



**APPLICATION AND INSTALLATION INSTRUCTIONS
FOR PIE PART # FRD04-AUX**

The FRD04-AUX converts the Rear Seat Entertainment port of specified OEM Ford / Lincoln / Mercury "CAN-BUS" radios to RCA level audio input. The FRD04-AUX features built-in audio adjustment circuitry with a 0 to +20 dB input sensitivity range of 0.475 to 4.75 volts (peak to peak) allowing the installer to match the audio level of the AUX device to the audio level of the AM, FM, or CD modes of the factory radio.

VEHICLE APPLICATIONS:

Ford		Lincoln		Mercury	
Edge	2007-2010	Mark LT	2006-2008	Milan	2006-2009
Expedition	2007-2009	MK X	2007-2009	Mountaineer	2006-2009
Explorer	2006-2009	Navigator	2007-2009		
F-150	2004-2008	Zephyr	2006-2008		
F-250	2005-2009				
F-350	2005-2009				
F-550	2005-2009				
Focus	2005-2007				
Freestyle	2005-2007				
Fusion	2006-2009				
Mustang	2005-2009				
Sport Trac	2007-2009				

Not compatible if vehicle is equipped with OEM Rear Seat Entertainment (RSE) system, navigation, or factory satellite radio or Ford Sync system.

INSTALLATION:

CAUTION: BEFORE ANY CONNECTIONS ARE MADE, PIE STRONGLY RECOMMENDS THAT ALL CIRCUITS BE VERIFIED WITH A VOLTMETER BEFORE INTERFACING WITH THEM. ALWAYS SET THE PARKING BRAKE BEFORE WORKING ON ANY VEHICLE.

DO NOT force connectors together as pin damage may occur. This installation will be flawless if you take your time making the connections described below. Following the installation sequence below is critical to ensure proper recognition of the auxiliary device by the factory radio.

1. Disconnect the negative battery terminal.
2. Remove the Ford radio to gain access to the connectors on back of radio.
3. Remove any connector that may be in the 16-pin DATA port.
4. Plug the 16-pin connector of the FRD04-AUX into the 16-pin DATA port of the Ford radio.
5. Reconnect the factory 16-pin DATA cable (if present) into the mating socket on the FRD04-AUX.

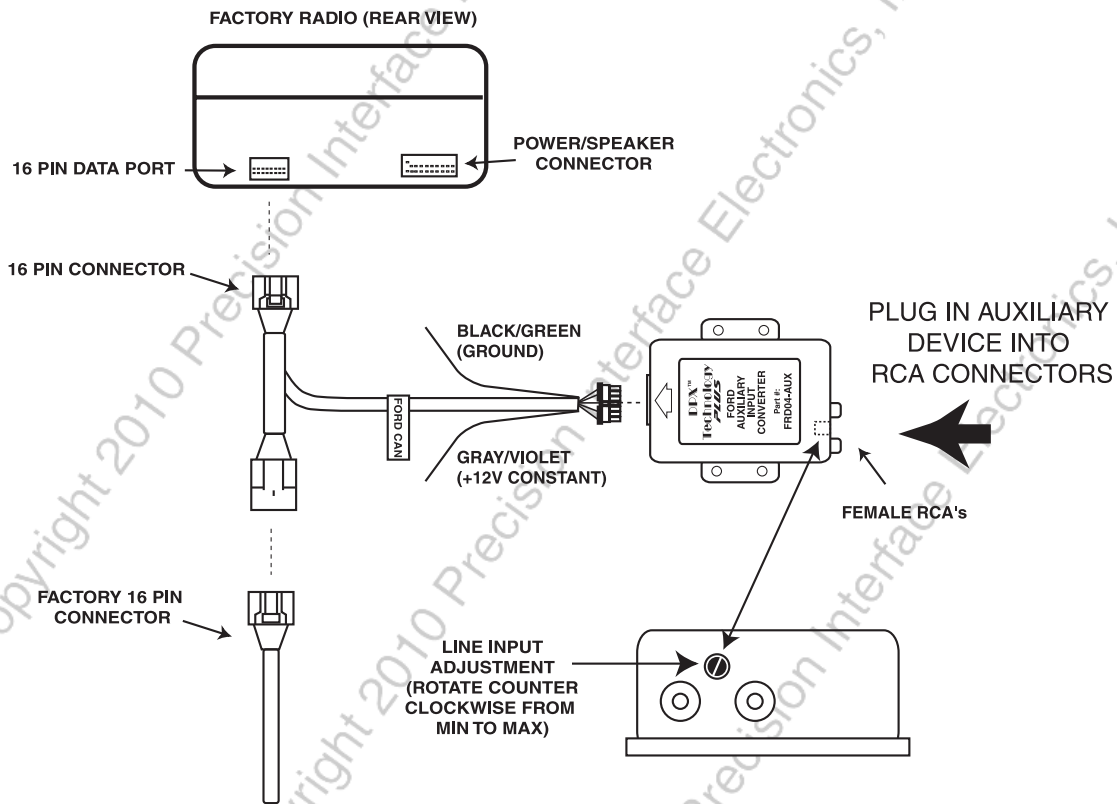
NOTE: Factory Rear Seat Entertainment (RSE) system, if present, will need to be disconnected from the factory harness.

6. Connect BLACK/GREEN wire of the FRD04-AUX to ground (vehicle chassis).
7. Connect GRAY/VIOLET wire of the FRD04-AUX to a constant +12-volt source.
8. Connect appropriate length patch cord (not included) between FRD04-AUX and auxiliary device.
9. Rotate the "Input Sensitivity" adjustment pot of the FRD04-AUX to its fully clockwise position (minimum level).
10. Re-install factory radio.
11. Reconnect the negative battery terminal.

VERIFY OPERATION

1. With radio on, activate auxiliary device.
2. Set volume on auxiliary device to preferred listening level.
3. Push the "AUX", button on radio to gain access to auxiliary audio input.
4. Display on radio will show "DVD/CD" for a few seconds, then will display "PIE".
5. Verify that audio of auxiliary device is heard.
6. Rotate the "Input Sensitivity" adjustment pot of the FRD04-AUX counter-clockwise until volume level of auxiliary device matches that of the AM, FM, or CD modes.

INSTALLATION DIAGRAM PIE PART # FRD04-AUX



WARRANTY

Precision Interface Electronics, Inc. warrants all of its products to be free from defects in material and workmanship. For a period of 90 days from the Date of Sale, PIE will, at its discretion, repair or replace any product found to be defective under normal use. Misuse, tampering with or in any way altering products will void any and all warranties. This warranty neither assumes or authorizes any other person to assume for it any other liability relative to its products. In no event does PIE assume liability for any incidental or consequential damages. Neither does PIE assume any other liabilities except as provided herein.