



# Neo ProLink vSAT

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**IPOD TO FORD - PODFRD2024VSAT**

Use for both 20VSAT & 24VSAT

**IPOD CONNECTION KIT  
INSTRUCTION MANUAL**

# NEO PROLINK

## Ford

With the Neo ProLink for FORD radios equipped with SAT capabilities you have two options to choose from while using it: **Direct Mode or Playlist mode.**

- In Direct Mode you can fully control the iPod at ALL times. It will not disable your iPod screen, buttons or click wheel. There are no special playlists that need to be setup, or specific naming of playlists. You can select any menu, song or playlist from the iPod, while changing tracks on the ipod AND from the track buttons on your radio.

- In Playlist Mode the radio display **WILL display TEXT**. You will be able to search your ipod by playlist, artist, album, song, etc... In this mode your iPod buttons, screen and click wheel will be **disabled**, access to music will not be possible from the ipod buttons. You can seamlessly switch between modes so you can try both modes and see which one you like. **TEXT** is displayed on CD Text capable radios.

### FEATURES

Direct Connect - iPod plugs directly into car radio's CD Changer port.

Track Control – Change iPod songs from CD Changer buttons on car radio.

- Direct Mode - Direct access and control of every playlist, song, artist and menu setting - OR

- Playlist Mode –Search playlists, artists, albums, songs, etc from radio buttons.

Text display on factory radio

Charging and Power – iPod is powered and charging while in use.

### COMPATIBILITY

The Neo ProLink is compatible with all iPods with a DOCK connection located on the bottom of the iPod. This includes the following iPods;

*3rd Generation, 4<sup>th</sup> Generation, Mini, Photo, U2, HP, Nano and Video.*

The Neo ProLink connects your iPod directly to your stereo by connecting to the SAT radio port on the back of the radio. It will replace the SAT radio receiver. The CD player/changer which is an “in-dash” built into the radio will not be affected.

<u>Ford, Lincoln, Mercury</u>	<u>Yrs Compatible</u>	<u>Ford, Lincoln, Mercury</u>	<u>Yrs Compatible</u>
Aviator	2004-2005	LS	2004-2005
Continental, TownCar	2004-2005	Mariner	2005
Crown Victoria/G. Marquis	2005	Mountaineer	2004-2005
Escape	2004-2006	Mustang	2004
Excursion	2000-2005	Navigator	2004-2006
Expedition	2004-2006	Sport Trac	2004-2005
Explorer	2004-2005	Thunderbird	2004-2005

**Important: Radios MUST have external SAT radio capabilities. This kit IS compatible with radios that use a 16 and 24pin OR a 20pin configuration. If you have any other connector on the radio, please contact NEO as your radio requires a different vehicle cable.**

**Not compatible with FORD vehicles equipped with Factory Navigation RSE/DVD systems or SAT radio – It must be disconnected.**

### IMPORTANT FORD RADIO NOTE:

Ford radios – 2004+ have many combinations of plugs and options. Compatibility for some radios can only be determined by removing the radio. If this kit is not compatible with your car, please contact Neo and they will get the kit that is. Be sure to note the connections you have on your radio (16pin, 20pin, 24pin etc), as well as the radio model number before calling. More times than not, we DO have an option for you.

## **IMPORTANT INSTALLATION INSTRUCTIONS** **PLEASE READ BEFORE INSTALLING**

### **PACKAGE CONTENTS**

Neo ProLink – Black Box  
Ford Cable (16 and 24 pin plug) or  
Ford Cable (20 pin plug)  
iPod Cable

### **INSTALLATION STEPS**

**Step 1:** Disconnect the negative battery terminal.

**Step 2:** Remove the radio.

**Step 3:** Determine which Pin Configuration you have (16/24 or 20pin)

**Step 4:**

#### **Radio with 16 and 24pin plug**

- Unplug 24pin and 16pin connectors from radio if present.
- Plug the 24pin and 16pin connector into the radio.
- Reconnect the factory 24pin and 16pin harness (if present) into the “piggy back” of the Neo Ford cable.

