



Ford Navigation Interface Specification V1.0

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1. Model No.

S1C002A-Y01

2. Introduction

This interface system is specially designed to upgrade Ford MyFord Touch System (with 8" Touch Screen) into a high-end model vehicle with Navigation and many other useful functions. Keep OEM Radio head unit, touch screen and all controls, seamless integration to OEM system, compatible with all factory controls.

3. Functions

a) Navigation

Built-in GPS Navigation.

Turn by turn navigation for most countries.

Support all major maps.

b) HDMI

To display your cell phone screen on OEM monitor.

Support Android Phone with MHL function or iPhone with HDMI converter.

c) Media Playback (USB/SD card)

Support all kinds of music playback

1080 HD video playback

d) OBD Information Display

Vehicle information display on monitor, such as speed, fuel consumption and illumination information etc.

e) Bluetooth

Bluetooth 2.0 connectivity

Hands-free calls

A2DP

Phonebook function, view recent call logs etc.

f) USB System/Map Upgrade

Support to upgrade system/map through external USB port.

g) TV (Optional)

h) TPMS (Optional)

i) Rearview Camera (Optional)

j) DVR (Optional)

k) Parking Sensor (Optional)

I) DVD (Optional)

4. Features

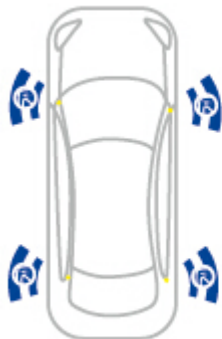
- a) Hassle Free System Installation
Seamless integration to OEM system.
No need to input extra daughter board.
Use factory T-Harness for plug&play connection.
- b) Keep OEM Radio head unit, touch screen and all controls.
Retain high quality OEM CD player, Bluetooth, radio and audio system. All the control buttons could control OEM or Interface system.
- c) Factory OEM Style UI Design
Revolutionary image recognition technology to make interface system UI same as OEM UI style.



- d) Flexible System Switch
3 different ways to switch between OEM system and interface system



- e) Dual CAN technology
Navigation tips sound from OEM speaker



- f) Phone screen mirroring through HDMI
HDMI support to mirror your Phone Screen to OEM monitor.
(Remarks: For Android Phones with MHL Function and Iphone with HDMI Converter)



- g) Shortcut button to enter Navigation
Press Sound button to enter Navigation



- h) CPU Solution
MTK3360, ARM11 platform with WIN CE 6.0 system. All APPS are designed by Sintegrate, our dedicated and experienced R&D team could help customers to achieve your ideas and concepts.

5. Specification

Item	Description
CPU	MT3360 ARM11
CPU Main Frequency	837M
ROM	DDR II 256M
Flash	Nand Flash 128M
OS	WINCE6.0

Video Decoder	1080P All digital decoding
Audio Sounds	DSP Audio processing
USB	USB2.0, Support factory USB and Aux
Bluetooth	hands-free calls, A2DP, history log etc.
GPS	MT3336

6. System Parts

GPS Antenna



HDMI



DVI-I



Escape /Kuga
T- Harnesses



USB



Screw



Connection Unit



Interface Module

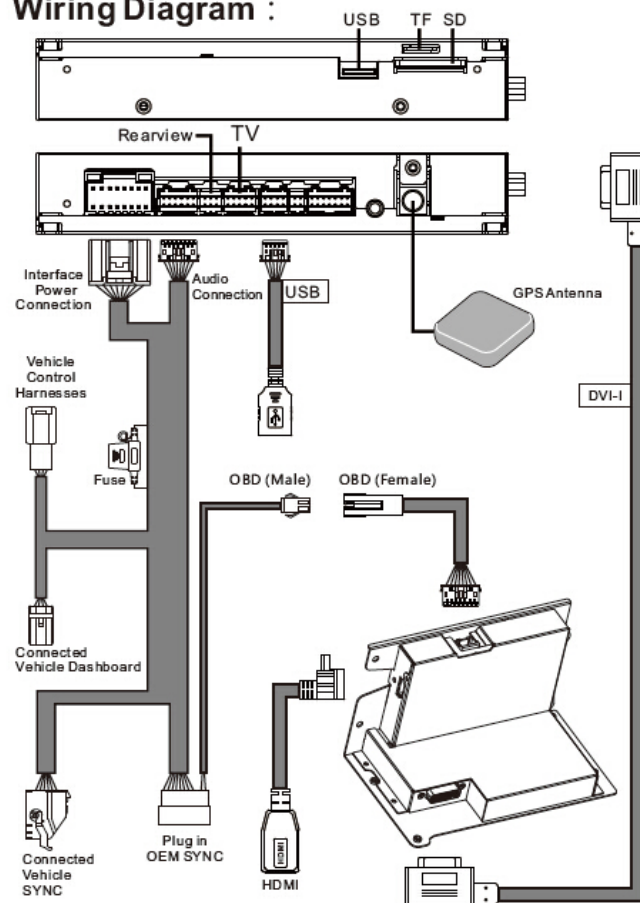


VHB tape



7. System Diagram

Wiring Diagram :



8. Applications

Year	Models	Year	Models
2013-2014	Ford Edge	2013-2014	Ford Fusion
2013-2014	Ford Explorer	2013-2014	Ford Flex
2013-2014	Ford C-MAX	2013-2014	Ford F-150
2013-2014	Ford Escape/Kuga	2013-2014	Ford F-250
2013-2014	Ford Focus	2013-2014	Ford F-350
2013-2014	Ford Taurus	2013-2014	Ford Super Duty
2014	Ford Fiesta	2014	Ford Transit Concept
2013-2014	Lincoln MKX	2013-2014	Lincoln MKS
2013-2014	Lincoln MKT	2013-2014	Lincoln MKZ

FCC ID: 2AC3ES1C002A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.