

## Parrot MULTICAN for Citroen car

**Parrot MULTICAN** is a unit able to control Parrot H/F kits with the car's steering wheel commands working with CANBUS or K-BUS systems.

This unit is available in two versions, one working with the CK3000 Evolution, another for the CK3100.

### **CITROËN Compatibility car models :**

**C2:** 2006 - 2007

**C3:** 2006 - 2007

**C4:** 2006 - 2007



### **Parrot Reference :**

If you are interested, contact our sales department: [sales@parrot.fr](mailto:sales@parrot.fr)

#### **For Parrot CK3000 EVOLUTION**

- Parrot MULTICAN : **PI090001AA**

#### **For Parrot CK3100 LCD**

- Parrot MULTICAN : **PI090002AA**



### **Features :**

Depending on the steering wheel controls in your vehicle, the [MULTICAN] interface will enable you to take full advantage of the features available on your hands-free kit:



Depending on your vehicle's steering wheel controls, there are several possibilities for using a hands-free kit with the steering wheel controls:

- Mode 1:** the steering wheel does not feature any phone button, but only volume adjustment controls ("Volume (+)" and "Volume (-)" buttons)
- Mode 2:** the steering wheel features a single "Phone" button
- Mode 3:** the steering wheel features an "Answer" button and a "Hang up" button

With Citroen steering wheels configuration, you can use either **Mode 1**.

**Mode 1** is used by default, in this mode; no specific phone button buttons are used.

## Mode 1: Using with the volume adjustment buttons

 <p>VOLUME BUTTONS</p>	<p>Depending on the steering wheel controls in your vehicle, the MULTICAN interface will enable you to take full advantage of the features available on your hands-free kit:</p>	 <p>SEEK BUTTONS</p>
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<p>•Answer an incoming call:</p>	<p>Press the "Volume (+)" button.</p>
<p>•End a call:</p>	<p>Press the "Volume (-)" button.</p>
<p>•Refuse an incoming call:</p>	<p>Press the "Volume (-)" button.</p>
<p>•Start the voice recognition feature:</p>	<p>Quickly press the "Volume (+)" button, then press the "Volume (-)" button.</p>
<p>•Redial the last number:</p>	<p>Quickly press the "Volume (+)", followed by a long press of the "Volume (-)" until the number is dialed.</p>
<p>•Discreet mode:</p>	<p>Quickly press the "Volume (+)" button.</p>
<p>•Exit discreet mode:</p>	<p>During the call, quickly press the "Volume (+)" button followed by a press of the "Volume (-)" button</p>
<p>•Increase the volume:</p>	<p>During the call, press the "Volume (+)" button and then on the "Volume (-)" button re repeat this procedure until you reach the required volume.</p>
<p>•Lower the volume:</p>	<p>During the call, press the "Volume (-)" button and then on the "Volume (+)" button repeat this procedure until you reach the required volume.</p>

### The followings functions are only possible with Parrot CK3000 Evolution

<p>•Enter the menu:</p>	<p>Press the following sequence twice: "SEEK up" button then the "SEEK down" button. These buttons are used to search for radio stations.</p>
<p>•Go forward through the menu:</p>	<p>Press the "Volume (+)" button and then the "Volume (-)" button, leaving one second between each press.</p>
<p>•Go backwards through the menu:</p>	<p>Press the "Volume (-)" button and then the "Volume (+)" button, leaving one second between each press.</p>
<p>•Select a menu option:</p>	<p>Press the "Volume (+)" button.</p>
<p>•Cancel a function:</p>	<p>Press the "Volume (-)" button.</p>
<p>•Reset the hands-free kit:</p>	<p>Repeat the following sequence five times: press the "Volume (-)" button and then the "Volume (+)" button</p>

