



Neo ProLink

IPOD TO VOLVO (HU) – PODVOLHUV2

IPOD CONNECTION KIT INSTRUCTION MANUAL

With the Neo ProLink for Honda/Acura you can fully control the iPod at ALL times. This adapter does not disable your iPod screen, buttons or click wheel. There are no special playlists that need to be setup, or specific naming of playlists. Your iPod will operate the same when connected in the car as it does when you listen to it with headphones. You can access up to the first 5 playlists (depending on mode chose and iPod used) and you'll also have track control from the radio buttons and steering wheel (if available) by using the track up, track down, fast forward and reverse buttons to change songs.

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 from your iPod

Advanced Mode – Access up to 5 playlists from the radio buttons.

Charging and Power – iPod is powered and charging while in use, auto stops after 1 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, 4th Generation, Mini, Photo, U2, HP, Nano and Video.

<u>Volvo Models Compatible</u>	<u>Yrs Compatible</u>
S40, V40	2001-2004
S60	2001-2008
S80	1999-2006
XC70	2003-2007
V70	2001-2007

Must have HU series radio.

If you have NAV/GPS you must order a Volvo Harness Converter from Neo Car Audio

The Neo ProLink connects your iPod directly to your stereo by connecting to the external CD changer port on the back of the radio. It will replace the external 6-disc CD changers. 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.

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

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.

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.**

DIP SWITCH NUMBER ONE:

Aux Input Option

The Neo ProLink adapter comes equipped with a second AUX input which is an RCA connector. This second AUX input allows you to connect two devices to this adapter; an iPod and any other audio device that has a headphone or RCA jack. You will need to use an RCA to headphone jack cable (not included). To access AUX source, go to CD 6 Track 1 after selecting CD changer SOURCE on the radio.

	iPod Dip Switch Position	
Selected Mode	1	AUX INPUT ACTIVE
AUX OFF	ON – DWN	NO
AUX ON	OFF – UP	YES

If you would like to use the AUX input (now or in the future), please make sure its set to OFF / UP.

If you are NOT going to use the AUX and you don't foresee yourself using it anytime soon, set it to ON / DOWN

DIP SWITCH NUMBER TWO:

IPOD CONFIGURATION - 2 MODES TO CHOOSE FROM:

Advanced Mode.

Operate and control the iPod like it is a CD Changer. This mode allows you to access up to six playlist on the iPod. The instructions for playlist creation and playback control are later in this manual. Additionally, while in Advanced Mode, the iPod will operate as it does normally. Your iPod screen will NOT be locked out. iPod, iPhone and G3 iPod are NOT applicable in Advance Mode.

Important: After plugging in your iPod you will see an “ok to disconnect”, followed by a series of iPod initialization screens for up to 30 seconds before your iPod menu returns to normal. If your ipod does not go back to normal, you will need to UPDATE the ipod to the newest firmware.

Direct Mode.

If you prefer to use the adapter for next and previous track ONLY, Direct Mode is the best option. Text, playlist, etc, are not supported. Track numbers and times are not synchronized between the iPod and radio. Because there is less data to transfer between the iPod and the radio, the response time is quicker than Advanced Mode. iPod is accessed ONLY from disc 5.

	iPod Dip Switch Position				
Selected Mode	2	PLAYLISTS	RADIO CONTROLS	IPOD CONTROLS	INITIALIZATION
Advanced Mode	ON – DWN	YES	YES	YES	YES
Direct Mode	OFF – UP	NO	YES	YES	NO

PACKAGE CONTENTS

Neo ProLink – White Box, Volvo Cable, iPod Cable

CAUTION: Before any connections are made, Neo Car Audio strongly recommends that all circuits be verified with a voltmeter before interfacing with them. Always set the parking break before working on any vehicle. Note: Volvo radios are code protected. Verify that the code is available before disconnecting the battery.

INSTALLATION STEPS

Step 1: Remove radio from dash. (DO NOT unplug the power harness that is connected to the radio. Some radio models require a SAFETY code to resume radio operation from battery power loss)

Step 2: Disconnect existing CD changer from the radio if there is one

Step 3: Connect the black wire on the Volvo cable to the radio chassis or car body (GROUND)

Step 4: Locate the 12v (CONSTANT POWER) wire on the power harness going into the radio and connect the yellow wire on the Volvo cable to 12v constant. **Note:** you will want to use a line tester to find the 12v line – so you do not damage anything.