#### **Radio with 20pin plug**

- Plug the 20pin connector on the neo harness into the radio.
- Connect the BLACK / GREEN wire on the Neo cable to chassis ground.
- Locate the 12v constant power on the 16pin cable that you originally unplugged from the radio.
  - ⇒ Use a line tester to locate which wire is the 12v constant. (this will be the wire that is receiving power when the keys are out of the ignition)
  - ⇒ Connect the GRAY / VIOLET wire to a 12v constant source. Use a line tap or T-tap to connect the wire.
- Reconnect the 16pin connector to the radio

**Step 5:** Connect the vehicle cable to the matching plug on the Neo box.

**Step 6:** Connect the ipod cable to the box. Do NOT connect the iPod.

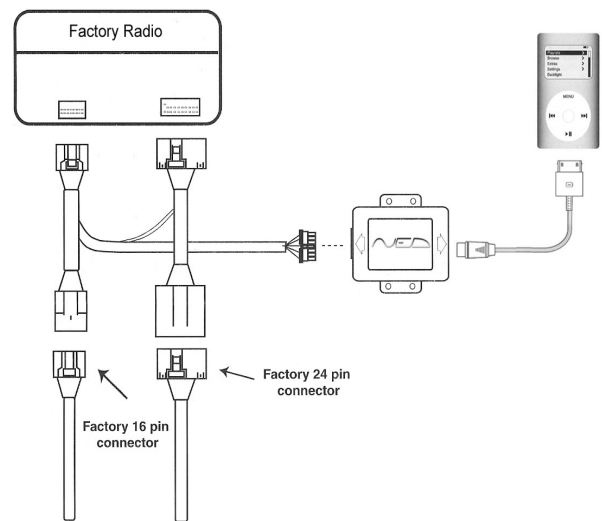
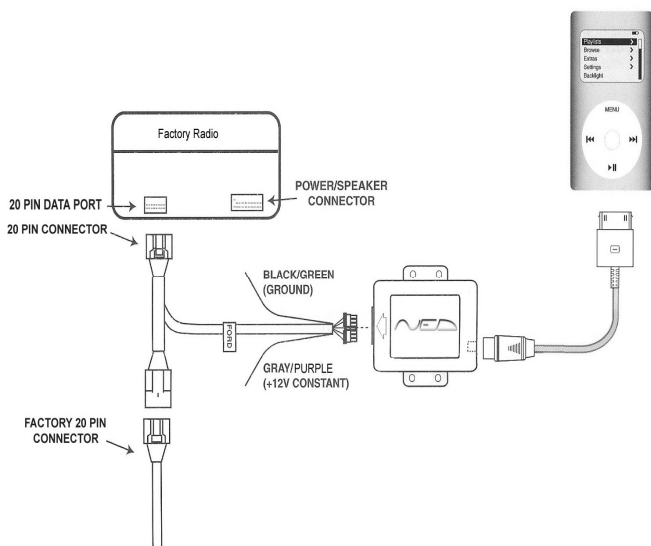
**Step 7:** Reconnect the negative battery terminal.

**Step 8:** **TEST the interface before reinstalling radio!**

- ⇒ Turn car on, Turn iPod on. Connect iPod to iPod cable – your iPod should be charging.
- ⇒ The adapter may take a few seconds to respond as it is searching the playlists on the ipod.
- ⇒ You should see an “OK to Disconnect” message. This means the radio is recognizing the iPod.
- ⇒ Press the SAT button on the radio, radio should respond and switch to the iPod.

IF “OK to disconnect” does not appear within 5-10 seconds, please disconnect the iPod and recheck your connection.

**Step 9:** Reinstall the radio back into the dash of the vehicle.



## USER'S GUIDE

### CONNECTING AND PLAYING THE IPOD

Turn your radio on before connecting the iPod. When the iPod is connected to the adapter, the iPod screen will show an "OK to disconnect message". Once the message appears, press the SAT button to begin listening to your iPod. The iPod will begin playing the song that it was currently at before it was connected. When the song title is first displayed, you will momentarily see the first 8 characters of the title, then the next 8 characters, and then back to the first 8 characters.

### WARNING!!

Use only the iPod connector cable which comes with the Neo iPod adapter. Other cable's may look similar, but can cause damage to iPods and to the Neo iPod adapter.

