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BTH-CTS_x

QUICK START HANDS-FREE, STREAMING INSTALL GUIDE FOR CADILLAC CTS/SRX WITH XM MODULE (U2K)

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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 or without subscription

Introduction

Your 1st generation Cadillac CTS or SRX still drives great but lack ability to stream music and other application. Our new and improved BTH-CTSx (formerly A2DIY-CTSx) music streaming module allows these vehicles owners to stream music applications from Smartphone, Tablet, Kindle etc. through the factory radios XM port. **For the BTH-CTSx module to work, the compatible vehicle must have an XM module (expired or active subscription).**

Note: If XM is currently expired with no intentions of ever activating; select "Expired"- (An AUX input jack is provided to which users may connect and play portable audio devices such as MP3, Satellite radio kits, iPods etc.) If XM is currently active, select "Subscribed" to allow the service to remain uninterrupted.

A wireless connection means no wires, clutter or complicated setup. See **Frequently Asked question** at the end of this guide for details.

Installation- to headunit

Radio removal required to gain access to the connectors.

1. Using a panel removal tool, unclip and remove the top A/C vents panel (See Fig. 1)

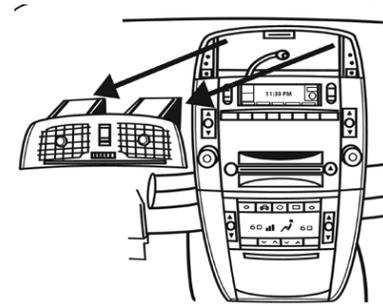


Fig. 1

2. Open ash tray and remove tray. Extract (1) 9/32" (7mm) screw in tray cavity.
3. Using a panel removal tool, unclip and remove A/C Control/ash tray assembly below radio (See Fig. 2)

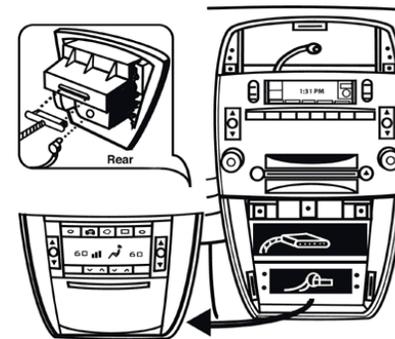


Fig. 2

4. Remove (4) 10mm bolts securing radio to the dash (See Fig. 3)

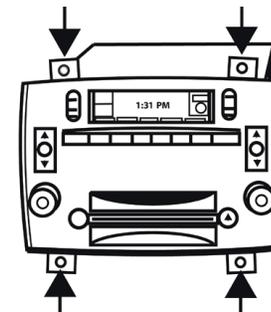


Fig. 3

5. Pull radio forward to reveal connectors (See **Fig. 4**)



Fig. 4

6. Press locking tab to disconnect 8-pin ISO plug (gray) from radio (See **Fig. 4**) and connect to 8-pin ISO connector (black) on module harness (See **Fig. 5**).



Fig. 5
8-pin connector

7. Connect 8-pin ISO plug (black) in **Fig. 6** to radio chamber vacated by gray plug from step 6



Fig. 6

8. Secure microphone to headliner or visor using included clip (See **Fig. 7**)
9. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity,
10. Connect microphone to the module "MIC" input. (See **Fig. 8**)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Visor microphone
Fig. 7



Fig. 8

11. Route and connect accessory wire (See **Fig. 9**) to ignition harness under steering column inside driver's lower-dash kick panel. Panel is supported by three screws at the bottom and three metal/plastic clips at the top. Tap accessory wire to ignition harness brown wire or locate alternate 12V accessory supply to complete the connection or any 12V switched supply in your vehicle.



Fig. 9

12. Connect installation harness 16-pin plug (See Fig. 10) to module 16-pin connector (See Fig. 11)



Fig. 10



Fig. 11

13. **If subscription has expired:** Drill a 15/64" or 1/4" hole in dash or panel, push shaft on audio jack (See Fig. 12) through and secure with nut.



Fig. 12



Warning: 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.

