BLUETOOTH INTERFACE FOR SELECT 2003-UP FORD, LINCOLN & MERCURY VEHICLES

BEEBF-24
NOTE: This interface is not compatible with: 2004 - 2006 Vehicles With THX or Navigation systems. For 2007-up Lincoln vehicles, see note below:

MUSIC STREAMING
A2DP WORKS ONLY ON FRONT SPEAKERS

APPLICATIONS
1. If this vehicle has THX system, disconnect the negative (−) battery cable for radios that are non-navigation. Radios that are navigation ready should not disconnect the battery cable. Please use caution when installing. Do not install the interface near or on the vehicle's HVAC system. This will prevent overheating and condensation build up.
2. Be aware that the interface only allows for the audio to be heard through the front speakers.

Phone-Specific note for iPhone 5S/ iOS7 & Up:

Siri-Specific command may not respond properly. Standard Voice command may have to be used instead.

INSTALLATION
1. Remove the factory radio to gain access to the factory radio wiring connectors.
2. Disconnect the factory connectors from the rear of the factory radio.
3. Connect the male connectors of the interface power harness into the factory radio.
4. Reconnect the factory connectors into the mating connectors of the interface.
5. Connect the female 3-pin connector into the pigtail connector.
6. Route the microphone to a desired location, (for example above the rear view mirror).
7. Re-install a factory radio back into the vehicle's dash.

FORD HARNESS

Connecting the 1, 2, and 3 Connectors:
For number descriptions see included Slip Sheet.

Option One: For early model vehicles make connections on 1 and 3.
Option Two: For vehicles with Subwoofer make connection on 1 and 3.

Mounting the Microphone
1. Insert the mounting clip into the ball joint on the microphone.
2. Mount the clip on your visor or near the rear view mirror.
3. Route the remaining cable along the edge of the roof liner and towards the back of the radio, hiding the cable from sight.

FORD, LINCOLN & MERCURY VEHICLES

INSTALLATION
1. Disconnect Red Wire on 2 PIN Molex connector.
2. Disconnect Red Wire and White/Black Wire on other 2 PIN Molex Connector.
3. Reconnect the factory connectors into the mating connectors of the interface.
4. Connect the male connectors of the interface power harness into the factory radio.
5. Reconnect the factory connectors into the factory radio.
6. Route the microphone to a desired location, (for example above the rear view mirror).
7. Re-install a factory radio back into the vehicle's dash.

INITIAL PAIRING TO THE VOICE PROMPTS:
1. READY (POWER ON)
2. SEARCHING PHONES (FOR PREVIOUS PAIRED PHONES)
3. PLEASE SEARCH AND SELECT THE "BEEBF-24" DEVICE FROM MOBILE PHONE AND ENTER "0000".
4. YOU ARE NOW READY TO USE THE HF SYSTEM.

Note: The Bluetooth interface will remember up to the last 8 devices.

Note: If pairing is unsuccessful after several attempts power off then power back on to re-attempt, if unsuccessful please contact our tech support line.

AUTO RE-CONNECT:
1. The BEEBF-24 module will automatically re-connect the previously paired mobile phone when the ignition is turned "ON" to the vehicle and the mobile phone's Bluetooth feature is also on.

Note: The Bluetooth module will re-connect with the last mobile phone's it was paired with. If no mobile phone is not found, it will revert to the pairing process.

USING TYPE "A" RADIO BUTTONS

USING TYPE "B" RADIO BUTTONS

USING TYPE "C" RADIO BUTTONS

All features of this module may vary by mobile phone manufacturer.
For questions on your mobile phone's features, please reference the mobile phone's user manual for information.

Note: THX Systems, Premium Audio Systems need to "Turn On" the radio for hands-free audio to be heard.

Important Note: For the 2012 Ford F-150, the controls on the steering wheel control do not work. Only the phone button works.

Disclaimer: If your manufacturing build date is near the cut off of the next year model, you may have a different style of harness. If your harness is different please contact us for updates.

Special Note: For Lincoln 2007-upwards Navigation Screen Radios:
1. Disconnect Red Wire on 2 PIN Molex connector.
2. Disconnect Red Wire and White/Black Wire on other 2 PIN Molex Connector.
3. If experiencing audio on Subwoofer when BT is engaged, connect Brown/White wire Molex Connectors ("SUBWOOFER ATTENUATION").

Important Note:
1. If this vehicle has THX system, disconnect Brown/White wire on Molex Connector.

2. If experiencing audio on Subwoofer when BT is engaged, connect Brown/White wire Molex Connectors ("SUBWOOFER ATTENUATION").

3. If this vehicle has THX system, disconnect Brown/White wire on Molex Connector.

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BLUETOOTH INTERFACE FOR SELECT 2003-UP FORD, LINCOLN & MERCURY VEHICLES

REV.051315

USING THE STEERING WHEEL CONTROLS (NEW STYLE)

USING THE MENU STRUCTURE:
FOR RADIO TYPE “A”.

