



# Neo ProLink v2

**IPOD TO ACURA/HONDA - PODHON3-15V2**

## IPOD CONNECTION KIT

### INSTRUCTION MANUAL

#### **FEATURES**

- Text Display – Text can be displayed while the kit is used in SAT mode except on navigation vehicles.
- Direct Connect - iPod plugs directly into car radio's external device port.
- Track Control - Change iPod songs from XM or CD Changer buttons on car radio.
- Direct Mode - Direct access and control of every playlist, song, artist and menu setting from your iPod
- Advanced Mode - Access up to 5 playlists or Playlists, Artists and Albums from the radio buttons.
- Charging and Power – The iPod is powered and charging while in use, auto stops after 1/2 hour of non use.
- Auxiliary input - Add a DVD, Satellite radio or any audio device in conjunction with iPod.

#### **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; *iPhone, Classic, Touch, 4<sup>th</sup> Generation, Mini, Photo, Nano and Video*. Future iPod and/or firmware versions may affect the functionality of the kit.

<b><i>Models Compatible</i></b>	<b><i>Yrs Compatible</i></b>	<b><i>Modes</i></b>	<b><i>Notes</i></b>
Acura MDX/TL	2005 – 2009	CDC or SAT	Navigation Radios use part PODACU15XL-V2
Acura RDX	2007 – 2009	CDC or SAT	Navigation Radios use part PODACU15XL-V2
Acura RL	2006 – 2009	CDC or SAT	Navigation Radios use part PODACU15XL-V2
Acura TSX	2004 – 2009	CDC or SAT	Navigation Radios are not compatible
Honda Accord/Element	2003 – 2009	CDC or SAT	Element LX is not compatible
Honda Civic	2006 – 2009	CDC or SAT	
Honda CRV	2005 – 2009	CDC or SAT	
Honda Fit	2007 – 2009	CDC	
Honda Odyssey	2005 – 2008	CDC or SAT	
Honda Pilot/Ridgeline	2006 – 2008	CDC or SAT	
Honda S2000	2004 – 2008	CDC	

- **Radio must be compatible with SAT for SAT mode to be used**
- **Internal CD or CDC player will be retained.**

## **WARNING!**

Do not allow the Apple iPod to distract you from driving! Only operate the unit when stationary or ask passengers to operate it for you. Neither Neo Car Audio Inc., Apple Computer, Inc., its regional offices, distributors or resellers accept any responsibility for any damage or injury as a result of using Neo iPod Integration Kits. The use of this product constitutes your acceptance of our terms and conditions. Please return the kit immediately if you do not agree. Use only the iPod connector cable which comes with the Neo Adapter. Do NOT plug in any other iPod cable from any other kit. Other cable's may look similar, but can cause damage to iPod and especially to the Neo adapter.

**Exercise good judgment and keep your eyes on the road at all times!**

NEO CAR AUDIO verified the published radio and vehicle application to the best of our ability. Due to uncontrollable factors, NEO CAR AUDIO can not 100% guarantee every published applications. These factors include variables such as, anomalies within a factory radio, factory radio heretofore unknown to NEO CAR AUDIO and partial model year changes.

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

Before you begin the installation, you need to set the dip switches to the correct settings – depending on how you choose to use it. They can be changed at ANY time if you change your mind. **Make sure Power is OFF and box is unplugged before making changes. Also, NEVER permanently hide the box, it should be placed somewhere for you to access easily.**

The Neo ProLink connects your iPod directly to your stereo by connecting to the external device port on the back of the radio. It will replace the **external** 6-disc CD changers or one of the XM sources. External CD changers plug into the actual radio and therefore it is not possible to have both an external 6-disc CD changer and the Neo ProLink connected at the same time. The CD player/changer which is an “in-dash” built into the radio will not be affected.

## **ABOUT THIS INTERFACE**

This interface connects an iPod, iPhone or iTouch directly to your ACURA sound system for the best audio quality possible. The factory installed Navigation and Sat radio will continue to work a long with the Ipod from your factory radio and steering wheel controls.

