



**FOR R-LADDER  
BUS-EQUIPPED  
VEHICLES**

## Technical and commercial specifications

### Parrot MULTICOMM

Steering wheel mounted control kit

### Voltage specifications

Operating current: 12 volts (DC)

Maximum power consumption: 30mA

Stand-by mode: < 1mA

### Dimensions

Length: 57 mm - Width: 57 mm

Height: 20 mm - Weight: 100 gr

### Package content

1x Parrot MULTICOMM control box

1x R-Ladder bus cable

1x Female bullet terminal connectors

1x Installation guide

### Documentation

Directions for use, user guide on our site:

[www.parrot.com](http://www.parrot.com)

## Controls the Parrot Car Kits

The Parrot MULTICOMM uses the existing steering wheel mounted commands to control your Parrot *Bluetooth*® hands-free car kit. There is no additional visible part to install. The Parrot MULTICOMM only uses the existing car's steering wheel control buttons and they will be used both for the car receiver and the Parrot car kit without any interference. It exists one kit for the Parrot CK3000 EVOLUTION and another one for the Parrot CK3100 LCD.

## Large compatibility

The Parrot MULTICOMM operates with all kinds of R-Ladder steering wheel controls and is currently compatible with many car brands. The list of brands and models is available on the site: [www.parrot.com](http://www.parrot.com)

## Full integration

With the Parrot MULTICOMM interface, keep controlling the car receiver from the steering wheel. The Parrot MULTICOMM can be taught to adapt itself to any resistive communication protocol (not CAN bus). And if the steering wheel doesn't have enough buttons, the Parrot MULTICOMM uses a specific combination of buttons to compensate for the missing ones. Using the MULTICOMM with the Parrot CK3000 EVOLUTION allows removing the user interface, and getting a fully invisible *Bluetooth* hands free solution!

## The R-Ladder technology

The R-Ladder protocol is the equivalent of the CAN Bus protocol for car but with resistive transmission bus. This technology is especially dedicated to the automotive environment, using different protective methods against noise and interferences. Created to connect and interface all control units, the R-Ladder protocol offers a strong resistance to magnetic fields and other car disturbances.