



BTA-GM1

BLUETOOTH STREAMING INSTALLATION GUIDE FOR 1995-05 GM WITH SEPARATE /SLAVE UNIT

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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.
- To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe Warnings and Cautions in this manual.

Requirements:

Separate tape, Single CD player or CD changer in lower dash/trunk

Introduction (formerly A2D-GM1)

Many 1995-05 GM vehicles in addition to the AM/FM/Theftlock radio, may also include a separate cassette, single CD, or CD changer. If this describes your vehicle, then the BTA-GM1 (formerly [A2D-GM1](#)) is for you! In the past, adding any type of adapter to these vehicles required disconnecting the separate player, but thanks to the BTA-GM1; everything remains stock plug ability to stream and charge smart devices. A Bluetooth wireless connection means no wires, clutter or complicated setup. Simply connect module (to Theftlock radio), pair smartphone or tablet and enjoy favorite audio apps on the car system.

The BTA-GM1 works only if separate single CD, Cassette player or CD changer is fully functional. Vehicles without separate/slave player are not compatible. Purchase our [BLU-GM1](#) instead.

This module does not support phone calls. Purchase our [BTH-GM1](#) instead.

Warning: The AM/FM/CD or TAPE radio (See [Fig. 113](#) in upper dash is not a separate or slave player. Separate or slave players (See [Fig. 14](#)) are installed below climate controls, lower dash, trunk/hatch and required for the BTA-GM1 to work.

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

Installation: (To AM/FM Theftlock radio)

Warning: Not applicable to 1995-05 Buicks, Cadillac's and Oldsmobile 32-pin connecting radios. (See [Fig. 1](#)). 32-pin radios require our [A2D-GM32](#).



Fig. 1

Remove radio from dashboard to gain access to 9-pin socket/plug. (Vehicle specific radio removal instructions are not part of this guide, but available upon request)

1. Disconnect factory 9-pin plug from radio socket (See [Fig. 2](#))

Note: If the radio 9-pin socket is empty; do not proceed with install because this vehicle DOES NOT have a required separate player.



Fig. 2

2. Connect factory 9-pin plug (removed in step 1) to installation harness 9-pin socket (white) (See [Fig. 3](#))

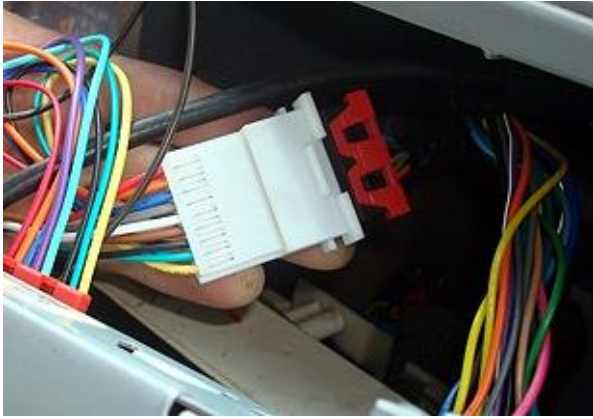


Fig. 3
9-pin socket

3. Connect installation harness 9-pin plug (See **Fig. 4**) to radio 9-pin socket vacated in Step 1.



Fig. 4

Notes:

The 9-pin plug on installation harness must be connected to the 9-pin socket on AM/FM Theftlock radio. Do NOT connect module 9-pin plug directly to separate unit. (See **Fig. 4**)

4. Connect installation harness 16-pin plug (See **Fig. 5**) to module 16-pin socket (See **Fig. 6**)

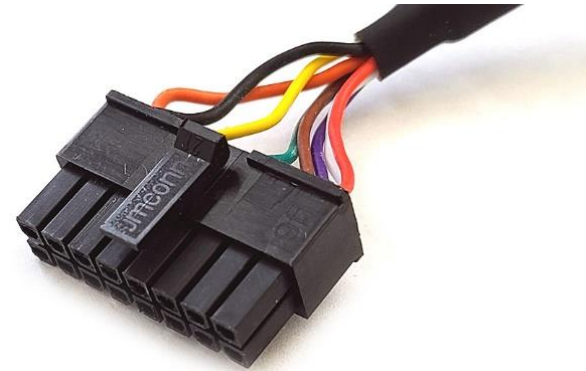


Fig. 5
16-pin plug



Fig. 6
16-pin socket

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. 9) to dashboard, glovebox etc.