MISSING CALLS:
1. Press the “AM/FM” button twice.
2. Press the “AM/FM” button once to enter the menu options.
   Continue to press the “AM/FM” button twice till you hear the
   interface announce “MISSING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

INCOMING CALLS:
1. Press the “AM/FM” button twice.
2. Press the “AM/FM” button once to enter the menu options.
   Continue to press the “AM/FM” button twice till you hear the
   interface announce “INCOMING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

OUTGOING CALLS:
1. Press the “AM/FM” button twice.
2. Press the “AM/FM” button once to enter the menu options.
   Continue to press the “AM/FM” button twice till you hear the
   interface announce “OUTGOING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

SETTING TTS VOLUME:
1. Press the “AM/FM” button twice.
2. Press the “AM/FM” button once to enter the menu options.
   Continue to press the “AM/FM” button twice till you hear the
   interface announce “SETTING VOLUME”, and wait for her
   announcement.
3. Set the TTS volume by turning the volume knob and waiting for
   the announcement. Each announcement will indicate the volume
   level of the TTS.
4. When the desired volume level is reached, press the “PWR”
   button once to select.

DELETE ALL PAIRED DEVICES:
This feature allows you to delete all paired devices on the interface.
The module does NOT allow the user to only clear one device. The
module will delete all previously paired devices only.

1. Press the “AM/FM” button twice.
2. Press the “AM/FM” button once to enter the menu options.
   Continue pressing the “AM/FM” button twice till you hear the
   interface announce “YOU WANT TO DELETE PAIRED
   PHONE LIST?”.
3. Press the “PWR” button once within 3 seconds to confirm.
   The interface will ask “ARE YOU SURE”, press the “PWR”
   button once to re-confirm.

Note: The menu structures only remember the last 24
numbers in the call log from dialed from the mobile
phone.

Note: All menu structures work in 3 second increments. If after 3 seconds the interface will time-out.

USING THE STEERING WHEEL CONTROLS (OLD STYLE)

USING THE MENU STRUCTURE:
FOR RADIO TYPE “B”.

MISSING CALLS:
1. Press the “PWR” button twice.
2. Press the “PWR” button once to enter the menu options.
   Continue to press the “PWR” button twice till you hear the
   interface announce “MISSING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

INCOMING CALLS:
1. Press the “PWR” button twice.
2. Press the “PWR” button once to enter the menu options.
   Continue to press the “PWR” button twice till you hear the
   interface announce “INCOMING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

OUTGOING CALLS:
1. Press the “PWR” button twice.
2. Press the “PWR” button once to enter the menu options.
   Continue to press the “PWR” button twice till you hear the
   interface announce “OUTGOING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

SETTING TTS VOLUME:
1. Press the “PWR” button twice.
2. Press the “PWR” button once to enter the menu options.
   Continue to press the “PWR” button twice till you hear the
   interface announce “SETTING VOLUME”, and wait for her
   announcement.
3. Set the TTS volume by turning the volume knob and waiting for
   the announcement. Each announcement will indicate the volume
   level of the TTS.
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   button once to select.

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2. Press the “PWR” button once to enter the menu options.
   Continue pressing the “PWR” button twice till you hear the
   interface announce “YOU WANT TO DELETE PAIRED
   PHONE LIST?”.
3. Press the “PWR” button once within 3 seconds to confirm.
   The interface will ask “ARE YOU SURE”, press the “PWR”
   button once to re-confirm.

Note: The menu structures only remember the last 24
numbers in the call log from dialed from the mobile
phone.

Note: All menu structures work in 3 second increments. If after 3 seconds the interface will time-out.

IMPORTANT NOTE:
FOR SOME OLDER FORD AND LINCOLN VEHICLES.
If your vehicle is equipped with steering wheel control that contain a
“MEM” button, the controls on your radio controls will not function
while using the Bluetooth interface.
All functions will be made from the steering wheel controls only.

USING THE STEERING WHEEL CONTROLS

FOR OLDER VEHICLES WITH STEERING WHEEL CONTROL:
If your vehicle is equipped with steering wheel control that contain a
“MEM” button, the controls on your radio controls will not function
while using the Bluetooth interface.

USING THE STEERING WHEEL CONTROLS:

USING THE MENU STRUCTURE:
FOR RADIO TYPE “B”.

MISSING CALLS:
1. Press the “PWR” button twice.
2. Press the “PWR” button once to enter the menu options.
   Continue to press the “PWR” button twice till you hear the
   interface announce “MISSING CALLS”, and wait for the numbers
   to be announced.
3. When the number you wish to dial is announced, press the “PWR”
   button once to make the call.

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   button once to re-confirm.

Note: The menu structures only remember the last 24
numbers in the call log from dialed from the mobile
phone.

Note: All menu structures work in 3 second increments. If after 3 seconds the interface will time-out.

NOTES:
This interface is not compatible with:

2004 - 2006 Vehicles With THX or Navigation systems.
For 2007-Up Lincoln vehicles, see note below.