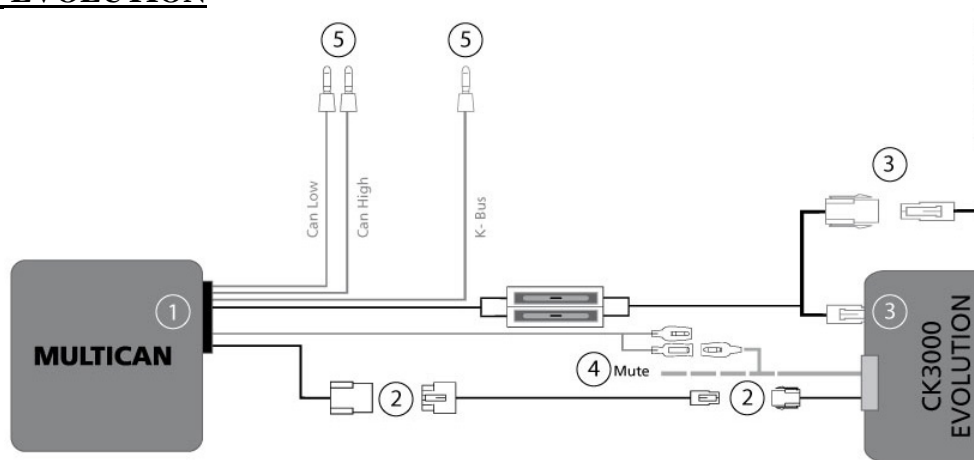
## Wiring diagram for CK3000 EVOLUTION and CK3100 LCD

It is important to follow the wiring diagram for your vehicle. We would advise our customers to have the interface fitted by a professional.

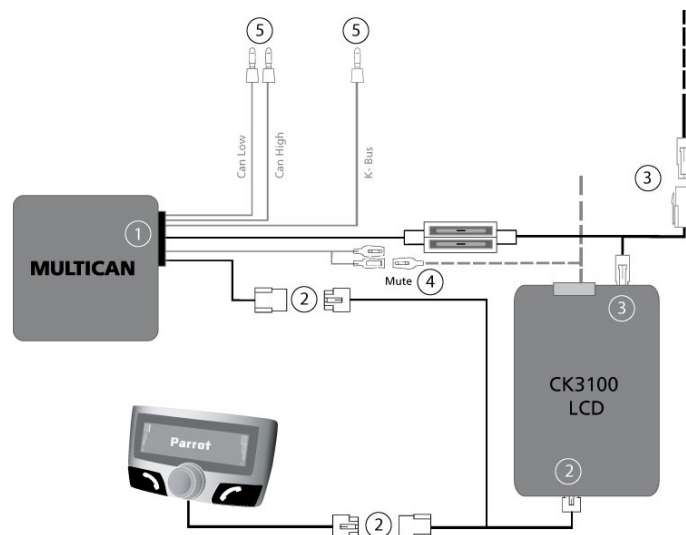
In this technical document, you will find all information for correctly install your MULTICAN interface.

**Important: Usually the 12v ignition is supplied by MULTICAN unit**

### CK3000 EVOLUTION



### CK3100 LCD



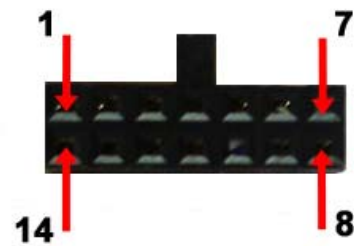


## MULTICAN interface

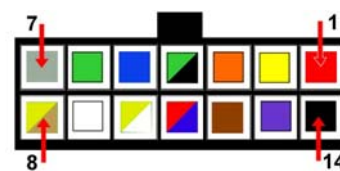


Connect the power cable of the MULTICAN interface to the 14-way connector of the MULTICAN interface.

N°	Colour	Description
1	Red	12v Permanent
2	Yellow	Mute input
3	Orange	12v Ignition
4	Green / Black	
5	Blue	
6	Green	Can High
7	Grey	
8	Yellow / Brown	
9	White	Can Low
10	Yellow / White	
11	Blue / Red	
12	Brown	
13	Purple	K-BUS
14	Black	Ground



Front view



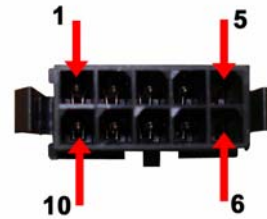
Back view

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## Keypad Adapter

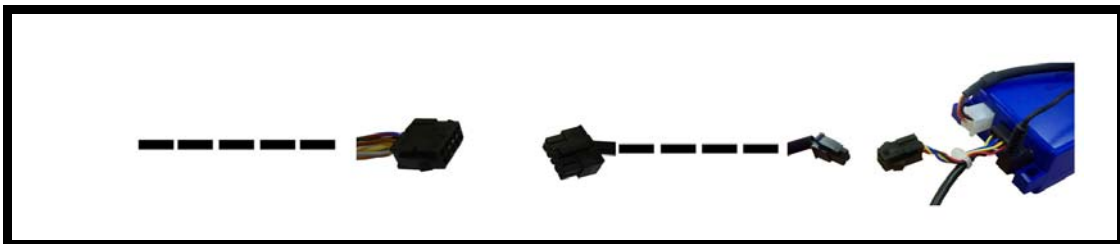
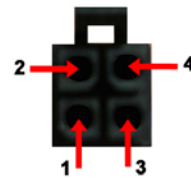
Join the connector of the kit's control keypad to the connector on the interface's power cable.