On vehicles without SAT capability, CDC mode must be used and the external CD changer disconnected.

This interface will charge both 12v (Firewire) and 5v (USB) iPods and iPhones. It will stop charging the iPod 30 minutes after the car is turned off.

When using this interface in SAT mode, text information from the iPod can be displayed on the radio screen. Artist name and Song name will be displayed much like how it's shown when using the factory SAT radio. In CDC mode the radio is not capable of doing this.

It is recommended that this kit be installed by a professional installer. It is also suggested that the module be mounted or placed in a position that can be accessed by the user for future DIP switch configuration changes, AUX or iPod cable replacements and Firmware Updates.

## PACKAGE CONTENTS

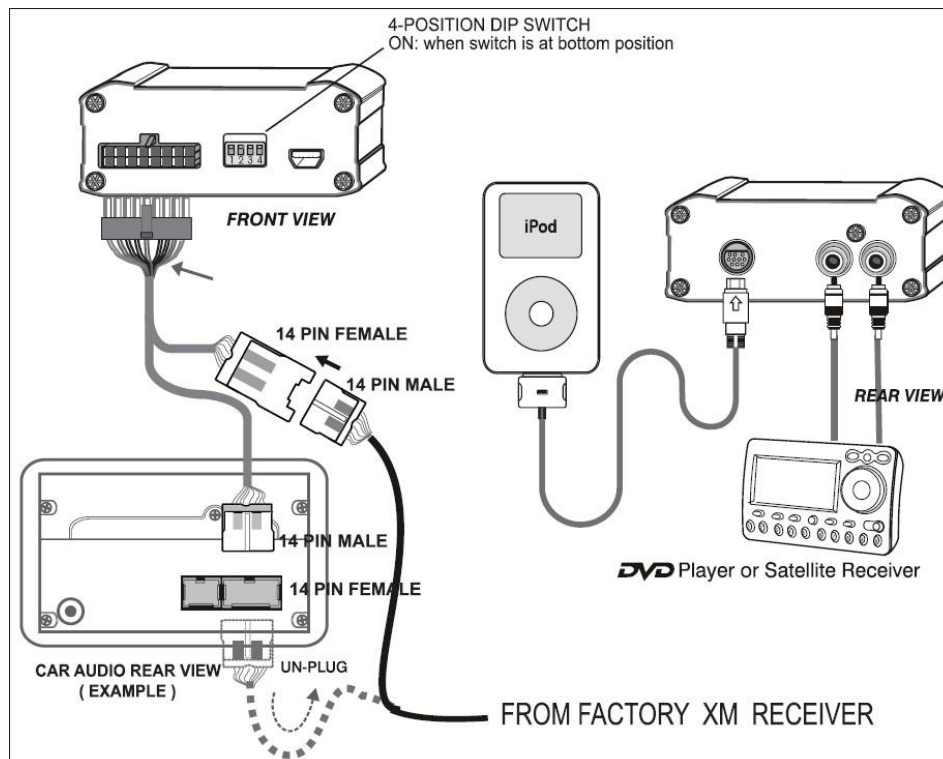
The complete kit PODHON3-15V2 will include a radio harnesses, iPod cable and the interface adapter itself.

## IPOD COMPATIBILITY

Although we always suggest upgrading all iPods and iPhones to the latest available firmware, we cannot guarantee future versions will work with all the features of our kit. Please contact Neo Car Audio if you are unsure about an update after the kit has been installed and tested.

## INSTALLATION

- Step 1.** Set the dip switches on the module to the desired mode
- Step 2.** Remove or eject all CDs from radio or CD Changer
- Step 3.** Disconnect the ground wire (Neg-) from the battery
- Step 4.** Remove the radio from the dash
- Step 5.** Set the DIP switches to the appropriate configuration
- Step 6.** Unplug the factory 14 pin connector from the back of the radio (some vehicles may not have this connection in use)
- Step 7.** Plug the female connection from PODHON3-15V2 into the back or bottom of the radio
- Step 8.** Plug the male connection from the PODHON3-15V2 into the factory female connection (if equipped)
- Step 9.** Connect the 18 pin Molex connector into the NEO ProLink module.
- Step 10.** Connect the 10 pin mini-din connector into the NEO ProLink module.
- Step 11.** Connect any Auxiliary source or extension cable into the RCA AUX inputs.
- Step 12.** Test kit and reinstall radio back into the dash.