APPLICATIONS
FORD
2004-2006 Crown Victoria
2007-2010 Edge
2008-2012 Escape
2004-2010 Expedition
2004-2010 Explorer
2004-2012 F-150
2004-2012 F-250
2004-2012 F-350
2004-2012 F-450
2004-2012 F-550
2005-2007 Five Hundred
2009-2012 Flex
2004-2011 Focus
2004-2007 Freestar
2005-2007 Freestyle
2006-2012 Fusion
2004-2012 Mustang
2008-2010 Taurus
2004-2005 Thunderbird

LINCOLN
2003-2005 Aviator
2004-2006 LS
2006-2008 Mark LT
2009-2010 MKS
2010-2011 MKT
2006-2011 MKX
2006-2011 MKZ
2007-2011 Navigator
2004-2010 Town Car
2006-2006 Zephyr

MERCURY
2003-2005 Grand Marquis
2006-2010 Mariner
2006-2011 Milan
2005-2007 Monterey
2004-2007 Monterey
2006-2010 Mountaineer
2008-2009 Sable

Disclaimer: If your manufacturing build date is near the cut-off of the next year model, you may have a different style of harness. If your harness is different please contact us for updates.

Special Note: For Lincoln 2007-upwards
Navigation Screen Radios:
1. Disconnect Red Wire on 2 PIN Molex connector.
2. Disconnect Red Wire and White/Black Wire on other 2 PIN Molex Connector
3. If experiencing audio on Subwoofer when BT is engaged, connect Brown/White wire Molex Connectors (“SUBWOOFER ATTENUATION”).

Important Notes:
1. If this vehicle has THX system, disconnect Brown/White wire on Molex Connector.
**APPLICATIONS**

**FORD**
- 2004-2006 Crown Victoria
- 2004-2010 F-550
- 2004-2010 F-450
- 2004-2010 F-250
- 2004-2012 F-150
- 2004-2010 Explorer
- 2004-2010 Expedition
- 2007-2010 Edge
- 2004-2006 Crown Victoria
- 2004-2006 Mark LT
- 2003-2005 Aviator
- 2008-2011 Fusion
- 2004-2012 Mustang
- 2008-2010 Taurus
- 2004-2005 Thunderbird
- 2003-2005 Aviator
- 2004-2006 LS
- 2006-2008 Mark LT
- 2009-2010 MKS
- 2010-2011 MKT
- 2006-2011 MKX
- 2006-2011 Zephyr
- 2007-2011 Navigator
- 2004-2010 Town Car
- 2006-2006 Zephyr

**LINCOLN**
- 2003-2005 Aviator
- 2004-2006 LS
- 2006-2008 Mark LT
- 2009-2010 MKS
- 2010-2011 MKT
- 2008-2011 MKZ
- 2007-2011 Navigator
- 2004-2010 Town Car
- 2006-2006 Zephyr

**MERCURY**
- 2003-2005 Grand Marquis
- 2006-2010 Mariner
- 2006-2011 Milan
- 2005-2007 Montego
- 2004-2007 Monterey
- 2006-2010 Mountaineer
- 2008-2009 Sable

**NOTE:** This interface is not compatible with 2004 - 2006 Vehicles With THX or Navigation systems. For 2007-Up Lincoln vehicles, see note below.

**POSSIBLE ISSUE**

**POSSIBLE SOLUTION(S)**

- Is there noise coming from the Auxilary input?
  - Disconnect the CAN-BUS connector.

- What is the "Phone Mode Wire"?
  - Connecting this cable will display "Phone Mode" during a phone conversation.

**SUBWOOFER MUTE DIAGRAM**

The subwoofer mute wire is to be used when there is unwanted noise coming from the vehicle's factory subwoofer while during a phone call. To mute the subwoofer completely during a phone call, please connect wire as follows:

To activate the subwoofer mute, t-tap the violet and black wire on the 12-Pin connector to Pin-4 of the factory subwoofer plug.

2-PIN CONNECTOR CONFIGURATION

These are the following ways to connect the 2-PIN connectors. There are three ways that the connections can be used, for the purpose of a wide year range.

**A. CAN-BUS VEHICLES**

- Red OPEN
- White/Black OPEN

**SYNCH COMPATIBLE 2007-UP RANGE**

**B. CAN-BUS AND ACC VEHICLES**

- Red VARIIES
- White/Black OPEN

**CONTROL ON RADIO 2005-2007 RANGE**

**C. ACC ONLY VEHICLES (NON-CAN)**

- Red CLOSED
- White/Black CLOSED

**NO CONTROL ON RADIO 2003-2006 RANGE**

**NOTE:** If after a command the radio is powered "OFF", you must power "ON" the radio to regain volume control.

**NOTE:** If an incoming call is answered from the mobile phone's keypad, the call will direct itself to the headset on the mobile phone. To re-direct the phone call to the "BEEBF-24", it must be done directly from the mobile phone.

**NOTE:** When transferring a phone call to the mobile phone for privacy, the user must re-connect the BEEBF-24 and the mobile phone by selecting the module from the device menu on the phone.

**NOTE:** If after ending a call the radio is powered "OFF", you must power "ON" the radio to regain volume control.

**NOTE:** The volume may vary at times. In order to correct the volume level, you must reset the volume knob to 0.