

USASPEC PA10-FORD FORD iPod™ INTERFACE OWNER'S MANUAL

KEY FEATURES

The PA10-FORD interface connects the iPod or iPod mini directly to your FORD audio system with the following benefits:

1. Direct connection of the iPod to FORD vehicle audio system for optimum sound quality
2. Control iPod playback with CD Changer buttons on car radio
3. Direct access and control of up to 5 favorite playlist
4. Charge the iPod internal battery — includes auto-shut down features to prevent car battery-drain
5. Auxiliary audio input (connect additional audio devices and listed to them on the factory system)
6. Plug-n-play: includes installation cable, mounting screws and owner's manual.

ADDITIONAL "AUX INPUT OPTION" SELECTION

PA10-FORD interface adapter is capable of connecting an auxiliary source to your FORD radio, including the iPod. The additional audio source connects to the RCA input jack marked as "AUX AUDIO INPUT". If you choose to use the "AUX AUDIO INPUT", the DIP switch #1 and #2 at the side of the adapter box must be set to the "OFF" position (it is preset to "ON" at factory).

The audio source connected to the "AUX AUDIO INPUT" can be accessed by selecting CD 6; "CD 6" Track 1 is displayed on radio. CD 1 to 5 is for accessing playlist and CD 6 is for accessing all songs on the iPod.

1. OPERATION

- A. If the "AUX AUDIO INPUT" option is NOT selected, please proceed to the next section "Connecting & disconnecting the iPod".
- B. If the "AUX AUDIO INPUT" option is selected, radio will display "CD 6 Track 1" when CD 6 button is pressed. "CD 6 Track 1" gives access to the audio source connected to "AUX AUDIO INPUT" port. Adjust VOLUME, BASS, and TREBLE etc. as you would normally do for the other program sources on the radio.

Note: The following iPod functions/features are not supported by this interface device:

- >> Display of artist and song title information.
- >> Track search by artist, song title, album or genre.

2. CONNECTING & DISCONNECTING THE iPod

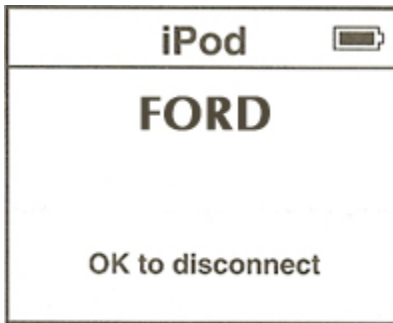
The procedures for connecting and disconnecting the iPod to your PA10-FORD interface adapter are described in this section. Please follow these instructions to avoid connectivity problems or synchronizations errors between the iPod and FORD radio.

WARNING!!

Use only the iPod connection cable (part no. CB-PA14) included with the PA10-FORD interface. iPod connection cables from other sources may look similar, but using them may damage your iPod.

2-a Connecting the iPod to the interface

Turn your **FORD** radio **ON** before connecting your **iPod**. After connection, the iPod will take a few minutes to change to external control mode. The iPod screen will then show:



You are now able to select iPod mode.

2-b Selecting iPod mode

Press the "TUNE" button repeatedly until "CD 6-x" appears on the display (x is the track number for the "Now Playing" song on iPod). This display confirms that iPod mode has been completely synchronized and active. Synchronization timing varies according to the number of playlist on your iPod. If the iPod was playing previous to turning the Radio's ACC power OFF, and the iPod was not disconnected, playback resumes from where it stopped.

3-c. disconnecting the iPod from the interface

If the iPod was disconnected during playback in iPod mode, the radio will automatically switch to AM/FM mode. After disconnecting, wait until the iPod screen changes from the external control mode screen back to the normal menu before attempting to reconnect to the interface.

Tip: If you press and hold the PLAY/PAUSE button on the iPod, you may get the normal iPod menu back faster.

