

Link do produktu: <https://bizongarage.pl/canchecked-display-mfd15-gen2-for-nissan-patrol-gyg1-lhd-1997-2013-p-6240.html>



## CANchecked Display MFD15 Gen2 for Nissan Patrol GYG1 LHD 1997-2013

Cena brutto	<b>1 499,99 zł</b>
Cena netto	<b>1 219,50 zł</b>
Dostępność	<b>Na zamówienie</b>
Numer katalogowy	<b>331502165</b>
Kod producenta	<b>CC59005</b>

### Opis produktu

With this vehicle-specific CANchecked MFD15 Gen2 data display for your Nissan Patrol GYG1 you always have all relevant values in view

The MFD15 Gen2 is equipped with an OLED screen, which offers best readability even in direct sunlight. This kit is supplied with a vehicle-specific bezel and a connection kit. It is operated using the two push buttons on the faceplate. You can also connect our optional rotary knob.

### Key Features

- *Compact design:* 52 mm in diameter and only 12.5 mm deep
- *Faceplate-mounted LED:* The LED on the front of the display can be used as a shift light and/or as a warning LED
- *Can Bus:* Support of Can Bus ECUs, own Can streams and from 2008 on OBD2 and deep values for VAG-cars
- *WiFi:* connect to your smartphone or PC and configure it using our Web App
- *Additional inputs:* connect up to 6 analog sensors to the inputs or connect an ethanol sensor\* directly to the display
- *Preset Alarms:* predefined alarms can be easily activated and customized. For example, get a big alert when the exhaust gas temperature is above 900 degrees.
- *Customization:* Use your own startup logo and color scheme to make it your MFD15 Gen2
- *Online logging\*:* Log your data with your smartphone or PC and save the log to your device for later analysis
- *Flex Fuel\*:* View ethanol content and temperature on your display
- *Can Switching\*:* Switch can switches using the buttons on your display and forward the readings from your analog inputs to the can bus

### Different views

Choose up to eight pages of different views and customize your display to best suit you and your vehicle:

- Analog pointer
- Double value
- Gear indicator
- 4-fold values
- 6-fold values
- Bar + double display
- Round display
- Bar graph (double across)
- Performance Meter
- Bar chart (1-6-fold upright)
- Single value

## Configuration using Online Display Setup Software - oDSS

Brand new with our MFD15 Gen2 is access to the device via WiFi. So you can set up the MFD15 Gen2 via smartphone or PC.

With the oDSS you can set your display completely, log values (license required), upload your own startup image and also update the display.

## Supported values

A popular customer question is: Which values can I request from my ECU. The answer: ALL - your new MFD15 Gen2 is compatible with ISO 11898-2 and SAE J2284.

The ECU manufacturers themselves determine which values are sent via the CAN bus interface. Here the documentation is important - possibly even in the form of a DBC file that can be imported via our DSS. Of course, as a customer, you can access our extensive list of already implemented ECUs. In total, depending on the manufacturer, up to 64 sensors can be queried.

Of course, OBD2 queries via Can Bus (11bit/29bit) are also implemented. Vehicle specific protocols like UDS or TP2 are also available.

Included by default are:

- OBD2 - 11 and 29bit
- Ecumaster - Classic and Black
- VAG PQ34
- Haltech v2
- LinkECU
- MaxxECU
- Motec M1
- Emtron
- Megasquirt 2 and 3

If the desired ECU is not listed, you can download or request the appropriate TRI/TRX from our database.

For all VAG-cars from year of manufacture 2008 (in individual cases also older) we offer in-depth data queries by protocol. Values like oil temperature, boost pressure, transmission temperature, cylinder selective ignition angle return, high/low pressure, wastegate actuation and much more can be queried and displayed.

## Integrated LED

The internal LED can be used as a shift light as well as a warning LED.

As a shift light you can assign up to 8 different colors and speed limits as well as the speed at which the shift light starts to flash.

When configuring as a warning LED, you can assign a minimum and maximum value for each sensor. If the sensor is above the maximum value or below the minimum value, the LED flashes in the previously configured colour. The shift light is deactivated during the warning period.

## Scope of delivery and extensions

Included with every delivery:

- MFD15 Gen2 Datadisplay
- Vehicle-specific bezel for LHD vehicles
- Quickstart Guide
- Connector B (6-way Molex)
- Connector C (12-way Molex)
- Different coloured pre-assembled connection cables (length: 20 cm, intended use: power supply, Can Bus, analogue inputs, 5V, sensor ground)
- pins to crimp by yourself
- two 1K resistors (as pullup of NTC sensors)

Any sensors can be connected via the six analog inputs - we support linear 0-5V as well as NTC sensors.

The characteristic curves of our in-house CANchecked sensors are stored in the display by factory default and work plug and play:

- AIN1: Temperature sensor (NTC01)

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- AIN2: Transducer for exhaust gas temperature probe type K (TCC01)
- AIN3: Pressure sensor 0-10 bar (FLP01)
- AIN4: boost pressure sensor 0-5,5 Bar absolute (BST01)
- AIN5: not preconfigured
- AIN6: not preconfigured

For the connection you can use our pre-assembled 4-way AIN harness.

If you have the appropriate license\* you can additionally connect an ethanol sensor directly to the display via a separate pin.

## Optional accessories

- CC22501 ETK01 - external rotary knob with PnP 50 cm connection cable
- CC22100 CBD08 - eight-way Can Distribution Hub
- CC22780 ANC04 - four-way AIN-harness
- CC22902 NTC01 - temperature sensor for liquids 1/8 inch NPT
- CC22903 TCC01 - type K transducer 0-1250°C
- CC22901 FLP01 - Pressure sensor 0-10 Bar (145psi) M10x1
- CC22900 BST01 - Pressure sensor 0-5,5 Bar absolute (80psi)

## \*Additional licenses

### Live Logging of the MFD15 Gen2

With the additional license "Live Logging", your display can log the data of the sensors into the oDSS. Then you can download the log as a file to your smartphone or PC.

All sensors are logged in the log (**ATTENTION: for OBD and UDS only the currently displayed ones!**). Select the sensors you want to display graphically.

### Flex Fuel Ethanol Sensor directly on the MFD15 Gen2

With the additional license for the ethanol sensor, you connect the sensor directly to the display. You need a pullup resistor (10K) between 5V and the signal.

Now you can see the ethanol content as well as the fuel temperature and also log it.

### Can Switching and AIN forwarding

With the additional license for Can Switching and AIN forwarding you can use the keys of your display or the rotary knob to switch Can Switches and apply the input voltages of your analog inputs to the Can Bus.