on Android devices.**
6. If correct operation is confirmed go ahead and reinstall radio.



Caller ID and text are **not shown on radio display**.
Operate Bluetooth device via wireless remote control, VR (voice recognition) or smartphone built-in controls.
Radio buttons can be used to adjust playback level.

Switching to XM/AUX:

- a. Press "BAND" or "XM" button
- b. Press smart remote pause/play button or push button once
XM/AUX will play on car speakers

Control XM from radio buttons as customary.

2. To return to music streaming:
Press smart remote pause/play or push button once.

Note: Music Streaming has priority once audio device is paired.
XM/AUX playback is possible when audio device un-paired, out of Bluetooth range or enabled via the remote or push button.

Frequently asked questions

- 1. My vehicle has XM tuner but subscription has expired. Will the A2DIY-GM3x work?**
YES. If subscription has expired, an aux input jack is provided for users to connect and play an audio device (Mp3 Players, iPod, DVD, iPad etc.) **Aux. input option is not available for active subscribers.**
- 2. I'm not the original owner and don't know if vehicle has XM Tuner. How can I find out without ripping it apart?**
Turn radio "ON", press "BAND" button repeatedly to cycle through AM/FM/CD/XM1/XM2. If only AM/FM is displayed, vehicle does not have required XM Tuner.
- 3. Does the A2DIY-GM3x work on all GM radios?**
Works on Navigation and non-Navigation GM Class-II radios **and XM tuner module** with or without subscription. (All must have XM Tuner Module)
- 4. Can I control Smartphone music from radio buttons?**
NO; you must continue to use audio device built-in controls or included smart remote/or voice commands. User radio volume control to set playback level.
- 5. Is caller name/phone number shown on radio display?**
NO. Caller ID information, song name etc. are not displayed on radio screen.
- 6. What do I need for the A2DIY-GM3x to work in my vehicle?**
For the A2DIY-GM3x to work, your vehicle must have **an XM tuner module (which is a metal box installed in remote area—See Fig. 18)** XM Tuner Module is **not built-into the AM/FM Radio in the dash.** --- don't ignore this.
- 7. How do I listen to XM?**
Press BAND, XM button on radio to enter XM mode (if not already), then press pause/play on remote control or press push-to-talk button.
- 8. Will the stereo mute when I receive or make a phone call?**
This system will not mute unless radio is in "XM (Bluetooth mode). If in AM/FM/CD or TAPE mode, radio will not mute. In addition, user must switch radio to Bluetooth Mode (XM)
- 9. How do I pair a second phone to module?**
In order to pair a second phone make sure no other phones are connected. Once Bluetooth is disabled on first device, module will be ready for pairing.

- 11. My radio has a built-in 6-CD changer. Will the A2DIY-GM3x work?**
YES, So long vehicle has an XM tuner module which is not built-into AM/FM radio, but rather a metal box installed near glove box (trunks/SUV's), trunk or hatch (sedans) See **Fig. 18**



Fig. 18
required XM tuner module

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

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