## **!!!! IMPORTANT!!!!**

It is strongly recommended that the adaptor is installed in an easy accessible location, so that it can later be easily reset or upgraded. Eject ALL CDs from the built-in CD player or CD changer before removing the radio from dash board. SAFETY NOTE: You should always give full attention to driving. Do NOT operate the feature or function of PODHON3-15V2 in such a way that distracts you while driving.

## **SECTION 1. ABOUT INTERFACE**

### **1-1 Introduction**

- a) This interface connects an iPod (includes the "iPod" on iPhone) directly to your HONDA or ACURA audio system for optimal playback sound quality.
- b) This interface enables iPod to co-exist with HONDA navigation system, CD changer, XM radio receiver and DVD system, and controls iPod via both car radio and steering wheel control.
- c) PODHON3-15V2's on board software translates commands from your CD changer control or XM Band control into commands that the iPod understands.
  - i) You can either use the XM control or CD changer control of radio to work with iPod and iPhone. Use XM control if text display is desired. Radio must have XM button to use XM control.
  - ii) **When use XM control, XM1 is for iPod and XM2 is retained for XM broadcast reception.**
  - iii) ACURA navigation radios are not supported to use XM control configuration. PODACU3-15V2 should be used for ACURA navigation systems.
- d) This interface charges iPod while it is playing and charging stops automatically half hour after iPod is paused.
- e) **Future iPod firmware update may affect the features and functions described in this manual.**

### **1-2 Text Display of Song Information**

- a) Artist name and song title can be displayed on radio by configuring PODHON3-15V2 to work with XM buttons on radio.
- b) Only DISC number and track number are displayed on radio (Disc number = Playlist number) when use PODHON3-15V2 with radio's CD or AUX button.

### **1-3 Package Content**

PODHON3-15V2 contains one each of PODHON3-15V2 interface adaptor, CAS-H2y, CAS-HXM and CB-PA105.

### **1-4 Compatibility**

Future iPod and iTunes software updates may affect the features and functions described in this owner's manual and NEO CAR AUDIO web pages.

## SECTION 2. Playlist Mode, Direct Mode, Folder Mode and AUX Option

PODHON3-15V2 provides two ways to control your iPod through car radio, namely (Playlist Mode + Direct Mode) and (Folder Mode + Direct Mode.).

### **2-1 Direct Mode**

Search and select music on iPod just as you would in portable use. Use the track up/down, fast forward, fast reverse on radio and steering wheel to control.

- Direct Mode is supported in either XM control or CD changer control configuration.
- When PODHON3-15V2 is configured to XM control, XM1-8 is dedicated to Direct Mode.
- When PODHON3-15V2 is configured to CD changer control, DISC# 8 is dedicated to Direct Mode.
- In direct Mode, screen and click wheel keypad on iPod is unlocked and functional. No text display on radio regardless of PODHON3-15V2 is configured to XM control or CD changer control.
- ✧ *Application Tip: Direct Mode makes the playing of free wi-fi music stream such as Pandora.com@ from your iPhone or iTouch to car stereo easy.*

### **2-2 Playisit Mode**

Operate and control the iPod like it is a CD changer. This mode allows you to access five Playlists on iPod from radio. iPod screen always display “OK to disconnect” or “Attached to accessory” and iPod’s keypad is not functional or locked. See section 4-2 and 4-3 of this manual for more information.

