META SYSTEM ®

Parking Sensor Range

Meta CAN BUS Utility VW

Look

THE PRODUCT

General Description

Meta System Parking Sensors range can now be connected to **VW**, **Seat** and **Skoda** vehicles, through a new communication technology.

This communication is possible through the **CAN BUS UTILITY interface module**, that provides, as very innovative feature, the visualization of the obstacle on the display of the car combining acoustic and visual signals.
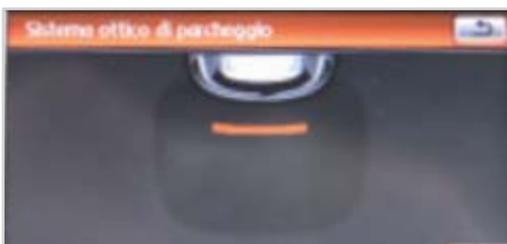
The system interacts with the car, automatically showing the display front and rear, depending on the type of installation performed (rear, front or rear and front only).

You will get the same display result as in the original parking system.

Display Configuration

Like the OE parking system, the display will take place automatically and will show only the rear parking system detection, in case you have installed only rear parking system. Or it will show the whole car in case of installation of both systems; front and rear.

Parking MetaSystem

Parking Systems Range

The **CAN BUS UTILITY interface module** has been developed for the SAFETY range of Meta System. The parking systems can be combined with the maximum compatibility, allowing a choice between different rear systems.

MODEL	APPLICATION
Meta ActivePark (ABP0013)	REAR
Meta ActivePark Plus (ABP0300)	FRONT/REAR
Meta EasyPark (ABP0357A)	REAR

In addition to displaying the visual signals on the car radio, the can module will also optimally manage the front parking system by can bus decoding; that allows to turn off the front system automatically when the selected speed is exceeded, and it will not detect unnecessary obstacle when the car is stopped and blocked by the hand brake (this way also the visual signals will not be displayed on the car radio).

Function

REAR INSTALLATION

Parking System: Meta ActivePark (ABP0013), **Meta EasyPark** (ABP0357A)

The system is activated and deactivated through the reverse gear.

Deactivating the reverse gear, you will disconnect the rear parking system.

FRONT AND REAR INSTALLATION

Parking System:
    FRONT - **Meta ActivePark Plus** (ABP0300)
    REAR - **Meta ActivePark** (ABP0013) or **Meta EasyPark** (ABP0357A)

The system is activated with the reverse gear and with the dashboard ON.

The front system will be automatically deactivated when the selected speed is exceeded.

The rear system will be disactivated when the reverse gear will be deactivated.

The front system will be deactivated by pulling up the handbrake.

The front system can be managed by the push button included in the kit (Meta ActivePark Plus).
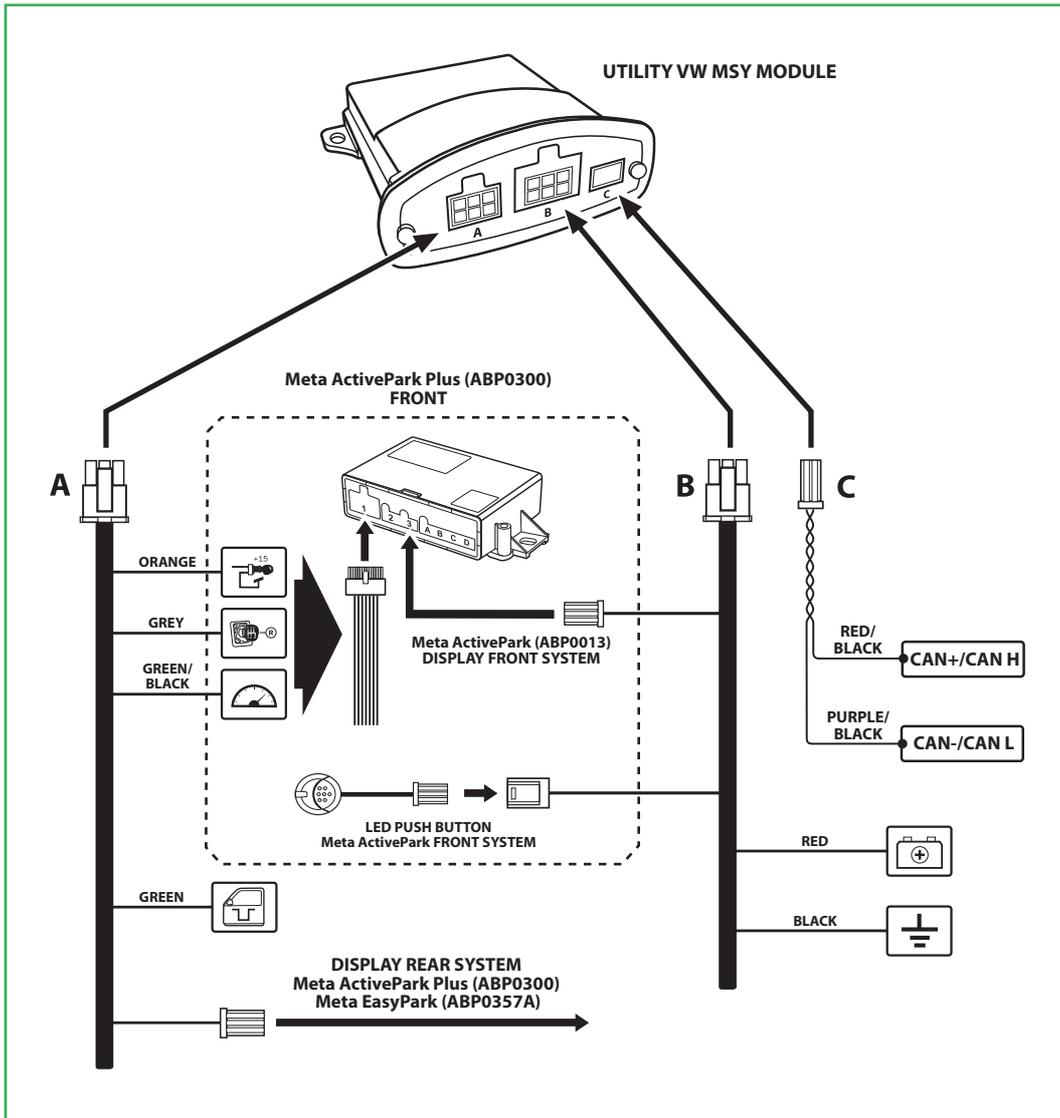
Range of Car Radio

