QUICK NOTES

The PA15-FORD2 for select 2005-10 Fords with factory Satellite Radio.

- If your car **does NOT have the Sirius satellite** radio receiver, PA15-FORD1 must be used!!!

- Non-navigation radios must have <u>AUX</u> button for PA15-FORD2 interface to work properly.

- The cable in this package connects to the Sirius receiver. Removing the radio from the dash is NOT required because the PA15-FORD1 connect to the factory Sirius Tuner. Please see Section 4 of this manual for location of Sirius receiver in your vehicle.

For technical or warranty services, please email usa_spec@msn.com or call (626) 336-3836 (Pacific time 9am to 5pm).
info@usaspec.com does not respond to technical support and warranty service requests.

Design of this product is subject to change without notice.

Courtesy of: DiscountCarStereo.com

Thank you for purchasing USA SPEC product. This manual describes the functions and operation of PA15-FORD2 iPod interface to FORD car radios. Please read this manual before installing the interface adaptor in your vehicle.

!!!!! 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.
❖ USA SPEC distributes products through authorized dealers so customers will receive proper services and advices from the dealers. USA SPEC reserve the right to offer technical or warranty service only on products purchased through authorized USA SPEC dealers.
❖ SAFETY NOTE: You should always give full attention to driving. Do NOT operate the feature or function of PA15-FORD2 in such a way that might distract you from driving.

SECTION 1. ABOUT PA15-FORD2 INTERFACE

1-1 Introduction
a) This interface connects an iPod or iPhone directly to your FORD audio system for optimal playback sound quality.
b) This interface enables iPod to co-exist with FORD navigation system, CD changer, SIRIUS radio receiver and DVD system, and controls iPod via both the car radio and the steering wheel control.
c) PA15-FORD1's on board software translates commands from radio's Sirius control into commands that the iPod understands.
d) This interface charges iPod while it is playing and charging stops automatically half an hour after iPod is paused.

1-2 Text Display of Song Information
Display of song title, artist name and album name on radio is supported.

1-3 Package Content
PA15-FORD2 contains one PA15-FORD2 interface adaptor and one each of the following cables:
CDL-FORDx x1
CB-PA105 x1

1-4 Compatibility
Future iPod and iTune software updates may affect the features and functions described in this owner's manual and USA SPEC website.

SECTION 4. CABLE CONNECTION

Step 1- Set DIP switches according to the information in Section 3-1.
Step 2- Must remove or eject all CDs from the radio.
Step 3- Reference the table below for the location of Sirius receiver in the car.
Step 4- Unplug factory 12-pin connector from the Siriuis receiver and plug it into the 12-pin female connector on the USA SPEC CDL-FORDx cable.
Step 5- Plug the 12-pin male connector on the USA SPEC cable to the Sirius receiver.
Step 6- Connect your audio source to the RCA jacks on adaptor if AUX option is selected by setting DIP switch #1 = ON.
Step 7- Plug CB-PA105 cable to adaptor where it is labeled iPod.
Step 8- Perform a test run.

Warning: Use the iPod connection cable which comes with PA15-FORD2 package. iPod connection cables from other sources may look similar, but they may damage your iPod.

Model	Sirius Receiver Location
Edge	Rear of spare tire
Expedition/Navigator	Under center console
Explorer Sport Trac	Right side Kick Panel
Explorer/Mountaineer	Right side Kick Panel
F-150/Mark LT	Under the radio
F-250/350	
Five Hundred /Montego	Left rear fender in trunk
Focus	
Freestyle/Taurus X	
Fusion/Milan/Zephyr	Right side of back seat
Fusion/Milan	Right side of back seat
MKx	Rear of spare tire
MKz	Right side of back seat
Mustang	Right rear fender in trunk
Ranger	Behind glove-box
(New) Taurus/Sable	Left rear fender in trunk

3-2-2 Functions and Navigation Radio Buttons
- Press the SR touch key on the radio display screen (SR key will show up after PA15-FORD is connected to radio).
- Press SR123 key on radio to access iPod at SR1.
- Use radio Preset buttons to access iPod Folders, Direct Mode and RCA AUX as follow:

Push….	Radio Plays	Remark
Preset # 1	Playlist Folders	
Preset # 2	Artist Folders	
Preset # 3	Album Folders	
Preset # 4	All Songs Folder	
Preset # 5	iPod Direct	
Preset # 6	RCA AUX	IF DIP #1= ON

- Press TEXT key to toggle the song's text information.
- Press CHANNEL GUIDE key to list and select the songs in a folder. Five songs are listed per page and use the ▲▼ keys to see previous or next pages.
- Press GENRE key to list and select the sub-folders. For example: list the Artist folders while in the Artist (preset # 2); list the Album folders while in Album (preset # 3).
- Press SEEK button can also select sub-folder: For example: change to next or previous Playlist while in the Playlist folder; change to next or previous Artist while in the Artist folder.
- When in Songs Folder, press SEEK to change track by alphabetic order (this is only applicable to iPhone and iTouch).
- Push the TUNING button to change track. Note: Due to radio's limit on maximum SIRIUS channel number is 255, the far left hand digit of track number display is therefore reset to 0 (zero) at every integer multiple of 256. For example, 256th track on iPod is displayed as 056 and 456th track on iPod is alos displayed as 056.

