

# USA·SPEC

Model **PA11-FORD2**  
iPod to FORD car stereo interface

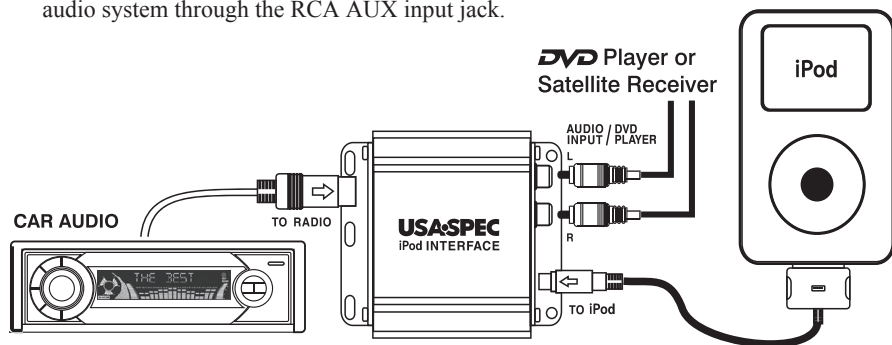
## PLAY, CONTROL & CHARGE

Your iPod through Ford Car Stereo System!

### KEY FEATURES

This interface connects an iPod, iPhone, or iTouch directly to your FORD audio system with the following benefits:

- Connects iPod's (includes iTouch and iPhone) audio output directly to car audio system for optimal playback sound quality.
- Offers two ways to access iPod music, namely Direct Mode and Playlist Mode.
- **Direct Mode:** Search and select songs directly on iPod.
- **Playlist Mode:** Select songs and Playlist on iPod with radio's CD buttons.
- Charges iPod while it is playing and charging stops automatically half hour after iPod is paused.
- Connects an additional audio source such as Satellite radio, DVD player, etc. to the car audio system through the RCA AUX input jack.



### APPLICATIONS

PA11-FORD2 is applicable to the following vehicles:

| MODEL          | YEAR    | MODEL          | YEAR    |
|----------------|---------|----------------|---------|
| Crown Victoria | 96 - 97 | F-Series Truck | 96 - 97 |
| Grand Marquis  | 96 - 97 | Mountainer     | 96 - 97 |
| Expedition     | 96 - 98 | Ranger PU      | 96 - 97 |
| Explorer       | 96 - 97 | Winstar        | 96 - 98 |

Note : \*\* PA11-FORD2 is NOT compatible with factory DVD or Navigation System.

\*\* Radios must have a CD button.

\*\* Vehicles with JBL or LUX audio system requires the PA11-FORD1 package.

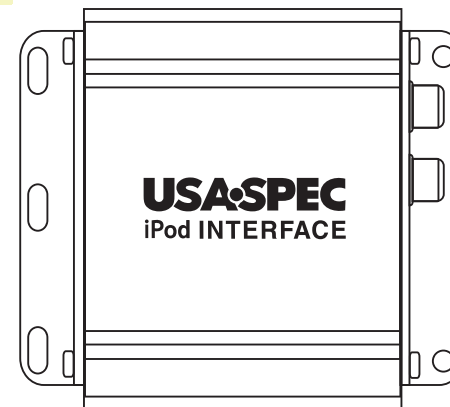
Above application chart is for general reference only. For detailed information please check our website or call 626-336 3836.

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## OWNER'S MANUAL

TECH. SUPPORT  
(626) 336-3836  
9 AM ~ 4 PM PST  
MON ~ FRI

[techsupport@usaspec.com](mailto:techsupport@usaspec.com)

Thank you for purchasing **USA·SPEC** product. This manual describes the functions and operation of PA11-FORD iPod interface for Ford radios. Please read this manual before installing the product in your vehicle.

### !!!!IMPORTANT!!!!

- ❖ It is strongly recommended that the adaptor is installed in an easily accessible location. You may need to access it for future upgrades, resets, dip switch settings, etc.
- ❖ **Eject ALL CDs from the built-in CD player or CD changer before installation or before disconnecting the power to the radio!!!**
- ❖ **USA·SPEC** distributes products through authorized dealers so customers will receive proper services from the dealers. **USA·SPEC** reserves the right to offer technical support or warranty services only on products purchased through authorized **USA·SPEC** dealers.
- ❖ **SAFETY NOTE:** You should always give full attention to driving. Do not operate the features or functions of PA11-FORD in such a way that may distract you while driving.