- Playlist Mode is supported in either XM control configuration or CD changer control configuration.
- Radio displays artist name and song title only when adaptor is configured to control iPod with XM buttons on radio.
- When PODHON3-15V2 is configured to use XM control, CH01 to CH06 are Playlists and CH07 is All Songs on iPod..
- When PODHON3-15V2 is configured to use CD changer control, DISC #1 to DISC #6 are Playlists and DISC #7 is All Songs on iPod..
- If your iPod has more than 6 Playlists, see Playlist Naming in Section 5 of this manual...

### **2-3 Folder Mode**

Access 3 Folders, namely Playlist, Artist and Album on iPod from radio and allows text based song search by the title of Artist, Album and Playlist. See section 3-1 for more information.

- Folder Mode is applicable only when PODHON3-15V2 is configured to use XM control. And, radio must have XM button or XM ready.
- XM1- 1 accesses *Playlist* Folder. Display on radio is: PL- *name of Playisit*
- XM1- 2 accesses *Artist* Folder. Display on radio is: AR- *name of artist*
- XM1- 3 accesses *Album* Folder. Display on radio is AL- *album name*

**CAUTION: Do NOT operate *text based song search feature* when it is distractive or distracting from giving full attention to driving or to the road. Safe driving is your responsibility.**

### **2-4 AUX Input Option**

In addition to iPod, PODHON3-15V2 also can connect a second audio source to car radio. Connect the second audio source to the RCA jack labeled **AUX INPUT**. AUX input is enabled by setting the DIP switch #1 to ON position at the side of the interface adaptor to ON position.

## SECTION 3. Mode Setting and Function Control

Please carefully read the three different configuration of PODHON3-15V2 and decide which one to use and set the DIP switches accordingly before doing the installation.

**Note:** Radios do not have XM button can be CD changer control configuration only. See 4-3 section below.

### 3-1 Folder Mode + Direct Mode Configuration

(Note: this configuration supports text display but is applicable only to radio it has XM button.)

#### 3-1-1 Set DIP switches as follow:

DIP # 2	DIP # 3	DIP # 4
OFF	ON	OFF

Note: DIP switch #1 is only related to RCA AUX option setting and it is independent from these DIP switches' setting.

#### 3-1-2 Functions and Radio Buttons

- Press XM button on radio to access iPod at XM1
- Press XM button on radio to access XM stations at XM2. There will be a time delay when switch from XM1 to XM2. The period of delay varies by radio model.
- Use radio Preset buttons to access iPod Folders, Direct Mode and RCA AUX as follow:

<i>Push....</i>	<i>Radio Displays</i>	<i>Radio Plays</i>	<i>Remark</i>
Preset # 1	XM1- 1	Playlist Folders	
Preset # 2	XM1- 2	Artist Folders	
Preset # 3	XM1- 3	Album Folders	
Preset # 4	XM1- 4	All Songs Folder	
Preser # 5	XM1- 5	iPod Direct	
Preset # 6	XM1- 6	RCA AUX	IF DIP #1= ON

- Push DISP button on radio to view text information of music. Text display on radio is as follow:  
(Note: available on XM ready radio only.)

<b>DISP Button</b>	<b>Prefix Text form Radio</b>	<b>Text from iPod</b>	<b>Note</b>
1st Push →	XM CHannel NUMBER	<i>track number</i>	
2nd Push →	XM CATEGORY	<i>folder type &amp; name</i>	
3rd Push →	NMAE	<i>artist name</i>	
4th Push →	TITLE	<i>album name</i>	
4th Push →	XM CHannel NAME	<i>title of music</i>	

- Turn the TUNING knob to change track.
- Press-and-hold (about 2 seconds) preset button #2 to begin the RANDOM track play and press-and-hold the preset #2 button 2<sup>nd</sup> time to terminate the RANDOM play.
- Press the preset #3 or the preset #4 will retreat or advance 10 tracks respectively.
- Steering wheel control:

Several different steering wheel XM control designs are available from Honda and Acura. Some of the designs allow PODHON3-15V2 does track up and track down while others only allow Playlist or Folder change from steering wheel remote control.