2. The USB port supports charging only

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See Fig. 7)



Fig.7

2. Fish USB cable terminal (See Fig. 8) through hole created in step 1 and plug into USB port on module (See Fig. 9)



Fig. 8

6 ft. extension cable



Fig. 9

3. Snap header (See Fig. 10) to surface until flush (See Fig.11)



Fig. 10



Fig. 11

Tuck and secure any extra wires from moving parts and proceed to next step

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

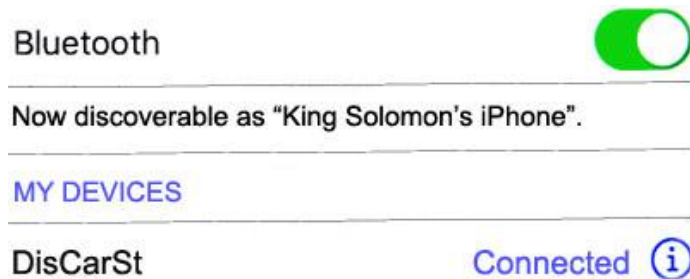


Fig. 12

Operation

1. Turn ignition and radio "ON"
2. Press "TAPE AUX" or "CD AUX" or "CHANGER" button on radio
Ensure separate CD/CD changer has at least one "DISC" or separate Tape player has a "Cassette" which must remain inserted.
3. Launch audio device streaming application.
4. Set audio device volume to 80%-- adjust as needed based on playback quality (reduce if sound is distorted).
5. Use Theftlock radio volume button to set playback level.
6. Use wireless remote buttons or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. 13)
7. To listen to separate CD/TAPE or CD changer, press **Pause/Play** on remote control.
8. To switch back to streaming, press **Pause/Play** button on remote control

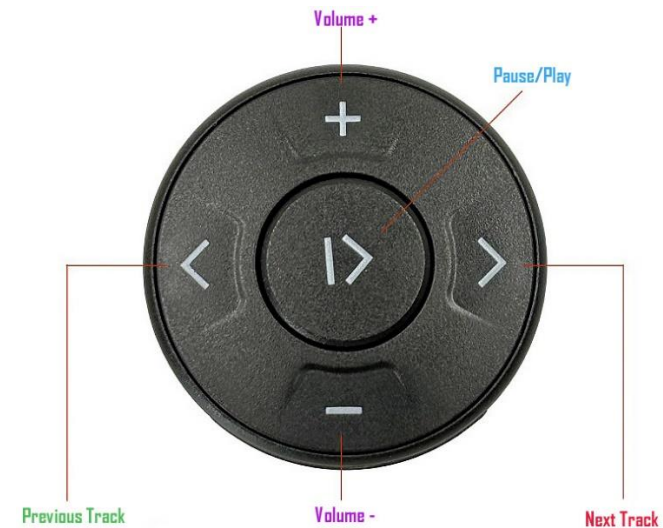


Fig. 13

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

Feature Comparison

We offer different cables and adapters for older GM vehicles. The following table is intended to show similarities and/or differences which should aid in your decision as to what works best based on individual need.

These offerings are all suitable for 1995-05 GM with original **AM/FM Theftlock radio** (See Fig. 13) and some may also require a separate player (See Fig. 14)

| Feature | AUX-GM1 | DCS-GM1 | BTA-GM1 | BTH-GM1 | BLU-GM1 |
|----------------------------------|---------|---------|---------|---------|---------|
| Retains separate player* | ✓ | X | ✓ | ✓ | X |
| Auxiliary input (3.5mm) | ✓ | ✓ | X | X | X |
| Requires separate player* | ✓ | X | ✓ | ✓ | X |
| Music streaming | X | X | ✓ | ✓ | ✓ |
| Supports Hands Free Calls | X** | X** | X | ✓ | X |
| Wireless connection | X | X | ✓ | ✓ | ✓ |
| Connects to radio | ✓ | ✓ | ✓ | ✓ | ✓ |
| Plug-n-play installation | ✓ | ✓ | ✓ | ✓ | ✓ |
| Wireless remote control | X | X | ✓ | ✓ | X*** |
| Charging | X | X | ✓ | ✓ | X*** |

*Separate players (single CD or TAPE or CD changers) are installed in lower dash, below climate controls or trunk/hatch **and required for this module to work.**

** Speakerphone is possible by which the caller can be heard on car speakers.

***Optional



Fig.13

Main AM/FM radio in upper dash (not slave)

Frequent asked questions & troubleshooting

1. All this talk about separate units is confusing; can you explain what it means?

All GM vehicle will have the AM/FM radio (See Fig. 13) at the top of the dash **but may or may not have a separate unit** (Single CD player, Tape player or CD changer) in lower dash, below climate controls, trunk or hatch (See Fig. 14). For the BTA-GM1 (formerly A2D-GM1) to work as described, your vehicle must have **at least one fully functioning separate unit** (See Fig. 14) otherwise it will not work as described.



Vehicle must have at least one of above separate players to be compatible

Fig. 14

2. Does the BTA-GM1 work with the AM/FM/CD and AM/FM Tape radio?
YES. So long vehicle also has a separate CD, CD changer or Tape player in lower dash, below climate controls, trunk or hatch. The separate unit must be fully operational, remains connected and functional.
3. My vehicle has a separate TAPE player in lower dash; will the BTA-GM1 work?
YES; separate player (e.g. TAPE etc.) is required. For proper operation a cassette (blank or otherwise) must be loaded and remain in the tape player; otherwise, the BTA-GM1 will not work as described.

