



DASHcontrol 2

for dashboard testing

Designed as standalone device for dashboard testing. Works with BMW, Renault and Mercedes dashboards with CAN connection.

Operation:

- select dashboard type using switches located on DASHcontrol2,
- connect dashboard to DASHcontrol2 - CAN wires, power supply for DASHcontrol2 and dashboard itself,
- press button to start,
- to select next operation mode press button shortly. Current mode is indicated by **YELLOW** led blink count,
- to switch device off press button until **GREEN** led goes off.
- In case of error (wrong CAN connection, no communication with dashboard etc.) DASHcontrol2 turns off itself after 2 seconds of unsuccessful operation.

Modes of operation / dashboard connector pinouts:

1. Renault dashboard

switch: **OFF OFF OFF OFF**

1. "IGN ON", test 1
2. "IGN ON", test 2
3. "IGN ON", test 3

Connector:

Scenic, Laguna:

- CAN H: 30
- CAN L: 29
- **+12v**: 1
- GND: 2

Megane:

- CAN H: 1
- CAN L: 4
- **+12v**: 15
- GND: 30

2. BMW E6x

switch: **OFF OFF OFF ON**

1. "IGN ON" message
2. "OFF" -> "ACC" -> "IGN ON", cycle
3. dimmer test: cyclic
4. full dashboard test - old FW E6x
5. full dashboard test - new FW E6x

Connector:

- CAN H: 6
- CAN L: 7
- **+12v**: 9
- GND: 18

3. BMW Fx

switch: **OFF OFF ON OFF**

1. "ACC"
2. "IGN ON"

Connector:

- CAN H: 6
- CAN L: 12
- **+12v**: 1,2
- GND: 7,8
- 15wup: 11

NOTE: connect dashboard, turn on DASHcontrol2 (any mode), apply shortly **+12v** to 15wup

4. Mercedes 212/218/207/204/x204/204(2011up)

1. "IGN ON"
2. needle test
3. warning lights on/off

switch: **OFF OFF ON ON**

Connector:

- CAN H: 13
- CAN L: 12
- **+12v:** 9
- GND: 1

5. Mercedes 221/216

1. "IGN ON"
2. needle test
3. TFT display test

switch: **OFF ON OFF OFF**

Connector:

- CAN H: 13
- CAN L: 12
- **+12v:** 9
- GND: 1

6. Mercedes 164/251

1. "IGN ON"
2. needle test
3. warning lights on/off

switch: **OFF ON OFF ON**

Connector:

- CAN H: 13
- CAN L: 12
- **+12v:** 9
- GND: 1

7. Mercedes W906

1. "IGN ON"
2. needle test
3. display + backlights on/off

switch: **OFF ON ON OFF**

Connector:

- CAN H: 13
- CAN L: 12
- **+12v:** 9
- GND: 1

10. BMW E65 dashboard

1. "IGN ON"
2. "OFF" -> "ACC" -> "IGN ON" cycle
3. full dashboard test

switch: **ON OFF OFF ON**

Connector:

- CAN H: 6
- CAN L: 7
- **+12v:** 9,10
- GND: 19,20

15. BMW ignition message @ 500kb (E6x, PT-CAN, D-CAN)

1. "IGN ON"
2. "ACC"
3. "OFF"

switch: **ON ON ON OFF**

16. BMW ignition message @100kb (E6x, FT-CAN)

1. "IGN ON"
2. "ACC"
3. "OF"

switch: **ON ON ON ON**

