



# Neo ProLink v3

## IPOD TO FORD – PODFRDCAN

# IPOD CONNECTION KIT INSTRUCTION MANUAL

The PODFRDCAN allows you to operate your iPod (Mini, G4, G5) using the OEM satellite radio controls of your Ford/Lincoln or Mercury Group radio. Using this interface, the iPod will take the place of the Ford Satellite system, providing you with one of the most interactive OEM iPod “*INTERFACES*” in the industry.

Control of the iPod through the OEM radio includes, but is not limited to:

- Individual search by artist, album, playlist, song, composer etc...
- Ability to display the following TEXT fields:
  - **Artist name**
  - **Song name**
  - **Album title**
  - **Playlist name**
- The option of using the OEM radio or iPod to control your iPod.
- Direct audio connection for optimal sound quality.
- Charging of the iPod.

**NOTE: If OEM Ford Satellite radio is present, you must disconnect it before installing this interface.**

### iPod COMPATIBILITY:

<u>Model</u>	<u>Firmware</u>
iPod Mini	1.4.1
G4 (4 <sup>th</sup> generation iPod)	3.1.1
Color • Photo	1.2.1
Nano	1.3
Video	1.2.1

Note: iPod control functions may not remain the same after updating the iPod with firmware not specified in this manual.

### VEHICLE APPLICATIONS:

For use with vehicles when equipped with satellite ready radios\* with 16-pin radio connectors and an “**AUX**” button:

\*Some 2005 radios may not be satellite capable

**Not compatible if vehicle is equipped with OEM Rear Seat Entertainment (RSE) or factory satellite radio.**

### INTRODUCTION

This operations manual has been prepared to provide a thorough description on how to interface and operate the iPod with your OEM car stereo. All vehicles require different NCA interfaces and installation techniques. The information given is for guidance and each installer should make necessary decisions that are not covered by this guide.

Neo Car Audio strongly recommends professional installation of all aftermarket equipment. The terms of warranty demand that professional installers, if consumers need installation support, use the installation procedure special tools and knowledge.

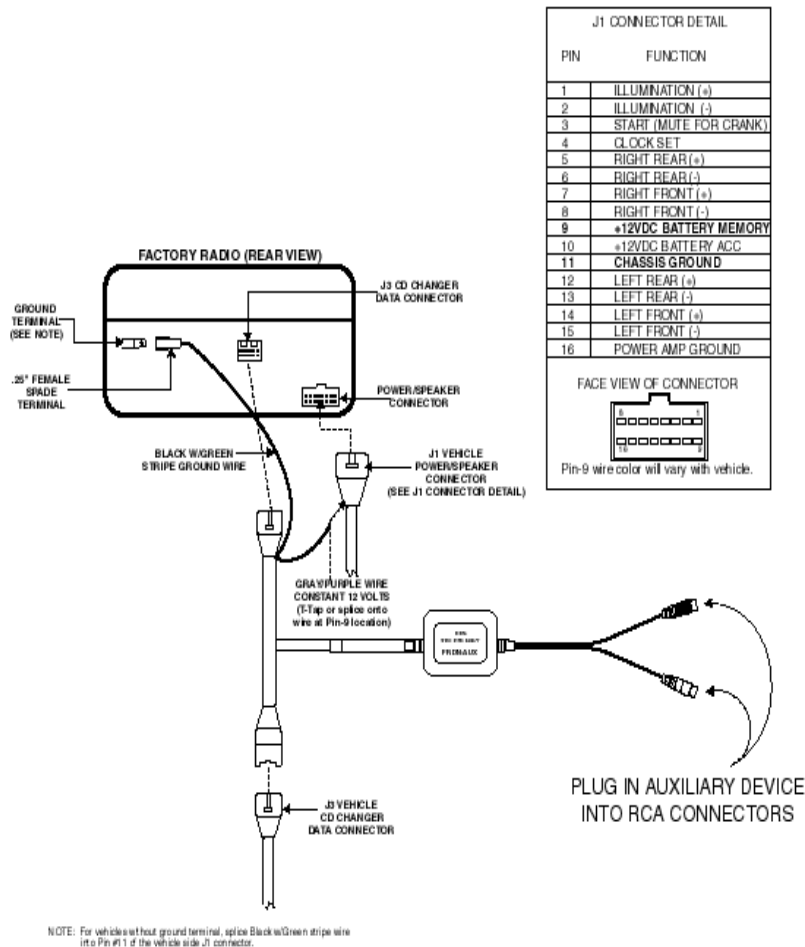
## WARNINGS

1. Ensure that the vehicle's battery terminal (-) is disconnected before installation. Disconnecting the battery terminal before installing this interface ensures proper synchronization and helps avoid possible synchronization errors.
2. Ensure that normal control and operation of the vehicle is not impaired by the installation, mounting all pieces securely and preventing interference to necessary vehicle operation.
3. This interface is suitable for use only in vehicles with a 12-volt negative grounding. Use on other supply voltages or alternative polarity will damage the equipment.

