# Table Of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation</td>
<td>1</td>
</tr>
<tr>
<td>Switching to the Interface</td>
<td>3</td>
</tr>
<tr>
<td>Interface Homepage</td>
<td>4</td>
</tr>
<tr>
<td>Interface Settings</td>
<td>5</td>
</tr>
<tr>
<td>Camera Control</td>
<td>7</td>
</tr>
<tr>
<td>HDMI Input</td>
<td>9</td>
</tr>
<tr>
<td>USB Input</td>
<td>12</td>
</tr>
</tbody>
</table>
The SYNC Module is located on the rear of the factory 8” display

1: Remove Sync video jumper and connect the supplied video LVDS cables.
2: Remove the Power cable from the Sync module and plug in the supplied T-Harness.
3: Install and connect cameras as needed.
   NOTE: Cameras should be powered from +12v ACC. or the system will not operate correctly.
NO OTHER CONNECTIONS ARE REQUIRED FOR OPERATION OF THE MODULE.
Installation Parts

Parts List

1. LVDS Input/Output Cable
2. Interface Module
3. HDMI Input Cable
4. Power T-Harness
5. Camera Input Harness
Switching to the Interface

Switching between the OEM system and your newly installed interface is easily done by pressing and holding the “Speak” button on the steering wheel for 3 seconds.

**The placement of the speak button may be different on your vehicle, this will not affect the systems functions.

***The appearance of your steering wheel may be different than shown. This will not affect the functions of the interface.

Pressing and holding the speak button for 3 seconds will access the interfaces’s main menu. Pressing and holding the same button for another 3 seconds will return you to the factory systems.
Interface Homepage

Your interface menu homepage will look similar to the image below. Once you have accessed the interfaces Home Page, you can now use the touch screen to navigate through the interfaces sources and options.

To access the interfaces features, simply press the onscreen icons

Menu

- Camera
- HDMI
- Cargo
- Settings
## Interface Settings

**The interfaces Settings allows you to do the following:**

**System Reset:** Returns all systems settings back to factory default. It is also used when updating the firmware.

**Rear Camera Options:** Allows you to select which reverse camera input the interface will show while in reverse. Choose between OEM and aftermarket cameras.

**Front Cam. Trigger by Speed:** When checked, the front camera will automatically display when the vehicle’s speed goes below 10 MPH.

Make changes by pressing the buttons now on your screen.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Next Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Reset</td>
<td></td>
</tr>
<tr>
<td>Rear Camera Option</td>
<td>OEM</td>
</tr>
<tr>
<td>Front Cam. Trigger by Speed</td>
<td></td>
</tr>
<tr>
<td>Left Cam. Trigger by Turn Signals</td>
<td></td>
</tr>
<tr>
<td>Right Cam. Trigger by Turn Signals</td>
<td></td>
</tr>
<tr>
<td>Cargo Icon Overlay In Reverse</td>
<td></td>
</tr>
</tbody>
</table>
**Interface Settings**

*Settings Continued:*

**Left Cam. Trigger by Turn Signals:** When checked, the camera plugged into LEFT will display on the screen when the left turn signal is activated.

**Right Cam. Trigger by Turn Signals:** When checked, the camera plugged into RIGHT will display on the screen when the right turn signal is activated.

**Cargo Icon Overlay In Reverse:** When checked, the interface will add an icon to the touch screen while in reverse mode. Pressing this icon will switch you from your factory rear view camera to the aftermarket camera you have plugged into REAR. Ideal for cameras on the rear of a trailer or inside to monitor cargo.

**Make changes by pressing the buttons now on your screen**

<table>
<thead>
<tr>
<th>Settings</th>
<th>Next Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Reset</td>
<td>&gt;</td>
</tr>
<tr>
<td>Rear Camera Option</td>
<td>OEM</td>
</tr>
<tr>
<td>Front Cam. Trigger by Speed</td>
<td></td>
</tr>
<tr>
<td>Left Cam. Trigger by Turn Signals</td>
<td></td>
</tr>
<tr>
<td>Right Cam. Trigger by Turn Signals</td>
<td></td>
</tr>
<tr>
<td>Cargo Icon Overlay In Reverse</td>
<td></td>
</tr>
</tbody>
</table>

**Cameras Must be installed in order for some features to work**
Camera Control

Pressing the Camera icon will allow you to access the installed cameras on demand.

When viewing the cameras, touch the screen again and the camera selection icons will appear. Touch any of the icons on the screen to view a connected camera. If you do not touch an icon within 10 seconds, the icons will disappear. Touching the screen again will bring the controls back.

The selected camera will continue to display until you press the return icon on the upper right hand side of the screen.

If there is no camera installed on selected input, the screen will remain black.
Cargo Camera Control

With the install of your new SYNC 3 Multi camera interface, you now have an option to add a 5th Wheel Docking, Trailer or Cargo Camera into your system with an OEM reverse camera.

By using the 360 Input on the interface.

Now you can access this camera by pressing the Cargo icon in the interface main menu page. Or if you have turned on the “Cargo Icon Overlay” and place the vehicle in reverse, a Cargo Camera icon will appear in the upper right corner.

Pressing the Cargo Camera Icon will switch from the OEM, or aftermarket camera connected to the REAR input, to the camera that is plugged into the 360 Input.

**You must turn on this option in the interface settings in order for this feature to work**
Your interface now offers you an HDMI input that you can use to view your compatible smart phone's screen on the factory display. This input DOES NOT offer control of the connected device, only the mirroring of the video and audio are accessible.

**FMVSS and local laws do not allow the viewing of video by a driver or in a position the driver may view** while the vehicle is in motion. Therefore we recommend that this function is used only for view applications such as navigation from your phone while driving. Driver safety is always a first priority.

**NOTE**: Your phone will require a special cable or adaptor to view HDMI. Contact your Phone dealer for more info. (1080P, 720P, and 480P are supported)
Steps To Mirroring Your Phone:

**Step 1**
Pair your device to the Ford SYNC 3 Bluetooth. *(For instructions on how to pair your phone to your vehicle refer to the factory owners manual)*

**Step 2**
Select Bluetooth as your source.

**Step 3**
Access the interfaces main menu by pressing the HOME button twice quickly.

**Step 4**
Press the HDMI icon on the screen.

**Step 5**
Plug your device into the HDMI input.

Once the device is plugged in, the interface will automatically switch the video and will display all images showing on your device.

**The radio source must be on Bluetooth for the phones audio to play.**

To exit out of HDMI Mirroring tap the screen and the return arrow icon in the upper right corner will appear. Press the icon and return to the Interfaces main menu. If you don’t press the return icon with in 10 seconds the icon will disappear.
Notes On HDMI Mirroring

If you are using the HDMI mirroring to display your phones navigation onto the factory display you will have to have the radio source selected as Bluetooth in order to receive audible turn my turn prompts.

Using any application such as Netflix, youtube, Google Maps, Facebook, Etc., require data. For more information regarding data usage contact your Cell Phone Provider.

Again, the HDMI input does not offer screen control. You will need to do all the controlling and navigating of the phone’s apps and sources by using the phone itself.
The USB added to your interface will ONLY provide a place to charge your device. The USB is NOT used for an AUX input or for a media player.

The USB will not play media, video, or pictures from any type of USB stick or other USB connected device.

The USB Jack is designed and used to do any firmware updates on the interface.