### !!!!CAUTION!!!!

- In general, iPod has not been designed to withstand temperature extremes in automobiles. Please consult your iPod Owner's Manual regarding acceptable operation and storage temperatures.
- Do not disassemble or alter the cable and interface box.
- Make the connections correctly.
- Do not cut away the wire sheath or use the power line for other equipment.
- Do not install in locations which might hinder vehicle operation or create hazards for vehicle occupants.
- Have the wiring and installation done by professionals.
- Arrange wiring so it is not crimped or pinched.
- Do not use this product for purposes other than stated for the vehicle.

## **SECTION 1. ABOUT YOUR INTERFACE PA11-FORD**

This interface connects an iPod, iPhone, and iTouch directly to your Ford audio system. Its on-board software translates commands from your Ford CD changer controls into commands that the iPod understands. This interface enables the iPod to take the place of a Ford CD changer and provides the following benefits:

- Directs the iPod's audio output to Ford audio system for optimal playback sound quality.
- Controls the iPod via vehicle's radio and steering wheel controls.
- Charges iPod while it is playing and charging stops automatically half hour after iPod is paused.

Future iPod and iTunes firmware updates may affect the features and functions described in this owner's manual and on [www.usaspec.com](http://www.usaspec.com) website.

Display of artist and song title information, track search by artist, song title, album or genre are NOT supported. Only the Playlist number and track number will be displayed on the radio.

This interface is designed as an alternative replacement to the FORD CD changer in your FORD vehicle. Therefore it is not possible to have the FORD CD changer and the PA11-FORD iPod interface simultaneously connected to your FORD radio.

## Package Contents

PA11-FORD2 contains one PA11-FORD interface adopter and one each of the following cables: CAS-F16, CAS-F12, and CB-PA85.

## Applications

| MODEL          | YEAR    |  | MODEL          | YEAR    |
|----------------|---------|--|----------------|---------|
| Crown Victoria | 96 - 97 |  | F-Series Truck | 96 - 97 |
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**Note : \*\* PA11-FORD2 is NOT compatible with factory DVD or Navigation System.**

**\*\* Radios must have a CD button.**

**\*\* Vehicles with JBL or LUX audio system requires the PA11-FORD1 package.**

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

## **SECTION 2. DIRECT MODE, PLAYLIST MODE, and AUX OPTION**

PA11-FORD provides two ways to control your iPod through the car radio, namely Playlist Mode and Direct Mode.

**2-1 Direct Mode** : Search and select music on iPod directly just as you would in portable use. The music will play back through your car stereo. Use the track up/down, fast forward/ reverse buttons on your radio to control music playback. iPod's screen and keypad are unlocked and functional. Please see Section 4 of this manual for additional information.

*Application Tip*

*Direct Mode allows the playing of streaming music such as Pandora.com and Sirius XM Online from your iPhone or iTouch to car stereo.*

**2-2 Playlist Mode** : Operate and control the iPod like it is a CD changer. This mode allows you to access four playlists on iPod from the radio. iPod screen always display "OK to disconnect" or "Attached to accessory" and iPod's keypad is locked and not functional. If your iPod has more than four Playlists, see Section 5: Playlist Naming.

**2-3 AUX INPUT Option**

In addition to the iPod, PA11-FORD can connect a second audio source to the car radio. The additional audio source connects to the RCA input jack on the interface labeled as AUX INPUT. If you choose to use AUX INPUT, the DIP switch #1 on the side of the adaptor box must be set to "OFF" position (factory default is set to "ON" position).

The audio source at AUX INPUT can be accessed at CD 6 Track 1.

**DIP Switch #1 Setting:**

|  |
|--|
| DIP #1 = OFF: RCA AUX Input is Enabled |
| DIP #1 = ON: RCA AUX Input is Disabled |

## 2-4 DIP Switch Setting Summary

| <b>DIP Switch #1 = ON</b><br>(AUX Input Disabled);<br><b>DIP Switch #2 = ON</b> |                    |
|---|--------------------|
| <i>At...</i>  | <i>Radio Plays</i> |
| DISC 1  | Playlist #1        |
| DISC 2  | Playlist #2        |
| DISC 3  | Playlist #3        |
| DISC 4  | Playlist #4        |
| DISC 5  | All Songs          |
| DISC 6  | Direct Mode        |