**Please read the installation guide thoroughly, making special note to the warning section, before beginning installation.**

### Installation of interface to vehicle

1. Disconnect the negative battery terminal.
2. Remove the factory Ford radio to gain access to the necessary connectors.
3. Disconnect the factory 16-pin (if present) connector from the rear of the radio.
4. Connect the male 16-pin connector of the PODFRDCAN into the radio.
5. Reconnect the factory 16-pin (if present) connector into the mating connector of the PODFRDCAN.
6. Connect the Grey/Violet wire to a 12 Volt- constant source. (Such as the cigarette lighter) Connect the Green/Black wire to chassis ground.
7. Connect the 10-pin Molex connector of the interface harness to the mating connector of the interface black box.
8. Connect the male DB15 connector of the 4-foot dock cable to the interface black box.
9. Route the 4-foot dock cable to the iPod location (i.e. center console or glove box) do not connect iPod yet.
10. Re-install the OEM radio back into dash.
11. Reconnect the negative battery terminal.



## Installation of iPod to interface

**Note: For best synchronization between iPod and radio, radio and iPod should both be ON.**

1. Connect the routed 4-foot dock cable to the iPod. A symbol showing your battery is being charged will show next to the battery indicator.
2. Wait a few seconds while the iPod interface searches for all the playlist(s). Searching time may vary depending on the number of playlist(s).
3. After connecting the iPod to the interface, the iPod will show an **"OK to disconnect"** message. This message means the iPod is in external control mode and proper synchronization is complete.

**NOTE : If this "OK to disconnect" does not appear within 5-10 seconds, please disconnect the iPod and recheck your connections.**

## iPod Playback functions

The control functions for the iPod using the OEM radio's satellite radio controls are similar to those used on the iPod itself. Due to certain radio limitations, there are some differences in how the iPod information is accessed and / or displayed through the OEM radio.

The following describes how to control the iPod from the OEM radio, and any similarity to the iPod's controls or buttons has been noted.

## Listening to your iPod

Once the iPod is connected to the dock cable, press the **AUX** button to begin listening to your iPod. The radio will display "SAT1" and the iPod will begin playing the song that it was currently at before it was connected. After the radio displays IPOD HEAD → MUSIC SELECT → PLAYLISTS, the current song title and elapsed time will be displayed (up to 12 characters). At this point the radio is in 'IPOD HEAD' mode and all controls are done through the satellite radio control buttons on the Ford radio.

Pressing the AUX button a second time will display "SAT2". This is the 'REMOTE MODE' and will restore the iPod screen and controls while still allowing limited control through the radio. "SAT3" will switch control back to the radio and is the same as "SAT1".

## Radio Controls for your iPod in 'IPOD HEAD' mode (SAT1 / SAT3)

Now that your iPod is connected and you are listening to your music, you can begin navigating through your music library in much the same way you would from the iPod itself. The radio buttons / iPod controls and their similarity to the buttons / controls on the iPod itself are as follows:

- <SEEK - Similar to iPod **PREVIOUS TRACK** button; press and hold to rewind through current song
- SEEK> - Similar to iPod **NEXT TRACK** button; press and hold to fast forward through current song
- TEXT - Toggles between artist name, album name, and song name; button location varies by headunit
- PRESET 1 - (Similar to iPod **"MENU"** button)
- PRESET 2 - (Similar to iPod **"SELECT"** button)
- PRESET 3 - (Similar to counter-clockwise rotation of iPod Click wheel)
- PRESET 4 - (Similar to clockwise rotation of iPod Click wheel)
- PRESET 5 - (Toggles between **SHUFFLE SONGS, SHUFFLE ALBUMS, SHUFFLE OFF**)
- PRESET 6 - (Toggles between **SCAN ON, SCAN OFF, REPEAT ON, and REPEAT OFF**)

## Browsing by song, artist, etc.

Pressing radio preset 1 will allow you to enter MUSIC SELECT mode in order to toggle through the following categories:

**PLAYLISTS → ARTISTS → ALBUMS →  
SONGS → PODCASTS → GENRES →  
COMPOSERS → AUDIOBOOKS**

*Example of finding a song by a particular artist:*

- Press radio preset 1 to get into MUSIC SELECT mode.
- Using radio presets 3 & 4, locate the ARTIST category and press radio preset 2.
- Using radio presets 3 & 4, locate the desired artist and press radio preset 2.
- Using radio presets 3 & 4, select the desired album for that artist and press radio preset 2.
- Using radio presets 3 & 4, locate the desired song and press radio preset 2 to begin play.

