GM

IL-GM3

Quick start installation Guide
for GM CLASS II Radios with no external device

Created: January 16, 2017

Revised October 3, 2018

Introduction:

If you are looking for an easy an effective way of connecting and listening to your Apple lightning device you should consider the iL-GM3. The iL-GM3 will **play and charge** any Apple Lightning device including iPhone 5-X, iPod Touch (5G), iPod Nano (7G), iPad (4G), iPad Mini (1G), iPad Mini with Retina etc. The iL-GM3 works on the CD Changer port of select 2000-09 GM Class II Radios to provide the best possible sound on the car speaker. **Keep in mind any factory option connected to this port (e.g. CD Changer, XM etc.) must be disconnected**.

Installation:

1. Remove Radio from dashboard to gain access to connectors. (Vehicle specific radio removal instruction are not part of this guide, but available upon request)
2. If present, disconnect 12-pin factory plug from Radio (See **Fig. 1 & 2**)

Fig. 1
12-pin Plug

Fig. 2
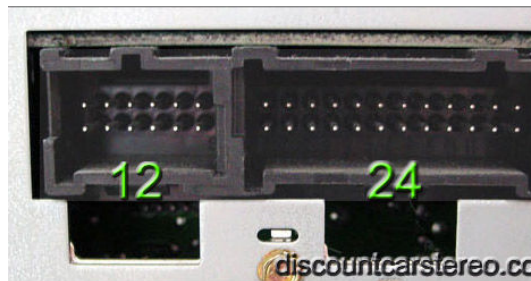GM Class II Radio connectors

3. Connect 12-pin plug removed in step 2 to 12-pin (gray) connector on installation harness (**See Fig. 3**)
   If there was no 12-pin plug on radio, go to step 4.

Fig. 3
Installation harness

4. Connect 12-pin plug (See**. Fig. 3**) from installation harness to 12-pin connector on Radio vacated in step 2
5. Connect 22-pin Molex plug from installation harness (See **Fig. 3**) to 22-pin connector on Module (See **Fig. 4**)

Fig. 4
22-pin Molex connector

6. They are two switch settings for GM:
   1. Dip switches **3 & 8** must be set to "ON" (See **Fig. 5**)
   2. If radio does not recognize adapter, disconnect 22-pin plug from module and set dip switches 1, 3, & 8 to "ON". Reconnect module and re-test.
   Warning: Dip switch changes must be performed while module is disconnected from harness.
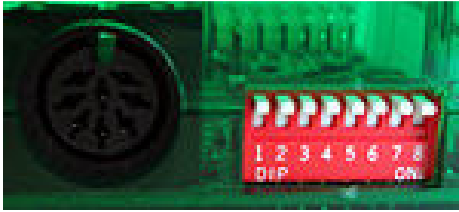
Fig. 5

dip-switches

7. Connect yellow wire on installation harness to a 12V constant (battery) source. This is available at cigar lighter plug and elsewhere. Make sure the line is free of engine noise .

8. Connect Black wire to Ground (Make sure ground wire is free or noise or interference)

9. Connect 8-pin DIN on Lightning adapter able to 8-pin DIN input on Module. (See **Fig. 6**)

Fig. 6

8-pin DIN input

10. Carefully route Lightning cable (See **Fig. 7**) to desired mounting location on dashboard, glove box, console etc. within 4-5 ft. of Radio. **Use caution to not cut, pinch or crimp the cable during this step.**

11. Securely install cable in a location away from heat, humidity, moving parts, or sharp metal objects. **Damage to lightning plug may occur if subject to abuse.**

Fig. 7

Apple Lightning plug

Test Operation:

1. Connect Lightning Plug to Apple device and turn Radio "ON"

2. Press "**TAPE/AUX**" OR "**CD/AUX**" button to enter CD/AUX Mode. If radio fails to enter aux mode, go to step 6 of installation section , disconnect module from power, try dip switch setting #2

3. Apple device will begin charging

4. Select music track on Apple device

   Warning! Playlist and Track selection is *NOT* possible from the COMAND 2.0 Radio. You must use the Audio device built-in controls to access and select music files.

5. Selected track will now be heard on car speakers.

6. Use radio volume control to set playback level

7. If successful go ahead and Reinstall Radio.

Compatibility:

iPhone Models	iPad Models	iPod Models
iPhone XS	iPad Pro 12.9-inch (2nd Generation)	iPod touch (6th Generation)
iPhone XS Max		iPod touch 5th Generation
iPhone XR	iPad Pro 12.9-inch (1st Generation)	iPod nano 7th Generation
iPhone X	iPad Pro 10.5-inch	
iPhone 8	iPad Pro 9.7-inch	
iPhone 8 Plus	iPad (6th Generation)	
iPhone 7	iPad (5th Generation)	
iPhone 7 Plus	iPad mini 4	
iPhone 6s	iPad mini 3	
iPhone 6s Plus	iPad mini 2	
iPhone 6	iPad mini	
iPhone 6 Plus	iPad Air 2	
iPhone SE	iPad Air	
iPhone 5s		
iPhone 5c		
iPhone 5		

10/1/18

Frequent asked questions

1. **Does the iL-GM3 work in vehicles with a 6-CD Changer radio (the changer is built-into radio)**
   YES; but radio must have a "TAPE/AUX" or "CD/AUX" button on faceplate

2. **Does this work in Bose systems**
   YES; works in Bose and Non-Bose applications

3. **I have both an external CD Changer and XM, do I need to disconnect anything for the iL-GM3 to work**
   YES; XM or external CD Changer must be disconnected. Purchase the AUX-GM3 to retain XM or CD Changer.

4. **I have tried both switch settings, but radio does not recognize the module. Can you help?**
   If vehicle has a Class II Radio with "TAPE/AUX" or "CD/AUX" button and not recognizing the module, then either the module is defective OR radio has not been programmed in which case you will need to have a GM dealer enable this feature. (Tech II)

5. **If in the future I decide to remove the iL-GM3, will I have any troubles with the wiring?**
   NO; the installation harness does not interfere with factory wiring integrity and once disconnected, everything will work as it did prior.

** Remote CD Changer refers to optional Changer installed in lower dash, center armrest, hatch, trunk etc. (external or remote Changer is not built-into head unit)

Call 804-717-5717 or email support@discountcarstereo.com