



**LPP**  
HOLDING



# DISPLAY DRIVER UNIT

NAVIGATION AND DIAGNOSTICS INTERFACE  
**VETRONICS**

The LPP Display Driver Unit (DDU) provides drivers with real-time navigation and critical vehicle data. Integrated with our Inertial Navigation Unit, it ensures accurate tracking even in GNSS-denied environments. The DDU also offers real-time condition updates and maintenance recommendations via a predictive diagnostics system. Featuring a 7-inch touchscreen and 8 programmable buttons, it delivers intuitive control and reliable monitoring.

## MAIN FEATURES

- + Human-machine interface that provides real-time navigation and vehicle condition updates.
- + Integrates with the LPP Inertial Navigation Unit to offer location tracking even in GNSS-denied areas.
- + Paired with a diagnostic unit, it delivers condition updates and predictive diagnostics recommendations.
- + Equipped with a 7" touchscreen and 8 programmable buttons, it ensures easy control and monitoring.
- + The unit is an integral part of the LPP Vehicle Information Battle Management System.



### Physical and Operational Parameters

Weight	1040 g	Screen	7" QLED capacitive touch
Height	216 mm	Display Resolution	1024 x 600
Width	125 mm	Input Voltage	28 VDC
Depth	57,5 mm	Operating temperature	0°C to +70°C
Mounting Option	VESA standard 75x75	Storage temperature	-40°C to +75°C

Environmental Characteristic	Specification
Temperature (Operational)	MIL-STD-810G: 0° to +75° C
Temperature (Storage)	MIL-STD-810G: -40° to +75° C
Vibration	MIL-STD-810G 'Operational Service' as for Category 20 Ground vehicles MIL-STD-810G 'Transportation' as for Category 6 Large Assembly Cargo
Shock	MIL-STD-810G 'Procedure I - Functional Shock' of 40g as for Ground Equipment
Humidity	MIL-STD-810G 'Procedure I - Natural' of 80%RH at 40°C
Sand & Dust	MIL-STD-810G 'Dust (<150^m) Procedure' as for Ground Vehicle
Electromagnetic Compatibility	MIL-STD-461F Class B
Altitude	MIL-STD-810G 'Procedure I - Storage/Air Transport' up to 15000 meters (50000 feet)
Input Voltage	28VDC MIL-STD-1275D
Rainproof	MIL-STD-810G method 506-5
Solar Radiation	MIL-STD-810G 505.5



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