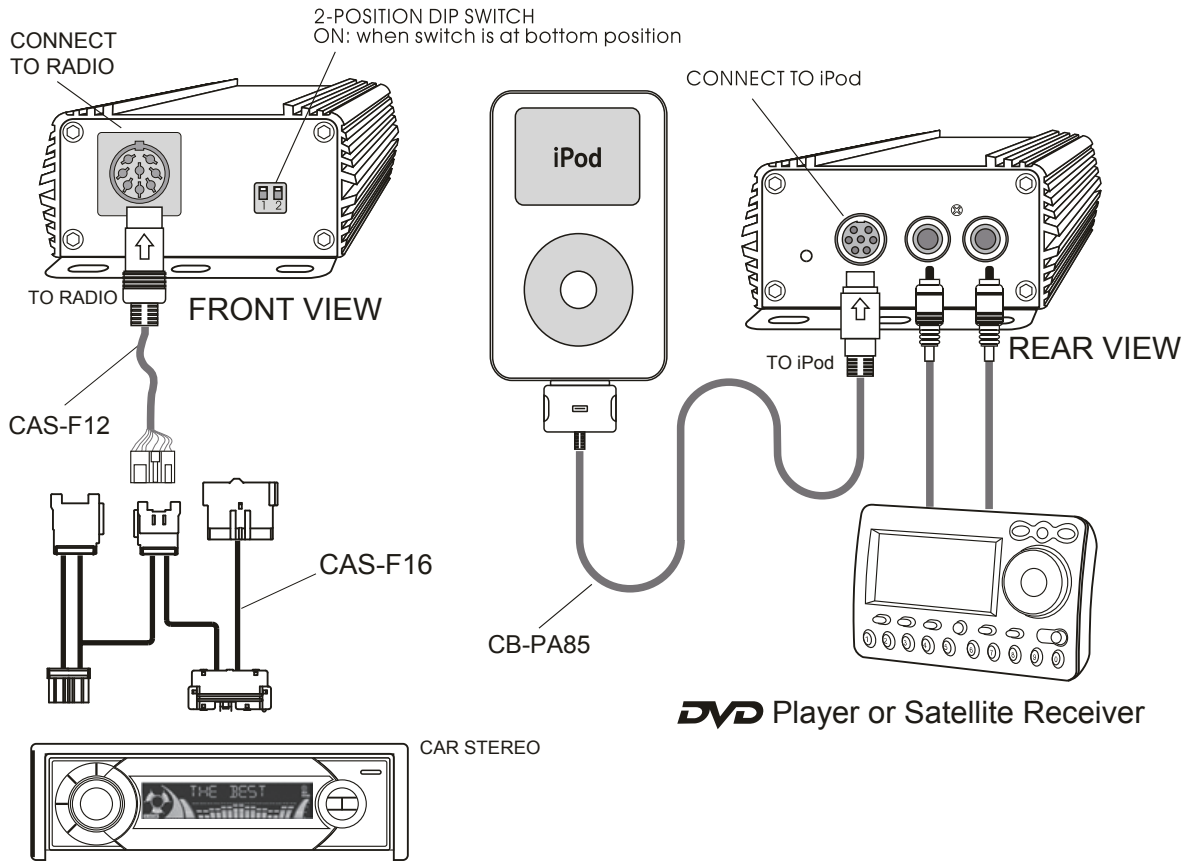
| <b>DIP Switch #1 = OFF</b><br>(AUX Input Enabled);<br><b>DIP Switch #2 = ON</b> |                    |
|---|--------------------|
| <i>At...</i>  | <i>Radio Plays</i> |
| DISC 1  | Playlist #1        |
| DISC 2  | Playlist #2        |
| DISC 3  | Playlist #3        |
| DISC 4  | All Songs          |
| DISC 5  | Direct Mode        |
| DISC 6  | RCA AUX            |

## WIRE CONNECTION

- Step 1. Set DIP switches according to instructions in Section 2-4.
- Step 2. Must remove or eject all CDs from radio.
- Step 3. Remove radio from the dash.
- Step 4. Disconnect existing CD changer from the radio if there is one.
- Step 5. Plug the round din plug of the CAS-F12 to the PA11-FORD interface adaptor where it is labeled "RADIO".
- Step 6. Connect the square end of the CAS-F12 to CAS-F16 cable.
- Step 7. Plug either the CAS-F16 cable to the back of the radio.
- Step 8. Connect the audio output of your auxiliary devices to AUX input jack on PA11-FORD adaptor box if the additional AUX option is selected by setting the DIP switch #1 to "OFF" position.
- Step 9. Plug the CB-PA85 cable to PA11-FORD adaptor where it is labeled "iPod".
- Step 10. Perform a test run before reinstalling the radio back to the dash.

**WARNING!!**

Use only the iPod connection cable which comes with the PA11-FORD1 package. iPod Connection cable from other sources may look similar, but they can damage your iPod.



