

Display DDU 2

The DDU 2 is a light dashboard controller with an integrated display unit, providing the driver with various types of information.

The basic model contains 6 different pages, programmable warning message for exceeded limits, shift up- and warning lights. These features are fully programmable to correspond to individual customer requirements.

Additional to the functions of the “Basic”-version the “Night”-version offers variable brightness.

As well we developed a cost-optimized version of the display unit. This “Light” version offers 3 different pre-programmed fixed pages and refrains from a link to an application tool.



Graphic module

LCD display with high contrast (320 x 240 pixels)	
CFL illumination	
Dot size (mm)	0,3 x 0,3
Visible display (mm)	100 x 75 (4,7 inches)

Mechanical design

Dimensions (mm)	172 x 125 x 36
Weight	495 g
Dust and water proof housing	
2 LED for warning lights	
5 LED for shift up indication	

Electronic design

1x CAN interface for data transfer (reconstruction from CAN to K-Line possible)
1x RS 232 interface for programming
1x input for wheelspeed (Ind./Hall)
1x input for engine revolutions (Ind./Hall)
1x 5 V output for sensor supply
8 inputs 0 V-5 V (analog/digital)
8 programmable pullup resistors for analog inputs
2 switch outputs (pushpull 0,5 A)
5 outputs for external shift up indication (open collector, 100 mA)
7 outputs for external 7-segment display (1 Digit , open collector, 100 mA)
1x internal temperature measurement (NTC)

Conditions for use

Vibration	6 g/20 ... 2000 Hz
Temperature	-10 ... +65°C

Variations**DDU 2-Basic:**

up to 6 different programmable displays
programmable warning messages for exceeded limits
2 warning lights
shift up lights
for generating displays and programming warning lights a tool is available

DDU 2-Night:

Basic with variable brightness

DDU 2-Light:

3 different displays, not programmable
2 warning lights
shift up lights
warning messages for oil temperature,
oil pressure, water temperature and fuel pressure

Switches

Dimmer switch LED	B 261 209 647
Dimmer switch display	B 261 209 646
Display position switch	B 261 209 144
Display toggle switch	on request

Order numbers

DDU 2-Basic	B 261 208 575
DDU 2-Night	B 261 208 573
DDU 2-Light	B 261 208 579