### UNLOCKING THE IPOD BUTTONS

The adapter defaults to Playlist mode and will show an "OK to disconnect" message when plugged in. If you would like to put it into **Direct mode** (this unlocks your ipod and allows full use of the buttons and iPod Screen), please follow these steps: **(PLEASE NOTE, NO TEXT IS DISPLAYED ON RADIO WHEN IN DIRECT MODE)**

- ⇒ Press the < DISC – TUNE > button, you will see a category come up. Keep pressing the button until you come to PLAYMODE.
- ⇒ When PLAYMODE is displayed, press the <SEEK> button to toggle between the following modes as described.

**IPOD Mode = Direct Mode    and    HEAD Mode = Playlist Mode.**

*"IPOD" Mode:* When selected, upon disconnect and reconnect of iPod, the iPod display screen and buttons are UNLOCKED

*"HEAD" Mode:* When selected, "OK to disconnect reappears on iPod screen and iPod control and text is now on the FORD radio.

### SELECTING A SONG ON THE IPOD

Now that your iPod is connected and you are listening to your music, you will need to put the radio into the "SONG" category in order to select songs from the current play list. This is done as follows:

Press the < DISC – TUNE > button on the OEM radio until you see the songs category.

Once you see the "SONGS" category displayed on the radio, press the <SEEK> button. The next song in the current play list will be selected and you can now use the <SEEK> button to track up or down through the current play list

As described in the next section (“Controlling your iPod”), the OEM satellite radio controls are used in a variety of different ways to navigate through your iPod library.

## **CONTROLLING YOUR IPOD – DISC-TUNE CATEGORIES**

< DISK – TUNE > - (similar to iPod click wheel) - Allows you to toggle through the following categories:

- **CATEGORY OFF** (similar to “Now Playing”)  
If at any time you want to get off a search and return to the current song being played, press < DISK – TUNE > until you see CATEGORY OFF displayed, then press <SEEK> twice. This is similar to the “NOW PLAYING” option on the iPod menu. On some radios, pressing any of the radio preset button will also return back to the song.
- **ALBUMS** (See “BROWSE SONGS”)
- **ARTIST** (See “BROWSE SONGS”)
- **COMPOSER** (See “BROWSE SONGS”)
- **GENRES** (See “BROWSE SONGS”)
- **CAT ON** This message is displayed if you attempt to enter into a category that you are already in.

If one of the above categories is selected using the <SEEK> button (ARTIST, for example) but no song is ultimately selected, the radio will continue to display the last selection in that category.

REMEMBER: To return the radio display to the current song being played, select CATEGORY OFF and <SEEK> twice.

- **REPEAT (ON,OFF)**  
With REPEAT displayed, press the <SEEK > button to turn the REPEAT function on or off.  
To return radio display to current song information, select CATEGORY OFF and Press <SEEK> twice.
- **SHUFFLE (SONGS, ALBUMS, OFF)**  
Shuffle **SONGS**: Songs from the current category selection will play in random order.  
Shuffle **ALBUM**: Albums from the current category selection will play in random order  
To return radio display to current song information, select **CATEGORY OFF** and press <SEEK>.
- **SONGS**  
Used at the end of a given search to play the first song in the selected category. For example, if you select the ARTIST category and the first artist displayed is “AC/DC”, when you select the songs category and press <SEEK>, the first song from the AC/DC will be played.

## **BUTTONS ON RADIO**

### **SCAN**

Press once to listen to the first 10 seconds of each song in the currently selected play list Press a second time to turn SCAN function off.

### **<SEEK>**

Press once to listen to the final 10 seconds of each song in the currently selected playlist.  
Press a second to turn SCAN function off.

- **WHEN TOGGLING THROUGH CATEGORIES**  
Used to enter the displayed category. (similar to the SELECT button)
- **WHEN IN “SONGS” CATEGORY:**  
Used to select next or previous song, (similar to iPod previous / next track buttons)
- **WHEN IN CATEGORY OTHER THAN “SONGS”:**  
Used to select next or previous selection in this current category (similar to IPOD click wheel)
- **WHILE LISTENING TO A SONG:**  
Press and hold to fast forward or rewind through the current song. Audio is muted during this time, however, audio returns and elapsed time is momentarily displayed once SEEK button is released.  
(similar to iPod previous / next track buttons)

### **<REW – FF> or <TEXT>**

- **WHILE LISTENING TO A SONG:**

Press REW to view artist for current songs.