In general, it is able to do track up or down if the CH+ and CH- keys on steering wheel are double-function type. Double-function means the CH+ and CH- buttons can perform two different tasks depends on the time length of it is being pressed.

### **3-1-3 iPod Connecting and Playing**

- When the iPod is connected to interface adaptor and XM1 on radio is pushed, iPod begin play at XM1-CH4.
- XM1- CH4 will continue play the track in **the** Folder which was played prior iPod is connected to PA15-HON2. As soon as the last track if **the** Folder is completed of playing, iPod will go to the first track of All Songs folder.
- When return to XM1-CH7 from a Folder (i.e. any CH among XM1-CH1 to XM1-CH3), XM1-CH4 will play the track where was left but points to All Songs folder regardless which Folder or Playlist was played at XM1-CH7 previously.
- When return to XM1-CH4 from Direct Mode, XM1-CH4 will continue the track and the folder being played at XM1-CH5 (Direct Mode). As soon as the last track of the folder is completed, iPod will go to All Songs folder.

### **3-2 Playlist Mode (with Text Display) + Direct Mode Configuration**

(Note: this configuration supports text display but is applicable only to radio it has XM button.)

#### **3-2-1 Set DIP switches as follow:**

DIP # 2	DIP # 3	DIP # 4
OFF	ON	ON

Note: DIP switch #1 is only related to RCA AUX option setting.

#### **3-2-2 Functions and Radio Buttons**

- Press XM button on radio to access iPod at XM1
- Press XM button on radio to access XM stations at XM2. There will be a time delay when switch from XM1 to XM2. The period of delay varies by radio model.
- Use DISC+ or DISC- button on radio to access Playlists, Direct Mode and RCA AUX as follow:  
(note: DISC- is Preset button #5 and DISC+ is Preset button #6)

<b><i>At....</i></b>	<b><i>Radio Plays</i></b>	<b><i>Remark</i></b>
XM1- 1	Playlist # 1	
XM1- 2	Playlist # 2	
XM1- 3	Playlist # 3	
XM1- 4	Playlist # 4	
XM1- 5	Playlist # 5	
XM1- 6	Playlist # 6	
XM1- 7	All Songs	
XM1- 8	Direct Mode	
XM1- 9	RCA AUX	IF DIP #1= ON

- Push DISP button on radio to view text information of music. Text display on radio is as follow:  
(Note: available on XM ready radio only)

DISP Button	Prefix Text form Radio	Text from iPod	Note
1st Push →	XM CHannel NUMBER	<i>track number</i>	(1)
2nd Push →	XM CATEGORY	<i>folder type &amp; name</i>	
3rd Push →	NMAE	<i>artist name</i>	
4th Push →	TITLE	<i>album name</i>	
4th Push →	XM CHannel NAME	<i>title of music</i>	

- Turn the TUNING knob to change track.
- Press preset button #2 to begin the RANDOM track play and press the preset #2 button 2<sup>nd</sup> time to terminate the RANDOM play.
- Press the preset #3 or the preset #4 will retreat or advance 10 tracks respectively.
- Steering wheel control:

Several different steering wheel XM control designs are available form Honda and Acura. Some of the designs allow PODHON3-15V2 does track up and track down while others only allow Playlist or Folder change from steering wheel remote control.

In general, it is able to do track up or down if the CH+ and CH- keys on steering wheel are double-function type. Double-function means the CH+ and CH- buttons can perform two different tasks depends on the time length of it is being pressed.

### **3-2-3 iPod Connecting and Playing**

- When iPod is connected to interface adaptor and XM on radio is pressed, iPod will begin play at XM1-4 (some radio design displays XM1-CH 4).
- XM1- CH7 will continue play the track in **the** Folder which was played prior iPod is connected to PODHON3-15V2. As soon as the last track if **the** Folder is completed of playing, iPod will go to the first track of All Songs folder.
- When return to XM1-CH7 from a Playlist (i.e. any CH amongXM1-CH1 to XM1-CH6), XM1-CH7 will play the track where was left but points to All Songs folder regardless which Folder or Playlist was played at XM1-CH7 previously.
- When return to XM1-CH7 from Direct Mode, XM1-CH7 will continue the track and the folder being played at XM1-CH8 (Direct Mode). As soon as the last track of the folder is completed, iPod will go to All Songs folder.
- If iPod has more than 6 Playlists, see Section 5 of this manual for Playlist Naming instructions.