3-3 iPod Connecting and Playing
- o When iPod is connected to the interface adaptor and SR1 on radio is pushed, iPod will play Songs folder (preset #4).
- o Preset #4 will continue playing the track in the Folder which was played prior to iPod being connected to PA15-FORD1. When the last track of the playing Folder is completed, iPod will go to the first track of Songs folder.
- o When returning to Songs Folder (preset #4) from DirectMode(preset#5), Preset #4 will continue the same iPod folder being played at Direct Mode. When the last track of this folder is played, iPod will then go to the first track of Songs folder.

1-5 Vehicle Applications

Model	Year	Radio type	Note
Edge	07 - 08	All	
	09 - 10	CDP or CD6	
	2009	Nav	*Not Applicable*
Escape	05 - 09	All	*Not Applicable*
Expedition	07 - 09	All	
Explorer Sport	06 - 09	All	
Explorer	06 - 09	All	
F-150	05 - 08	All	
F-250/350	07 - 08	All	
	2009	CDP or CD6	
	2009	Nav	*Not Applicable*
Five Hundred	2005	CD6 only	
	06 - 07	All	
Focus	05 - 07	All	
Freestyle	06 - 08	All	
Fusion	06 - 08	All	
	2009	CDP or CD6	
Mark LT	05 - 08	All	
Mariner	05 - 09	All	*Not Applicable*
Milan	06 - 08	All	
	2009	CDP or CD6	
MKz	07 - 08	All	
	2009	CDP or CD6	
Montego	2005	CD6 only	
	06 - 07	All	
Mountaineer	06 - 09	All	
Mustang	06 - 09	All	
Navigator	07 - 09	All	
Ranger	2009	All	
Sable	2008	All	
Taurus	2008	All	
Taurus X	06 - 08	All	
Zephyr	06 - 08	All	

SECTION 2. **Direct Mode, Folder Mode, and AUX Option**

PA15-FORD2 provides two ways to control your iPod, namely, Folder Mode and Direct Mode.

2-1 Direct Mode

Search and select music on iPod just as you would in portable use. Also use the track up/down, fast forward/reverse on the radio and the steering wheel to control.
- Preset button # 5 is dedicated to Direct Mode.
- In direct Mode, screen and click wheel keypad on iPod is unlocked and fully functional.
- No text display on radio while in Direct Mode.

- Application Tip
  Direct Mode allows for the playing of music stream such as Pandora.com and SIRIUS XM Online from iPhone and iTouch through the car stereo.

2-2 Folder Mode

Access 3 Folders, namely Playlist, Artist and Album on iPod from the radio and allows text based song search by the title of Artist, Album and Playlist. See section 3-1 for more information. The iPod folders are associated to radio's SR (SIRIUS) presets as follow:
- Preset # 1 accesses Playlist Folder.
- Preset # 2 accesses Artist Folder.
- Preset # 3 accesses Album Folder.

CAUTION: Do NOT operate text based song search feature if it will distract and prevent you from giving your full attention to driving or to the road. Safe driving is your responsibility.

2-3 AUX Input Option
- In addition to iPod, PA15-FORD2 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 bysettingtheDIPswitch#1 on the side of the interface adaptor to ON position.
- Access this AUX at SR preset # 6.

SECTION 3. **Setting and Function Control**

3-1 Set DIP switches as follow:

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

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

3-2-1 Functions and Non-navigation Radio Buttons
- Press AUX button on radio to access iPod at SR1 or SR2 or SR3.
- Use radio Preset buttons to access iPod Folders, Direct Mode and RCA AUX as follow:

Push….	Radio Plays	Remark
Preset # 1	Playlist Folders	
Preset # 2	Artist Folders	
Preset # 3	Album Folders	
Preset # 4	All Songs Folder	
Preset # 5	iPod Direct	
Preset # 6	RCA AUX	IF DIP #1= ON

- To view music's text information on the radio, push the TEXT button and the sequence of text display on radio is as follow:

TEXT Button	Text from iPod	Note
1st Push →	folder type	-1
2nd Push →	artist name	
3rd Push →	album name	
4th Push →	RANDOM ON or OFF	

Note (1) Folder type abbreviation:

[PL] = Playlist; [AL] = Album; [AR]=Artist

[All] = Songs; [Dir] = iPod Direct; [AUX] =AUX

- Push the TUNING button to change track. Note: Due to radio's limit on maximum SIRIUS channel number is 255, the far left hand digit of track number display is therefore reset to 0 (zero) at every integer multiple of 256. For example, 256 track on iPod is displayed as 056 and 456th track on iPod is also displayed as 056.
- Press SEEK button to select sub-folder (example: change to next or previous Playlist while in the Playlist folder; change to next or previous Artist while in the Artist folder).
- When in Songs Folder, press SEEK to change track by alphabetical order (this is only applicable to iPhone and iTouch).
- Press-and-hold (about 4 seconds) the preset #5 button to begin RANDOM track play and press-and-hold the preset #5 button to terminate RANDOM play.
- Press and hold (about 4 seconds) the preset #1 or the preset #2 buttons to fast rewind or fast forward the playing track for approximate 40 seconds respectively.
- Track up or down from steering wheel control is supported.