## SECTION 4. CONNECTING & PLAYING iPod

### 4-1 When DIP Switch #1 is ON (RCA Disabled)

- When iPod is connected to PA11-FORD and the CD button on the radio is pressed, iPod will automatically begin playing at DISC #5. iPod screen will show “OK to Disconnect” or “Accessory Connected”. iPod will continue to play the tracks in *the* folder which was played before the iPod was connected to the interface adaptor. When the last track of *the* Folder is played, iPod will go to the first track of the All Songs folder.
- Use the DISC+ and DISC- buttons on the radio to change DISC or Playlist.
- When returning to DISC #5 from a Playlist (i.e. any DISC among DISC #1 to DISC #4), DISC #5 will continue to play the track where it left off but will point to All Songs folder regardless of which Folder or Playlist was played at DISC #5 previously.

- **When DIRECT control from the iPod is desired, select DISC #6 from the radio. iPod's screen and keypad will be unlocked and you will be able to switch Folders and Playlists as you would in portable use.**
- When returning to DISC #5 (All Songs) from DISC #6 (iPod Direct), Disc #5 will continue the track and the folder that was being played at Disc #6. When the last track of that folder is played, iPod will go to All Songs folder.
- If your iPod has more than 4 Playlist, see **Section 5: Playlist Naming**.

#### **4-2 When DIP Switch #1 is OFF (RCA Enabled)**

- When iPod is connected to PA11-FORD and the CD button on the radio is pressed, iPod will automatically begin playing at DISC #4. iPod screen will show “OK to Disconnect” or “Accessory Connected”. iPod will continue to play the tracks in *the* folder which was played before the iPod was connected to the interface adaptor. When the last track of *the* Folder is played, iPod will go to the first track of the All Songs folder.
- Use the DISC+ and DISC- buttons on the radio to change DISC or Playlist.
- When returning to DISC #4 from a Playlist (i.e. any DISC among DISC #1 to DISC #3), DISC #4 will continue to play the track where it left off but will point to All Songs folder regardless of which Folder or Playlist was played at DISC #4 previously.
- **When DIRECT control from the iPod is desired, select DISC #5 from the radio. iPod's screen and keypad will be unlocked and you will be able to switch Folders and Playlists as you would in portable use.**
- When returning to DISC #4 (All Songs) from DISC #5 (iPod Direct), Disc #4 will continue the track and the folder that was being played at Disc #6. When the last track of that folder is played, iPod will go to All Songs folder.
- If your iPod has more than 3 Playlist, see **Section 5: Playlist Naming**.
- DISC #6 is for the additional audio source connected to the RCA Input jack.

## SECTION 5. PLAYLIST NAMING

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- 5-1** When iPod is connected to the PA11-FORD, the adapter scans all available Playlist on your iPod and will automatically assign the first 4 Playlists in alphabetical order to radio's DISC #1 to #4. If you want the radio to access Playlists which are not the first 4 Playlists (by alphabetical order), you need to name your 4 favorite Playlists on iTunes as follow:

Playlist #1 (DISC 1): FORD1  
Playlist #2 (DISC 2): FORD2  
Playlist #3 (DISC 3): FORD3  
Playlist #4 (DISC 4): FORD4

The word FORD must be in capital letters and there can not be any spaces between the word FORD and the numbers.

You may append any text to the designated FORD Playlist names. For example: FORD1-jazz, FORD2\_pop, FORD3 podcast, etc.

- 5-2** If less than 4 designated FORD Playlists are created, PA11-FORD1 will automatically fill up the rest of the Playlist numbers with the first available Playlists on iPod (in alphabetical order). For example: if only 2 designated FORD1 and FORD3 Playlists are created, the Playlist # assignment will be:

Playlist #1 (DISC 1): FORD1.....  
Playlist #2 (DISC 2): (1<sup>st</sup> available Playlist on iPod )  
Playlist #3 (DISC 3): FORD3.....  
Playlist #4 (DISC 4): (2<sup>nd</sup> available Playlist on iPod )

The iPod interface does not recognize Apple generated default Playlists such as "On-The-Go" or "90's". It also does not recognize Playlists that do not contain any audio tracks regardless of how they are named.

## **SECTION 6. Playback Function Controls**

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### **Track Up/Down**

Press the track up button to advance to the next track in the Playlist. Press the track down button to go to the beginning of the track that's being played. Press the track down button twice consecutively to go to the previous track.

**If your FORD radio currently displays a maximum of two digits for track number, track number 100 will be displayed as 01, Track 101 as 02, track 102 as 03...**

### **Changing source to AM/FM, CD, Cassette**

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

Note: iPod, iPhone, iTouch, and iTune are registered trademarks of Apple Inc.  
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