### **3-3 Playlist Mode (without Text Display) + Direct Mode Configuration**

**Note: Radio without a XM button must use this configuration of PODHON3-15V2.**

#### **3-3-1 Set DIP switches as follow:**

DIP # 2	DIP # 3	DIP # 4
ON	ON	ON

Note: DIP switch #1 is only related to RCA AUX option setting.

### **3-3-2 Functions and Radio Buttons**

- Press CD or AUX button on radio to access iPod.
- Use DISC+ or DISC- button on radio to access Playlist, Direct Mode and RCA AUX as follow:

<b><i>At...</i></b>	<b><i>Radio Plays</i></b>	<b><i>Remark</i></b>
Disc 1	Playlist # 1	
Disc 2	Playlist # 2	
Disc 3	Playlist # 3	
Disc 4	Playlist # 4	
Disc 5	Playlist # 5	
Disc 6	Playlist # 6	
Disc 7	All Songs	
Disc 8	Direct Mode	
Disc 9	RCA AUX	IF DIP #1= ON

- Track up and down from steering wheel remote control is supported.

### **3-3-3 iPod Connecting and Playing**

- When iPod is connected to interface adaptor and CD button is pressed, iPod will play at DISC # 7.
- DISC #7 will continue play the track in ***the*** Folder which was played prior iPod is connected to PA15-HON2. As soon as the last track if ***the*** Folder is completed of playing, iPod will go to the first track of All Songs folder.
- When return to DISC #7 from a Playlist (i.e. any DISC among DISC #1 to DISC #6), DISC 7 will play the track where was left but points to All Songs folder regardless which Folder or Playlist was played previously.
- When return to DISC #7 from Direct Mode, DISC #7 will continue the track and the folder being played at DISC #8 (Direct Mode). As soon as the last track of the folder is completed, iPod will go to All Songs folder.
- If iPod has more than 6 Plylists, see section 5 for the instruction of Playlist.

## **SECTION 5. Playlist Naming**

**5-1** When iPod is connected to your radio via PA15-HON2, the adaptor scan all available Playlists and Folders on iPod and looks for designated HONDA Playlists which are **created with iTunes** for direct access from HONDA / ACURA radio. The designated HONDA Playlists should be named as follow if your iPod has more than 6 Playlists.

Playlist # 1: HONDA1

Playlist # 2: HONDA2

Playlist # 3: HONDA3

Playlist # 4: HONDA4

Playlist # 5: HONDA5

Playlist # 6: HONDA6

The word HONDA must be in capital letters and there can be no spaces between the word HONDA and numbers. You may append text to the designated HONDA Playlist names. Example:

HONDA1-jazz, HONDA3\_Favorite3, HONDA5podcast, etc.

**5-2** If no designated HONDA Playlists are created with iTunes, PODHON3-15V2 adaptor will automatically relates the first 6 available Playlists on iPod to Playlist # 1 to # 6 regardless how the Playlists are named.

**5-3** If less than 6 designated HONDA Playlists are created, PODHON3-15V2 will automatically fill up the rest of Playlist numbers beginning with the first available Playlist on iPod. Example: if only 3 designated HONDA1, HONDA3 and HONDA5 Playlists are created, the Playlist # will be:

Playlist # 1: HONDA1....

Playlist # 2: (the 1<sup>st</sup> available Playlist on iPod)

Playlist # 3: HONDA3...

Playlist # 4: (the 2<sup>nd</sup> available Playlist on iPod)

Playlist # 5: HONDA5....

Playlist # 6: (the 3<sup>rd</sup> available Playlist on iPod)

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iPod, iTunes are the registered trade name of Apple Computer Inc.

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