Pin Number		Colour
1	Yellow	Yellow / Brown
2	Grey	Grey
3	Yellow	Yellow / White
4	Yellow	
7	Brown	Brown
8	Blue	Blue / Red
9	Green	Green / Black
10	Blue	Blue



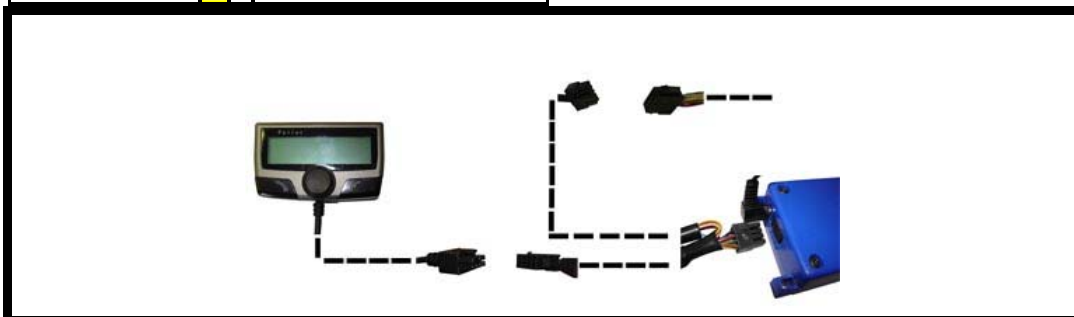
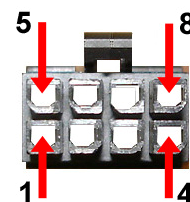
### CK3000 EVOLUTION

Pin Number		Colour
2	Green	Green
3	White	White / Yellow



### CK3100 LCD

Pin Number		Colour
1	Black	Black
2	Red	Red / Blue
3	Green	Green / Black
4	Brown	Brown
5	Green	Green / Red
6	Grey	Grey / Black
7	Blue	Blue
8	Yellow	Yellow / Red



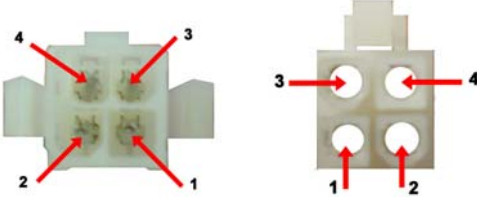
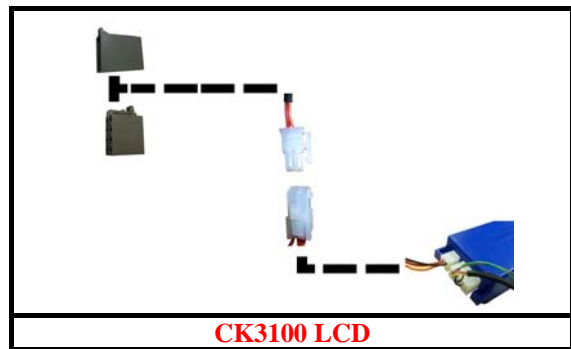
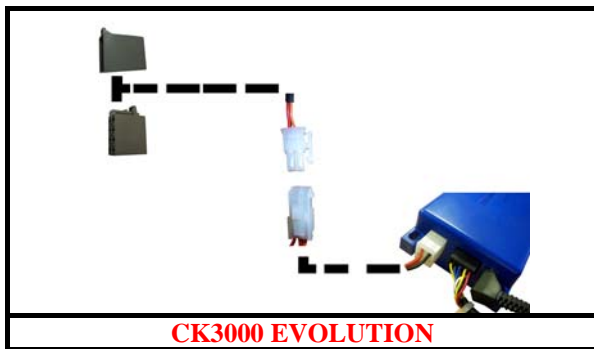
Connect the LCD harness to the adapter.