Press REW again to return to song title otherwise song title will return in 3 seconds.

Press FF to view name of current song.

Press FF again to return to song title otherwise song title will return in 3 seconds.

- **WHILE LISTENING TO A SONG (with SHUFFLE on):**

Press REW then FF in rapid successions to select next song (momentarily displays 12 characters of song title)

Press FF then REW in rapid successions to select previous song (momentarily displays 12 characters of song title)

- **WHILE LISTENING TO A SONG (with SHUFFLE off):**

Press REW then FF in rapid successions to view next song title (momentarily displays 12 characters of song title) while current song continues to play. To play the song that you have located and that is currently displayed, press SEEK button.

Press FF then REW in rapid successions to view previous song title (momentarily displays 12 characters of song title) while current song continues to play. To play the song that you have located, and this is currently displayed, press the SEEK button.

## **BROWSE SONGS:**

This section as referred to in the “Controlling your iPod” – Categories Section.

### **BY ALBUMS**

Press the < DISC – TUNE > button until the “ALBUM: category is displayed.

Once the “ALBUMS” category is displayed, press the <SEEK button to enter the “ALBUMS” category.

NOTE: If you do not press the <SEEK> button within 4 second, the radio display will default back to the current song information and you will need to start your category search over.

Using the <SEEK> button, locate the desired album.

NOTE: You can use a press of the REW and FF button (in rapid successions) to toggle the albums without the momentary audio mute that you get when using the <SEEK> button.

Once you find the desired album, Press the <DISC – TUNE > button until the “SONGS: category is displayed.

Once the “SONGS” category is displayed, press the <SEEK> button to begin playing the final song in the album.

### **BY ARTIST**

Press the <DISC – TUNE> button until the “ARTIST” category is displayed.

Once the “ARTIST” category is displayed, press the <SEEK> button to enter the “ARTIST” category.

NOTE: If you do not press the <SEEK> button within 4 seconds, the radio display will default back to the current song information and you will need to start your category search over.

Using the <SEEK> button, locate desired artist.

NOTE: if you do can use a press of the REW and FF button (in rapid succession) to toggle through the artists without the momentary audio mute that you get when using the <SEEK> button.

Once you find the desired artist, press the <DISC-TUNE> button until the “SONGS” category is displayed.

One the “SONGS category is displayed, press the <SEEK button to begin playing the first song by that artist.

### **BY COMPOSER, GENRE, etc**

To search by composer, genre, or play list, follow the sequence that has been described to search by album or artist using the <DISC-TUNE> and <SEEK> buttons

### **SWITCHING BETWEEN SOURCES** (AM/FM, CD, Cassette)

When a source other than the iPod is selected on the radio, the iPod will pause.

## **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.

All warranty repair must have a RMA number from our service department. Contact Neo Car Audio for further warranty repair info.

### **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.
3. Make the connections correctly
4. Do not cut away the wire sheath and use the power for other equipments.
5. Do not install in locations which might hinder vehicle operation or create hazards for vehicle occupants.
6. Have the wiring and installation done by professionals.
7. Arrange wiring so it is not crimped or pinched.
8. Do not use this product for purposes other than stated for the vehicle.

### **Caution:**

1. The ACC Switch Output Connector has 10mA drive capability only. You must use a relay if higher ACC power output is required.
2. Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some countries and areas.
3. Be careful and attentive on the road. Stop operation of the Neo iOn if you find it disruptive or distracting while driving. The driver of a motor vehicle should not operate the Neo iOn while driving.

### **FCC Class B Radio Frequency Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/television technician for help.

Notice 1: The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Notice 2: Shielded interface cables, if any, must be used in order to comply with the emission limits.

### **Copyrights, warnings, and other information**

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Ford is a registered trade mark of Ford Motor Company.

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

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

## NEO PROLINK

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**FORD did offer a 20pin radio with SAT capabilities. The radio is identical in look to the 24pin radio. If you happen to have the 20pin version. Please let us know as that kit is available.**