## Radio Controls for your iPod in 'IPOD REMOTE' mode (SAT2)

Upon entering the SAT2 band on the Ford radio, the check mark on the iPod display screen will disappear, the radio will display 'IPOD REMOTE' and the iPod screen and controls are now operational. This is useful for more rapid navigation through the iPod song library when using an iPod that contains an unusually large number of songs.

**In IPOD REMOTE mode, radio controls are limited to the following:**

<**SEEK** - Similar to iPod **PREVIOUS TRACK** button; press and hold to rewind through current song

**SEEK**> - Similar to iPod **NEXT TRACK** button; press and hold to fast forward through current song

**TEXT** - NO FUNCTION

**PRESET 1** - (Similar to iPod **"MENU"** button)

**PRESET 2** - (Similar to iPod **"SELECT"** button)

**PRESET 3** - (Similar to counter-clockwise rotation of iPod click wheel)

**PRESET 4** - (Similar to clockwise rotation of iPod click wheel)

**PRESET 5** - (Toggles between **SHUFFLE SONGS** and **SHUFFLE OFF**)

**PRESET 6** - (Toggles between **SCAN ON** and **SCAN OFF**)

**NOTICES, WARNINGS, AND WARRANTY**

**One Year Limited Warranty**

The quality controls used in the manufacture of this product ensure your satisfaction. This warranty applies only to the original purchaser of this product from an authorized dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by NEO CAR AUDIO authorized personnel, is found to have failed in normal use due to defects in material or workmanship. This warranty does not apply to installation expenses. Operating this unit under conditions other than those recommended or voltages other than the voltage indicated on the unit, or attempting to service or modify the unit, will render this WARRANTY VOID. Unless otherwise proscribed by law, NEO CAR AUDIO shall not be liable for any personal injury, property damage or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product.

All parts of this NEO CAR AUDIO product are guaranteed for a period of 1 year as follows:

Within the first 12 months from date of purchase, subject to the conditions above, NEO CAR AUDIO will repair or replace the product if it is defective in material or workmanship providing it is returned to NEO CAR AUDIO, with PROOF OF PURCHASE from an authorized dealer. If you have a problem with this product, please call or write to our Customer Service Dept. Neo does NOT warrant ANY installation.

All warranty repair must have a RMA number from our service department. Contact Neo Car Audio Phone: 619-819-0758 for further warranty repair info. **Proof of purchase is required.** Warranty does not cover normal tear and wear, damages due to negligence, improper installation or operation.

**Warning:**

1. This equipment may be reset by unintentional electrostatic discharge during operation. Exposure to direct sunlight or extreme heat may cause damage or malfunction.
2. Do not disassemble or alter the cable and interface box. Make the connections correctly
3. Do not cut away the wire sheath and use the power for other equipments.
4. Do not install in locations which might hinder vehicle operation or create hazards for vehicle occupants.
5. Have the wiring and installation done by professionals.
6. Arrange wiring so it is not crimped or pinched.
7. Keep away from children. This adapter may contain small parts that could pose a choking hazard when handled by children.
8. Do not use this product for purposes other than stated for the vehicle.

**Caution:**

1. Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some countries and areas.
2. Driving is dangerous and requires full concentration, be careful and attentive on the road. The driver of a motor vehicle should not operate the Neo Adapter while driving. Stop operation of the Neo Adapter by your passenger if you find their use disruptive or distracting while driving. Do not allow this adapter to distract you from driving and responding to traffic conditions.

**Copyrights, warnings, and other information**

The illustrations, technical information, data and descriptions contained in this publication are subject to change without notice. This publication, together with all information contained in it, and all intellectual property rights on this publication remain the property of NEO CAR AUDIO. The user may not pass this publication on to third parties. No liability will be accepted for any inaccuracies or omissions in this publication, although due care has been taken to make it as complete and accurate as possible. Unauthorized reproduction or reverse engineering is strictly prohibited! Intellectual property included is distributed under specific license agreement with respective vendor(s). No warranty, explicit or implied, is stated and neither Neo Car Audio Inc., nor any of its distributors, dealers or vendors shall be liable for damages. IN NO EVENT SHALL Neo Car Audio's LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, IT'S ACCOMPANYING SOFTWARE, OR ITS DOCUMENTATION.

iPod, 3rd Generation, 4th Generation, Mini, Photo, U2, HP, Nano and Video are registered trade marks of Apple Computers, Inc.

Product design and specifications are subject to change without notice, this includes the iPod CABLE, adapter BOX, etc. Neo does not guarantee the accuracy of the retail product picture - changes are made without notice to our dealers. Neo uses several cases for its adapters, yet ONE common "retail" picture may be used.

**Looking for an iPod Car Connection Kit for another vehicle radio?**

Visit [www.neocaraudio.com](http://www.neocaraudio.com) or call 619-704-0690 for more info