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**Supply connections**

**Important:** Usually the 12v ignition is supplied by MULTICAN unit

Pin Number	Colour	Description
1	Red	12v Permanent
2	Black	Ground
3	Orange	12v Ignition

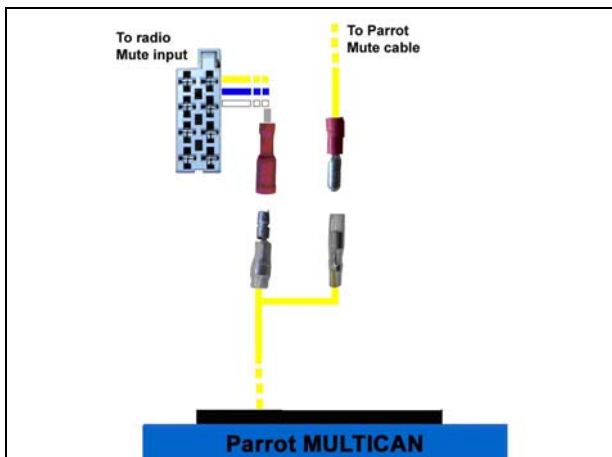



Connect the MULTICAN interface's power cable to the Parrot control unit and to the power cable of the hands-free kit.

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**Mute input**

Colors	Cable	Description
Yellow	Mute cable	Mute Output
Yellow	MULTICAN cable	Interface Mute input
White	ISO Power cable	Mute input 1
Yellow	ISO Power cable	Mute input 2
Blue	ISO Power cable	Mute input 3



Connect the yellow mute wire of the MULTICAN interface :

- To the Parrot yellow mute wire
- And to the car stereo's mute input if applicable

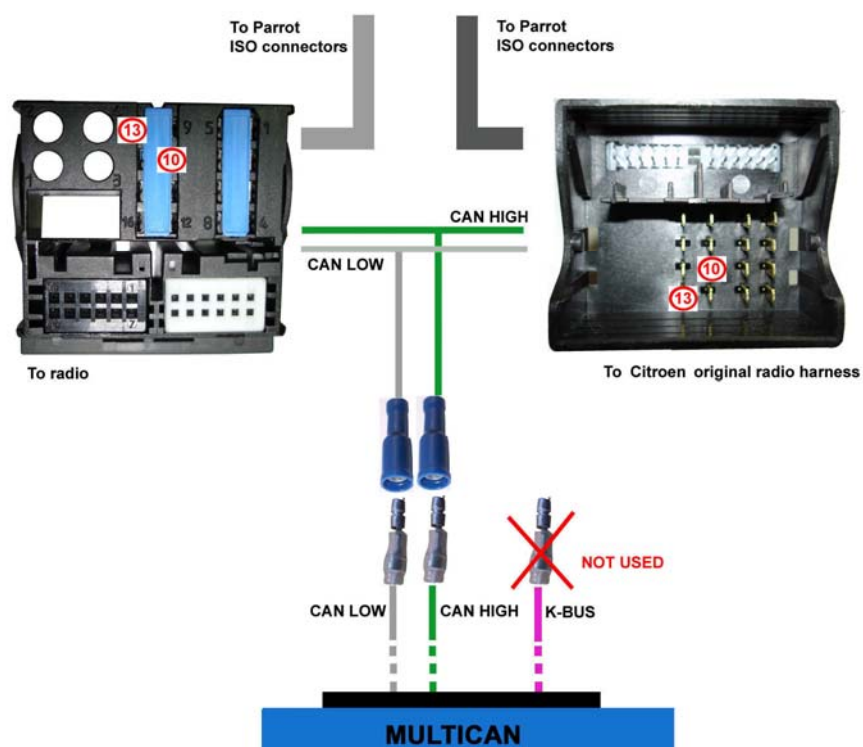
Notes:

If you don't know where your mute input is, see the usual guide of your radio or contact your Citroen dealer for having the correct position of mute input.

## CAN Configuration Citroen

The wires corresponding to the CAN protocol must be connected correctly to your car stereo's CAN information. It is important to follow the wiring diagram for your vehicle. We would advise our customers to have the interface fitted by a professional.

N°		Color	Description
10		Green	CAN High
13		White	CAN Low
Not used		Violet	K-BUS



**Connect the green wire corresponding to CAN High to pin 10.  
Connect the white wire corresponding to CAN Low to pin 13.**