Step 5: Plug the 90 degree angled DIN connector of the Volvo cable to the radio

Step 6: Plug the round din plug on the Volvo cable to the Neo ProLink where it is labeled “RADIO”.
(Do **Not** connect your ipod until the install is complete).

Step 7: If you are going to use the AUX input – please make the connections now.

Step 8: Plug the iPod cable to the Neo ProLink adapter box where it is labeled “iPod”

Step 9: Test to make sure everything is working before you reinstall the radio.

Step 10: Reinstall radio to dash

***NOTE* Display of artist & song title on the radio LCD is NOT supported with this interface.**

If the radio is not recognizing the kit or it's not working correctly do NOT change ANY of the dip switches, this will not fix anything. Please call Neo Tech Support at 619-704-0699.

IS YOUR IPOD UP TO DATE? If the radio recognizes the adapter, but the control is NOT correct, your iPod is not up to date. Check Apple for the latest FW version updates. You must update your iPod.

USING THE NEO ADAPTER

As mentioned before, setting up playlists is NOT required. But to take full advantage of our adapter when in Advanced Mode and its quick music browsing system, we recommend you have your music organized in playlists on your iPod before using your iPod Integration Kit. Once again this is not needed, but may help in overall use.

Study Your Radio's Manual !

Please review the owner's manual for your vehicle's entertainment system. This guide does **not** provide details on the various button-specific features. Every radio is different and have buttons assigned to perform specific functions. It is up to you to determine which buttons correspond to the adapter's functions.

Important: Not all radio's have the capabilities to perform every function that adapter can, this will depend on the radio capabilities and/or which level of radio came with your car (base, premium, etc..)

General Operation

- A Connect the iPod to the docking cable
- B Turn on your radio
- C Select the CD Changer source. (CD, CDC, DISC button etc)

When the iPod is connected to the adapter, the iPod screen will go blank for a few seconds before the normal screen returns OR go through initialization depending on which mode you chose. Push the CD button to access the iPod (if you have a CD player/changer, press the button twice). **The CD button is the ONLY button that will access our adapter.**

For a few seconds the iPod may cycle through a set of screens while it initializes in the Advanced Mode. Wait for the iPod screen to return to normal before making any selections or changes to iPod.

If playback does not automatically begin, then select a playlist or song. You can browse music directly on your iPod radio or steering wheel. Both the iPod and radio controls are **ALWAYS** active in both modes.

Song Browsing

Direct Mode: The iPod's audio will be played on **Disc 5, Track 1.**

Advanced Mode: The Neo iPod integration kit gives you the following features while in advanced mode.

IF DIP Setting are set to **AUX OFF** and Advanced Mode:

Disc #	Playlist	Next Track Button "▶"	Prev Track Button "◀"	FFW	Rewind
DISC 1	Playlist #1 in ipod	Next Track	Prev Track	FF Song	RW Song
DISC 2	Playlist #2 in ipod	"	"	"	"
DISC 3	Playlist #3 in ipod	"	"	"	"
DISC 4	Playlist #4 in ipod	"	"	"	"
DISC 5	Playlist #5 in ipod	"	"	"	"
DISC 6	ALL songs in ipod	"	"	"	"

IF DIP Setting are set to **AUX ON** and Advanced Mode:

Disc #	Playlist	Next Track Button "▶"	Prev Track Button "◀"	FFW	Rewind
DISC 1-4 (same)	Playlist in ipod	Next Track	Prev Track	FF Song	RW Song
DISC 5	ALL songs in ipod	"	"	"	"
DISC 6	Aux Source	-	-	-	-

Navigating the iPod:

Changing Songs: To change songs. Press Track Up and song advances.

Changing Playlists: To change a playlist, Press Disc Up until you get to the disc number of your playlist you want. To get to more playlists, you must do it manually.

Accessing All songs: Go to disc number represented above. (depends on how you set the dip switches up).

Changing to the Aux input: To change to your Aux device, press Disc up until you get to DISC 6.

There may be slight delay times when changing tracks depending on the radio software loaded from the factory and how quickly it will communicate with the adapter and the iPod. If the ◀ or ▶ buttons are pressed very quickly and the iPod has not been allowed enough time to change tracks, the track number display on the radio may not load correctly. You will also hear short bits of audio if these buttons are pressed too quickly. Remember that you have full access to your iPod buttons, so if you need to quickly change through track or are searching for a particular artist/song, you can also use the iPod itself.

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.

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

Visit www.neocaraudio.com for more info.