Comand 2.0 radio

IL-CMD

QUICK START INSTALLATION GUIDE FOR MERCEDES COMAND 2.0 APS

Not for Mercedes: MCS or COMAND 2.5

Created October 10, 2015

Revised September 15, 2021

Requirements:
MERCEDES BENZ COMAND 2.0 RADIO

Introduction

Just because you drive an older car does not mean you have to settle for old technology. Some Mercedes includes optional 3.5mm AUX jack (in glove box) which may be satisfactory to some, but because Apple has removed audio jack from recent iOS devices, the factory AUX jack just won't cut it. Enter the iL-CMD. This adapter replaces factory AUX jack with Apple Lightning plug which **plays and charges** iOS devices with Lightning connectors including iPhone 5-12, iPod Touch (5G), iPad(4G), iPad Mini(1G), iPad Mini with retina etc. without sacrificing the look and feel of dashboard components.

Installation

Warning: The iL-CMD applies only to Mercedes Comand 2.0 APS radios and replaces factory AUX jack, TV tuner options (if present)

Remove radio from dashboard to gain access to connectors. (Vehicle specific radio removal instruction is not part of this guide, but may be available upon request)

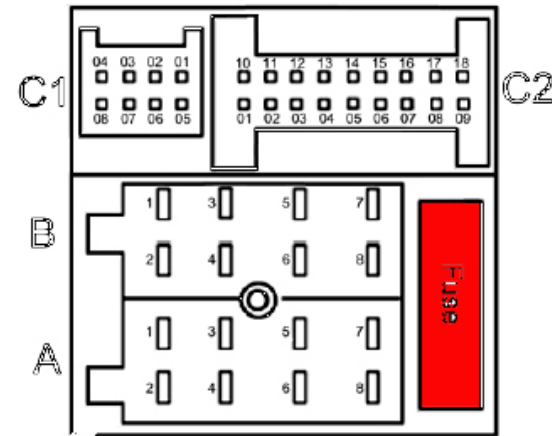1. Disconnect factory 18-pin plug from radio chamber **C2** by pressing and lowing lock-down tab (See **Fig. 2**)

Fig. 1
Comand radio connectors

Fig. 2
C2 plug

Removing wires from contact carrier

Remove contact carrier from both factory radio plug and that of the IL-CMD. Release pins from contact carrier by straightening (flattening) locking tab (**6**) using flat screwdriver or similar (**7**) after which wires can be pulled from contact carrier (**8**) (See **Fig. 3**)
The IL-CMD wires are:
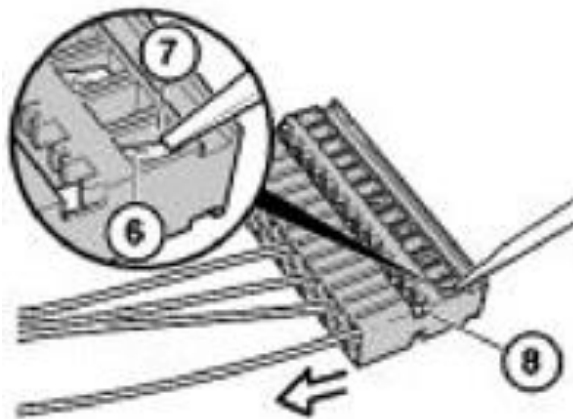Pin 4 (red), 5 (black), 14 (black) and 15(white) (See **Fig. 4**)

Fig. 3

Fig. 4

Fig. 5
contact carrier

1. Re-install 18-pin contact carrier to plug housing.
2. Reconnect 18-pin plug to chamber **C2 on radio**
3. Disconnect 8-pin plug from chamber "**A**" (See **Fig. 1**) and connect power harness mating connector (See **Fig. 6**)
4. Connect power harness 8-pin plug to chamber" **A**" vacated in step 3.

Fig. 6
power harness

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

6. 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.**
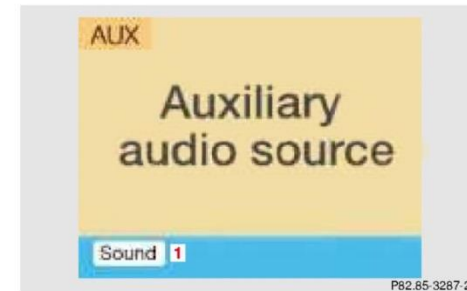

Fig. 7
Lightning plug

Operation

1. Connect Lightning plug to Apple device
2. Turn ignition and COMAND2.0 radio "ON"
   Apple device should beep/vibrate and begin charging
3. Switch COMAND2.0 radio to "AUX" Mode:
   Turn right hand rotary/pushbutton to highlight "AUX" menu field in main system settings and press to confirm.

   Alternate: Press **SYS** button to gain access to **AUX IN** menu field or from Navigation screen scroll to AUX option.

Switching on auxiliary audio source on/off

4. Select test track on Apple device

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

5. Selected track is now be heard on car speakers.
6. Use radio volume control to set playback level **(See Frequently asked question #2)**
7. If successful go ahead and reinstall radio.

Frequent ask questions & troubleshooting

1. **Does the IL-CMD work in Bose systems?**
   YES; works in Bose and non-Bose applications
2. **Why is "AUX" playback considerably lower than other sources?**
   COMAND volume can be adjusted for AUX as follows:
   • Turn radio to AM/FM and adjust volume to a comfortable listening level.
   • Press "**SVC**" button on COMAND radio.
   • Select "**AUX**:" setting on COMAND radio.
   • Press play on audio device (e.g., Apple iPhone etc.)
   • Adjust volume on audio device so that audio system output is at or near the same comfortable level previously set for AM/FM station.
   • Adjust volume with COMAND radio or steering wheel.
3. **Does the IL-CMD require disconnecting CD changer?**
   NO; CD changer (if present) remains connected and functional
4. **Which COMAND2.0 APS radios were used during your test?**
   A 463 820 12 89, **A 208 820 31 89**, A 203 827 53 42, **A 210 820 49 89**, A 210 820 52 89, **A 210 820 55 89**, A203 820 92 89, **A203 820 38 89**,
5. **Will the iL-CMD work on Mercedes MCS radios seen in Fig. 9?**
   NO; MCS (Modular Control Systems) available in **US market are not compatible with the IL-CMD.** (See **Fig. 10**) The IL-CMD works only on Mercedes COMMAND 2.0 radios.

Fig. 10
Mercedes MCS radio

6. **Will this adapter drain car battery?**
   NO; When properly installed, the IL-CMD is powered only when ignition is "ON" therefore eliminating all battery drainage possibilities.
7. **Can I control Apple device from COMAND radio buttons or steering wheel controls?**
   NO; control remains with Apple device. Radio volume button/steering wheel volume buttons may be used to adjust playback level.

Comand 2.0 radio

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• This product has no affiliation with Mercedes Benz or Apple
• There are no warranties expressed or implied by purchase of this product
• We're not liable for misuse of this product.
•We recommend professional installation.

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