BRAND	MODEL		COMPATIBILITY/SUGGESTED LINK
Volkswagen	RCD210		**NOT COMPATIBLE**
Volkswagen	RCD310		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Volkswagen	RCD510		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Volkswagen	RNS310		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Volkswagen e Seat	RNS315		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Volkswagen e Seat	RNS510		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Skoda	AMUNDSEN		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Skoda	COLUMBUS		**COMPATIBLE** **Suggested link:** Behind the car radio on 100KHz line
Skoda	SWING		**COMPATIBLE** **Suggested link:** On 500KHz original PDC line (GATEWAY)
Skoda	BOLERO		**COMPATIBLE** **Suggested link:** On 500KHz original PDC line (GATEWAY)

Display

	Meta ActivePark Plus	Meta ActivePark	Meta EasyPark	DISPLAY
FRONT INSTALLATION	✓			
REAR INSTALLATION		✓	✓	
FRONT & REAR INSTALLATION	✓	✓	✓	

CONNECTIONS

UTILITY VW MSY MODULE

A B C

**Meta ActivePark Plus (ABP0300)
FRONT**

1 2 3 A B C D

**Meta ActivePark (ABP0013)
DISPLAY FRONT SYSTEM**

ORANGE — +15

GREY — ®

GREEN/
BLACK

**LED PUSH BUTTON
Meta ActivePark FRONT SYSTEM**

RED/
BLACK — CAN+/CAN H

PURPLE/
BLACK — CAN-/CAN L

GREEN

RED — ⊕

BLACK — ⏚

**DISPLAY REAR SYSTEM
Meta ActivePark Plus (ABP0300)
Meta EasyPark (ABP0357A)**

Notes

When the original rear parking system (VW) is present, it will not be possible to install the **CAN BUS UTILITY interface module** with Meta ActivePark Plus.

The **CAN BUS UTILITY interface module** installed on Audi vehicles allows to convert the signals in order to work as speedometer can convereter with Meta ActivePark Plus, but it does not allow to display the visual signals on the original car radio.

CODE: ABP04300 MOD.CAN-CONV. X ACTIVEPARK F+R(VW)

FACTORY SET-UP: Meta ActivePark

FACTORY SET-UP CAN BUS: Audi, Volkswagen, Seat and Skoda

SOFTWARE: if you have the parking system Meta EasyPark you must update the **CAN BUS UTILITY interface module** with the specific software available in the technical area of the site www.metasystem.it

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UPDATING CABLE SW: ABP04900

INSTRUCTION:
   included in the kit: Meta ActivePark/Meta EasyPark > language IT/EN
   web: Meta ActivePark/Meta EasyPark > language FR/DE/ES/NL/DK

Technical Features

Supply	12 Vcc (10V-15V)
Displaing consumption	< 70 mA (only +15 ON)
Consumption with +15 OFF	< 0,36 mA
Temperature	-40°C ÷ +85°C
CAN BUS compatibility	High Speed (500 KHz) Low Speed (100 KHz)
Updating	complete via web through accessory (ABP04900)
Doors CAN BUS output *	negative signal 2s

[*] **DOORS CAN BUS Signal:** function allows you to have a negative analogic signal of 2s duration located on the green wire. It will be activated when one of the vehicle's doors will be opened.
Note: The signal is available only on 100Khz can bus connection.

Parking MetaSystem

CUSTOMER CARE

Warranty

All products have a three (3) years warranty against manufacturing defects included in the price.

Moreover, in the remote event of a failure, most problems can be resolved right on the first service call or simply by exchanging the failed product (EXCHANGE FORMULA).

Help Desk

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www.metasystem.it

Parking MetaSystem

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Group

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