

Version 20200714- EN

Installation manual camera interface

FORD

Designed for Ford SYNC2 & SYNC3 8" systems

Model: RC FORDSYNC3

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1: IMPORTANT INFORMATION

You have made the right choice by purchasing this advanced multimedia product. We recommend to read the installation instructions carefully before starting the installation.

Installation must be done by a qualified personnel. Installation of the interface is entirely at your own risk. We accept no liability for damage to the vehicle or personal injury. If the manual is not well enforced and / or the interface is incorrectly connected, the guarantee claim as well the operating permission becomes invalid.

The guarantee claim as well the operating permission becomes invalid due to:

- a) The housing is opened*
- b) The warranty sticker is damaged or broken*
- c) The interface is damaged*
- d) Capital repairs are performed*
- e) Cable / connector is modified*
- f) Brute force to the device*

The operation of this interface may be affected by software updates from the manufacturer / dealer. In such cases, within one year of purchase, we provide a free software update for the multimedia interface. The costs for removal and de/re-installation is not included and the interface must be supplied to us.

In the supplied (service) instructions you can specify how and where the products are installed. In addition, end users are made aware of important addresses that he can consult in case of questions or problems. We advise you and the end-user to give the service record to the dealer when maintenance must be done.

Warranty must be done via a RMA request. Returns without (copy) invoice, RMA form and RMA number will not be accepted. Returns can only be sent after agreement RMA request.

General Guidelines for Maintenance:

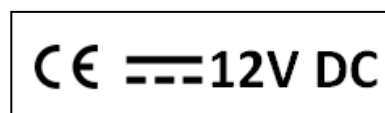
- a) For repair / maintenance end-user must always show the Service instructions to the dealer.*
- b) If the vehicle goes to a dealer for service, it may be necessarily that the interface module (s) must be temporarily removed due to a software update or reading failures.*
- c) In this case, the loop-through adapters (optional) can be used to remove easily the interface modules.*

2: INSTALLATION & SAFETY INSTRUCTIONS

Installation must be done by a qualified personnel.

Do not install this interface by yourself. For safe and reliable installation, consult a dealer having special knowledge.

- Use the device only at a +12 volt vehicle electrical system. Make sure to have a proper ground.
- The device should not be set up in direct proximity of heat sources (e. g. power amplifier).
- Please make sure that no objects or liquids can intrude the interior of the device! (Danger of short circuit!)
- Please follow all caution advises contained in the mounting guidelines.
- Please read through all safety instructions and handling directions intently before installation and start up of the device.
- Check always the compatibility of the interface for your car before installation.
- Avoid installing the unit in following places: Where it would hinder your safe driving – Where it could damage the car's fitting.
- Make sure the power is fused with 7A or 10A fuses.
- Please check all the car functions after installing the interface.
- Make sure the end customer can always reset the interface. You can reset the interface to make it powerless.



3: SCOPE OF DELIVERY

Scope of delivery

Package:

1. P&P cable kit: 1x
2. OBD dongle activator: 1x
3. Manual: 1x

4: COMPATIBILITY

4.1 Car models

The interface is compatible with various Ford vehicles included:

- MyFord Touch 8" (SYNC2)
- MyFord Touch 8" (SYNC3)
- MyFord Touch 8" tablet (SYNC3)



4.2 Requirement

OBD dongle	The first use on a vehicle, the OBD coder is personalized to this vehicle and can be used unlimited times to code or reverse coding on this vehicle.
CVBS	Only compatible with NTSC sources.
INPUTS	Rear camera input
SCREEN	Interface is compatible with 8" monitors only (SYNC2 & SYNC3 until 2019)
GUIDELINES	iPAS & Static lines are not supported
PiP	Optical Park overlay is supported (Picture in Picture)
REAR SELECT CAMERA INPUT	Interface will respond on CAN-BUS
INSTALLATION	We recommend that the installation will be performed by a qualified specialist
EXTRA NOTE	Only compatible for cars with 54-Pin radio harness

5: WIRE DIAGRAM

5.1 LED status

LED	Status	Explication
Blue	Flashes	Coding process is running
Green	Lights	Coding procedure successfully completed
Red	Lights	Remove coding procedure successfully completed
	Flashes	Coding process failed / license violation
Green + Red	Lights	CAN Communication Error! - Abort of the diagnostic session

6: INSTALLATION

Attention; do not install the interface when the ignition is ON.

6.1 Dissemble

(Based on FORD FIESTA)

1: De-install the monitor.



2: De-install the cluster instrument. Behind the cluster instrument you will find the SYNC3 computer.



(Based on FORD TRANSIT)

1: De-install the monitor.



2: De-install the glove box. Behind the glove box will find the SYNC3 computer.

(Based on FORD FOCUS 2018)

1: Remove dashboard and centre console.



2: Remove the computer.



6.1 Coding *(do coding first after that the CAN module)*

1. Locate the OBD2 port, typically under the steering wheel column
2. Turn the key to the ON position (*do not start the engine*). Turn off head lights
3. Turn on radio and wait until it is in its normal operation
4. Plug the OBD2 Coder into the OBD2 port
5. Wait until you see a solid GREEN LED then remove the OBD2 coder from the OBD2 port
6. Turn the key to the OFF position, remove key, open driver door then close it
7. Open the driver door, start engine and put the gear in REVERSE. If a camera is connected, you will see the camera image on the radio screen. If no camera is connected, within 20 seconds of putting the gear in reverse, the radio screen will switch to a blue screen with the message "Service Rear Vision System. This means that the RVC was coded successfully
8. There is an option to the remove the RVC coding. To do this, repeat steps 2 to 5 and put the gear in reverse to verify that the coding has been removed



To reverse the coding repeat steps 1.- 8.



- **After coding please put ignition OFF and put car in lock for 5 minutes**
- **The first use on a vehicle, the OBD coder is personalized to this vehicle and can be used unlimited times to code or reverse coding on this vehicle.**

6.2 Cable kit

1: Remove the display monitor and connect the interface 54-Pin harness between the factory display and harness

2: Connect the YELLOW female RCA to the camera cable RCA



- *Head-unit only support NTSC*
- *After disconnecting the factory 54-pin radio harness, it may take up to 2 minutes for the radio to perform self diagnostic and reboot*
- *Make sure the camera get an ignition feed (12V ACC) and not a reverse feed.*

7: ACTIVATION

7.1 Activation interface

Put the car in reverse. Screen will automatically switch to rear camera input.



**Make sure all doors are closed and hand brake is off before testing.*

8: WARRANTY

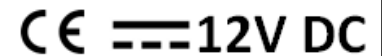
The product is designed for automotive use and his environment. The warranty of the product is one year.

No warranty:

- not break the labels attached on the board.
- Damaged of the interface
- Own reparations
- Modified cables

9: TECHNICAL DATA

Software version:	x
Voltage supply:	12V
Voltage-operating capacity:	10,5 – 14,8 V
Standby current:	0 mA
Operating current:	0 mA

A rectangular box containing the CE mark on the left and the text "12V DC" on the right, with a horizontal line above the "V".

10: TECHNICAL SUPPORT

All our products are manufactured under strict quality control. Each device is being tested before shipment. If nevertheless do occur problems or if you have technical questions, contact the dealer who supplied this product to you.

In addition to constant product update and development related changes the instruction manuals of the devices are constantly edited and kept up to date.

To enable us to provide you with the right information and support for the device you have got at hand please add the following information to every inquiry:

Date of purchase, your name and address, item number and the type of your vehicle.