3. PLAYBACK FUNCTIONS

3-a. Playing content on the iPod

All audio tracks on your iPod will be played (All Play) at CD 6 if the AUX option is not selected. Track order is determined by the default order on your iPod. Selecting CD 1 to CD 5 on radio will allow playback of 5 playlist on the iPod. Please refer to "Playlist naming" in this manual for more information regarding available and unavailable playlist. Every time the iPod is connected to the interface, playback begins at the "Now Playing" song at CD 6 by default.

If the iPod was playing any of its playlist right before connection, the same playlist will continue to play and repeated at CD 6 and the iPod switches to "ALL" when the **FF** button is pressed.

3-b Selecting a Playlist

Press **TUNE ►** or **TUNE ◀** button to select a playlist. The selected playlist will begin playing and the playlist number and track number will be displayed. In rare cases, this may take up to a few seconds to complete synchronization. After playing the last song in the current playlist, playback will start again from the first track on this playlist.

3-c Playlist Naming

Once the iPod™ or iPod™ mini is connected to your FORD radio via the interface, the iPod interface scans all available playlist on the iPod. The FORD radio will allow a maximum of 5 DISCS/playlist (i.e. CD 1 - 6). Therefore, you will need to name your playlist(s) using the letters "FORD" and the number corresponding to that DISC. The following is an example of correct playlist(s) naming:

Preset #'s	Playlist(s) names
DISC1	"FORD1"
DISC2	"FORD2"
DISC3	"FORD3"
DISC4	"FORD4"
DISC5	"FORD5"
DISC6	ALL SONGS on iPod

Naming a playlist in iTunes™ for your FORD iPod interface must be exactly as shown. "FORD" must be in **capital letters** and there can be **no spaces** between "FORD" text and the "DISC" number. However, you may add any text after the correct name and number has been assigned. The following is an example of correct playlist naming with additional text:

DISC1	"FORD1_Love"
DISC2	"FORD2_Discount"
DISC3	"FORD3_Car"
DISC4	"FORD4_Stereo"
DISC5	"FORD5_Support"

An unavailable playlist will occur if no playlist name matches the playlist number. (For example, if no playlist has the name "FORD5..." then CD 5 will not be available.)

The iPod interface does not recognize a playlist that contains no audio tracks regardless of playlist naming. The iPod interface also does not recognize the "On-The-Go" playlist on your iPod.

4. PLAYBACK CONTROLS

you can control playback with several functions. These functions are generally cancelled when you press select radio buttons; disconnect the iPod, or POWER OFF the radio or ACC.

Note: Once the PA10-FORD is connected you will NOT be able to control your iPod using the iPod buttons.

Scan

Press the **SCAN** button, each track in the current playlist will play for 10 seconds. If "SCAN" is pressed at DISC 6, all songs on the iPod will be scanned.

Random (Shuffle)

Press the "RANDOM" button (**SHUFF**) on the radio, songs within a playlist will playback in random order. The track number display will change to start from 1 as it does on the iPod. The radio will continue to play this way until "SHUFF" is deactivated.

Repeat

Repeat of song being played is **NOT** supported.

Track Up and Down

Press the **Seek** ► button to advance to the next track in the playlist. Press the **Seek** ◀ button to move to the beginning of the track being played. Press the **Seek** ◀ button twice to return to the previous track. If the **Seek** ► and /or **Seek** ◀ buttons are pressed quickly in repetition, the track numbers display may change unevenly. You may also hear short bits of audio during repeat presses of track up and track down buttons. **There is no limit to the number of songs on a playlist, but the majority of FORD radios currently displays a maximum of two digits for track number, so after track 99 the display will restart at 1 for example- Track number 100 displays as 1 track 101 displays as 2, track 102 as 3 ...**

Fast Track Search (x10)

Press and /or hold the **FF** or **REW**, the track in the playlist advances or decreases in increment of 10 (i.e. 04, 14, 24...). When you reach the end of the playlist, the search will stop at track 1, and then continue by increments of 10 (i.e. 19, 29, 1, 11).

Press and hold the **FF** or **REW** button for more than 4 seconds; the search will jump to the last track or the first track of the playlist. If you are in scan mode, the mode will be cancelled.