14. Secure module and proceed to next step

Optional USB extension cable installation

Note: a. Optional USB dash mount extension cable is not required for operation, however it is able to extend the module USB charging port (See Fig. 8/15) to dashboard, glovebox area.

b. **The module USB port supports charging only.**

1. Drill a 3/4" hole to dash or panel using a step drill bit or equivalent (See Fig. 13)



Fig.13

2. Fish USB cable terminal (See Fig. 14) through hole created in step 1 and plug into USB port on module (See Fig. 15)



Fig. 14
USB cable



Fig. 15

3. Snap header (See **Fig. 16**) to surface until flush (See **Fig.17**)



Fig. 16



Fig. 17

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. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See **Fig. 18**)
4. Confirmation "tone" is heard on car speakers.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.
Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

DisCarSt

Connected ⓘ

Fig. 18

Operation

1. Turn ignition and radio "ON"
2. Press "BAND" button on AM/FM radio until XM1/XM2 is displayed
Note: If XM subscription is ACTIVE; XM will play as customary. If subscription has expired, there should be silence or AUX playback.
3. Launch smart device streaming application.
4. Use wireless remote buttons or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. 19)
5. To listen to XM or AUX, press **Pause/Play** on remote control.
6. To switch back to streaming, press **Pause/Play** button on remote control
7. Place test phone call or ask someone to call.
Note: Ensure radio is in "XM" mode
8. To accept, press "PREVIOUS TRACK" on remote control (See Fig. 19)
9. To reject, press "NEXT TRACK" remote control (See Fig. 19)



Fig. 19

10. If correct operation is confirmed go ahead and reinstall radio.
Note: Radio must be in "XM" mode for hands-free operation. If in AM/FM mode, press the "BAND" button to enter hands-free mode.

Frequent ask questions & troubleshooting

1. **Will the BTH-CTS work in vehicles with Navigation?**
YES; Works with CTS Navigation radios. **NOT for SRX Navigation radios**
2. **My XM subscription has expired; will the BTH-CTS work?**
YES; as long as XM tuner remains in vehicle.
Note: If XM is expired but plan to renew at a future date; select "Active subscription" from order options otherwise XM will not play upon activation.
3. **My XM subscription is active; will the BTH-CTS work?**
YES; XM subscription remains active. (Select "Active subscription" from order options page)
4. **I don't know if my vehicle has XM tuner module. How can I find out without ripping the car apart?**
Turn radio "ON", press "BAND" button repeatedly to cycle through AM/FM/XM1/XM2. If only AM/FM is displayed, your vehicle does not have the required XM module.
5. **Do I need to check wiring on 8-pin gray plug prior to ordering for my 2004-05 CTS)?**
YES. Between 2004-05 CTS the wiring on the 8-pin (gray) plug was modified. For more specifics, go to question #8
6. **Can I install the BTH-CTS without removing the radio?**
NO; The BTH-CTS connects to the back of the dash and radio removal is required.
7. **Can I use the BTH-CTS for hands-free calls?**
YES; The BTH-CTS supports streaming and hands-free calls
8. **Sometime in in late 2004-05 Cadillac made a slight change to the radio wire harness. If you are buying this module for a 2004-05 CTS; we highly recommend checking the radio's gray plug (Fig. 20/21) to determine how we should wire your module otherwise playback will be on one side of the vehicle Here is how:**
Locate the TAN/WHITE wire on the gray plug. This wire location must be used to select the model year in drop-down when checking out:
IF PIN 4 = TAN/WHITE (See Fig. 20), you must select 2003-04
IF PIN 3= TAN/WHITE (See Fig. 21); you must select 2005-07

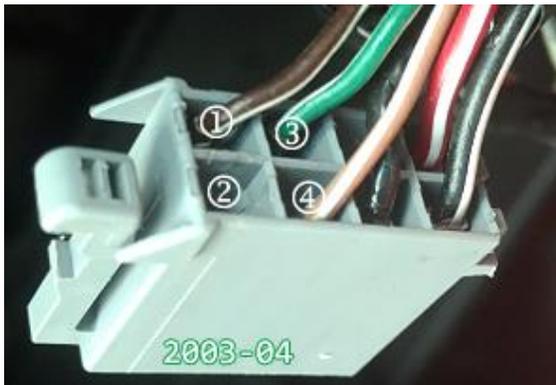


Fig. 20

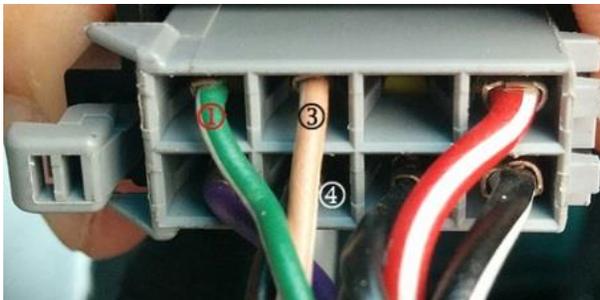


Fig. 21

Warning for 2004-05 CTS only: When ordering, please select vehicle model year-based on TAN/WHITE wire position. Failure to verify this wiring change (2004-05 CTS) will result in audio playback on one side and will require unnecessary return for harness modification.

Disclaimer

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

For help, please email support@discountcarstereo.com

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