

**AFDI-THX-01
INSTALLATION INSTRUCTIONS**

*** READ IMPORTANT WARNING ON PAGE 2
BEFORE ATTEMPTING ANY INSTALLATION**

The AFDI-THX-01 is designed to retain the THX audio system in the applications listed when replacing the OEM radio with an aftermarket one. Instead of using a turn on wire in the OEM harness, the OEM radio uses CAN data to turn the amplifier on and off. The CAN data also tells the OEM radio when the vehicle is on and off. Because of this, these vehicles do not have a traditional 12 volt accessory wire in the OEM harness. By reading the CAN data the AFDI-THX-01 will know when the vehicle is on and off and will provide a 12 volt 10 amp accessory output to be used by the aftermarket radio.

Another feature of the AFDI-THX-01 is if the vehicle has the overhead video system the AFDI-THX-01 will keep that option active and allow the audio from that overhead to be played through the aftermarket radio; however the radio you install must have an auxiliary input to hear the audio from the overhead. Also if the vehicle has the 3.5mm aux jack the AFDI-THX-01 will retain that feature by providing a RCA output.

If you are installing a radio that has navigation built in, the AFDI-THX-01 will provide the necessary navigation outputs like VSS (Speed Sense), Parking Brake, and Reverse. This will save installation time so the installer does not have to search through the vehicle to get these wires.

INTERFACE COMPONENTS

- AFDI-THX-01 interface
- 14 way radio side harness with rca's
- 12 way to 24 and 16 way vehicle side harness
- 8 way harness with rca's

**KNOWLEDGE IS POWER**

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INSTAFDI-THX-01

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AFDI-THX-01

TOOLS REQUIRED FOR INSTALLATION

• Cutting Tool • Small Blade Screwdriver • Tape • Crimping Tool • Connectors (I.E. butt-connectors, bell caps, etc...)

APPLICATIONS

LINCOLN

MKX	2007-2009
MKZ	2007-2009
NAVIGATOR	2007-2008

* IMPORTANT WARNING

THIS PRODUCT INCLUDES INSTRUCTIONS FOR INSTALLATION WHICH MUST BE CAREFULLY FOLLOWED. THE INSTRUCTIONS ARE WORDED IN SUCH A MANNER TO ASSUME THAT THE INSTALLER IS CAPABLE OF COMPLETING THESE TYPE OF ELECTRONIC INSTALLATIONS. IF YOU ARE UNCLEAR AS TO WHAT YOU ARE INSTRUCTED TO DO OR BELIEVE THAT YOU DO NOT UNDERSTAND THE INSTRUCTIONS SO AS TO PROPERLY AND SAFELY COMPLETE THE INSTALLATION YOU SHOULD CONSULT A TECHNICIAN WHO DOES HAVE THIS KNOWLEDGE AND UNDERSTANDING. FAILURE TO FOLLOW THESE INSTRUCTIONS CAREFULLY AND TO INSTALL THE INTERFACE AS DESCRIBED COULD CAUSE HARM TO THE VEHICLE OR TO SAFETY SYSTEMS ON THE VEHICLE. INTERFERENCE WITH CERTAIN SAFETY SYSTEMS COULD CAUSE HARM TO PERSONS AS WELL. IF YOU HAVE ANY QUESTIONS IN THIS REGARD PLEASE CALL THE HELP LINE OR THE METRA AT 1-800-221-0932 FOR ASSISTANCE.

WIRING THE AFDI-THX-01

****Important: Before beginning any of the following, disconnect the negative battery terminal to prevent an accidental short circuit.***

CONNECTIONS TO BE MADE ON THE CAR SIDE HARNESS

1. Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.
2. Connect the **Black** wire to the radio's ground wire.
3. Connect the **Blue** wire to the radio's antenna turn on wire. If your radio does not have this wire, connect the **Blue** wire the radio's amplifier turn on wire.
4. Connect the **Orange/White** wire to the radio's illumination wire. If the radio does not have illumination wires just tape up the wire.

CONNECTIONS TO BE MADE ON THE 8 WAY HARNESS

1. Connect the **Blue/White** wire to the radio's amplifier turn on wire.

CONNECTIONS TO BE MADE ON THE RADIO SIDE HARNESS

1. Connect the **Red** wire to the radio's 12 volt accessory wire.
2. Connect the **Blue/White** wire to the radio's amplifier turn on wire.
3. Connect the **Brown** wire to the radio's mute wire. If the radio has no mute wires just tape up the wire.

The following wires are for radios that have navigation built in:

1. Connect the **Green** wire to the radio's Parking Brake wire.
2. Connect the **Blue/Pink** wire to the radio's VSS (Speed Sense) wire.
3. Connect the **Green/Purple** wire to the radio's Reverse wire.

RCA CONNECTIONS TO BE MADE

On the radio side harness:

1. Connect the **White** rca to the radio's left front rca output.
2. Connect the **Gray** rca to the radio's right front rca output.
3. Connect the **Green** rca to the radio's left rear rca output.
4. Connect the **Purple** rca to the radio's right rear rca output.

If the radio does not have rca's or only a single pair, the use of the Axxess ALOC648 or ALOC608 line level convertor is recommended (each sold separately).

On the 8 way harness:

1. Connect the **White** and **Red** rca's to the radio's subwoofer output.

If the radio does not have a subwoofer output, then the use of rca "Y" splitters will be required (sold separately) and used on the rear outputs of the radio.

On the 16 way vehicle side harness:

- If your vehicle is equipped with the overhead video system you can listen to the audio from the video system through your radio provided your radio has an rca aux in. The audio from the overhead comes through the rca's with the "RSE" label on them.
- If your vehicle has a 3.5mm jack for MP3 players you can retain that. The rca's labeled "AUX" will provide the audio from the 3.5mm jack through your radio provided your radio has an rca aux in.

INSTALLING AND TESTING THE AFDI-THX-01

1. With all connections completed plug the connectors into their corresponding mating connectors.
2. Cycle the key by turning the ignition on, off, then back on to test the radio.
3. Check fading controls to make sure the radio fades correctly. If not double check that the rca's are in the correct location.

AUDIO LEVEL CONTROL

If the audio level of the sound system is too low or high, you can adjust the input level to the amplifier. *To do this, follow these steps:*

1. Locate the potentiometer next to the 14 way Molex connector on the end of the AFDI-THX-01.
2. Using a small flat head screwdriver turn the potentiometer clockwise to increase the input level.
3. Turn the potentiometer counterclockwise to lower the input level.