Fast Forward/Fast Reverse Play

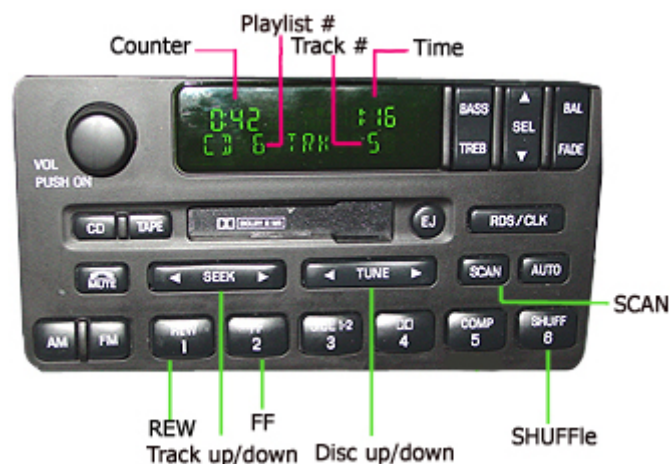
This function applies only in **random mode**. Engaging or disengaging the random mode does not stop playback of the current song, you must go in or out of random mode to do the fast track search (x10) function, or the fast forward/fast backward play function.

Pressing and holding the **FF** or **REW** button causes the current track to skip through at high speed. During fast forward, when the end of the current track is reached, the iPod will start playing the next random track at normal speed. During fast backward, when the start of the current track is reached, the track will start playing again at normal speed. To continue fast forward or fast reverse play, release the button and press it again.

CHANGING SOURCE TO AM/FM/CD/CASSETTE

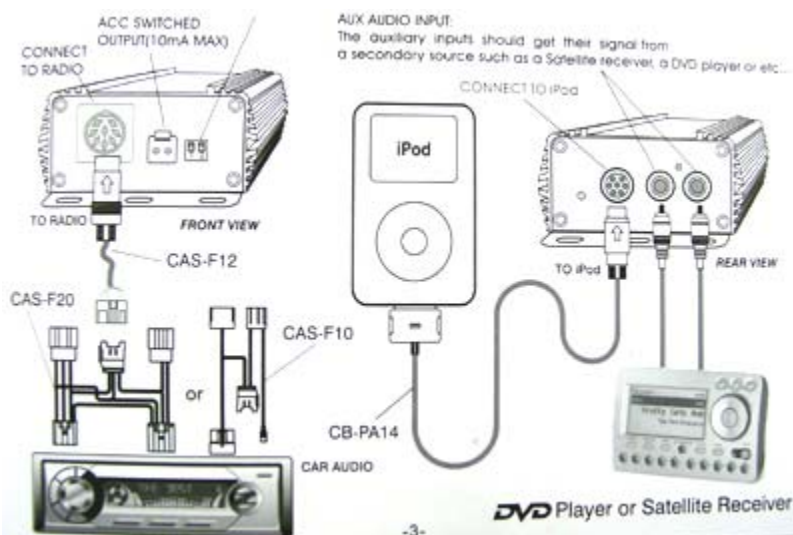
when a source other than the iPod (i.e. Radio, Cassette etc) is selected on the radio, the iPod will pause.

The following is a typical FORD Radio and illustrates the position and functions of frequently used ipod interface control buttons.



5. INSTALLATION & DIAGRAM

1. Remove the radio (a Ford radio removal tool (not included) may be required).
2. Disconnect existing CD Changer from the radio if there is one
3. Plug the CAS-F12 din plug to the PA10-FORD interface box labeled "RADIO"
4. Connect the other end of the CAS-F12 to CAS-F10 or CAS-F20
5. Plug the CAS-F10 or CAS-F20 cable into the radio (use the cable which matches the plug type on the radio)
6. Connect the audio output of the auxiliary device to AUX input jack on PA10-FORD (optional)
7. Plug CB-PA14 cable to PA10-FORD adapter box labeled "iPod"
8. Reinstall the radio.



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