4. **My vehicle has separate single CD player below climate controls; will the BTA-GMI work?**
YES; separate player (e.g. Single CD or multi-disc CD changer) is required. For proper operation at least one "DISC" must be loaded and remain in the CD player/changer magazine.
5. **My vehicle has two separate units; one in lower dash and a CD changer in armrest. Will the BTA-GMI work?**
YES, and both slave units remain connected and functional.
6. **If in the future I decide to remove the BTA-GMI, will I have trouble with car wiring?**
NO; the **BTA-GMI** plug-n-play does not interfere with factory wiring integrity. Once disconnected, everything will work as it did prior.
7. **I purchased the BTA-GMI but could not install it because my radio has a "SOURCE" button and 32-pin connector. What are my options?**
The 32-pin radio on many Cadillacs, Oldsmobile's and Buicks is not compatible. Purchase our **A2D-GM32** instead.
8. **Can I use the BTA-GMI to make/receive phone calls?**
NO; the BTA-GMI supports Bluetooth streaming but does not support Hands-Free Calls. When calls are made or received while streaming, simply answer call as you would in portable mode (on handset). Streaming resumes once call has ended. Purchase our **BTH-GMI** which supports hands-free call.
9. **How do I insert or change battery in the remote-control?**
Insert CR2025 battery to holder with label side up or as seen in Fig. 18



Fig. 18

10. **With engine running, there is a high pitch squeal increasing with speed. Can you propose a possible solution?**
Alternator whine is a nuisance. Check that battery post and ground terminals are free or corrosion. If these check out, consider installing a **noise filter**.
11. **Does the remote also control CD changer functions?**
NO. The included remote is only able to control the select Bluetooth functions shown in **Fig. 13**
13. **My phone is not automatically pairing after entering vehicle. Is there a fix for this?**
YES. This is possible if module is constantly powered. Please verify this by checking the Red LED status on module (box). With ignition and radio "OFF"; LED light should be "OFF" but if LED light is solid or flashing, **go to question 14 below**.

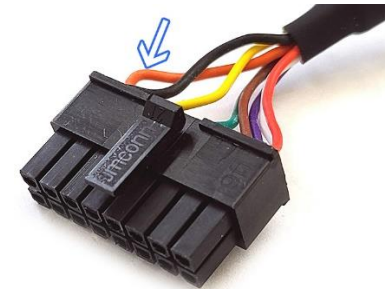


Fig. 19

14. **My module remains powered after turning off the radio/ignition and is draining the car battery. What is the fix if any for this?**
The ignition switch provides 12V to the module through the 9-pin radio plug, however; customers have reported instances in which the module remains powered after ignition switch has been turned "OFF". This is not normal. The remedy is to bypass the ignition and use the 12V accessory supply on radio main harness. Here is how:
- Disconnect the two clear connectors on installation harness by pulling or twisting (See **Fig. 20-21**)



Fig. 20



Fig. 21

- b. Plug in the connector on the supplied extension wire (See Fig. 22) to matching connector on the installation harness in Fig. 21 (the other connector remain disconnected)

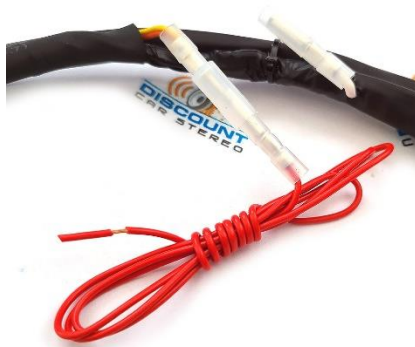


Fig. 22

- c. Splice/solder/tap the other end of the extension wire (See Fig. 22) to pin 9 (usually yellow) on the factory 20-pin plug (See Fig. 23) or to any 12V switched supply source in your vehicle.

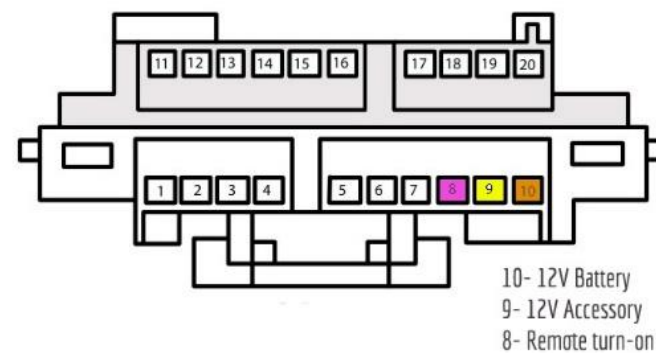


Fig. 23

*Slave player (CD or TAPE) in lower dash or below climate controls is required for the BTA-GMI to function.

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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