



PCAN-MiniDiag FD



Quick Start Guide

Operation

Voltage Supply

Insert the three supplied AAA batteries into the battery case on the underside of the device.

CAN Connection

Connect the PCAN-MiniDiag FD to a CAN bus via the D-Sub connector on the rear of the device. The pin assignment corresponds to the specification CiA[®] 106 (pin 2: CAN-Low, pin 7: CAN-High).

Switching On and Off

Press the Enter key once to switch on the PCAN-MiniDiag FD. Press and hold the Enter key for three seconds to switch the device off.



Operating the Device

Navigating between device functions and selecting settings.



Opening the options of the current device function or discarding changed settings.



Executing actions or confirming changed settings.



Device Functions

The PCAN-MiniDiag FD has nine functions for basic diagnosis and checking of CAN and CAN FD buses.

- **System Info:** Indication of firmware and hardware version, serial number, and battery voltage

- **D-Sub Voltages:** Voltage check at the pins 6 and 9 in the range from -40 to 43 V
- **CAN Min/Max:** Measurement of minimum and maximum voltage values for CAN-High and CAN-Low in the range from -5 to 8 V
- **CAN Voltages:** Measurement of dominant and recessive levels for CAN-High and CAN-Low in the range from -5 to 8 V
- **CAN Voltages 2:** Measurement of minimum, mean, and maximum values of the dominant and recessive levels
- **Termination:** Measurement of termination on the CAN bus
- **Bit Rate:** Automatic detection or manual configuration of the bit rates
- **Bus Load:** Measurement of the CAN bus load with display in diagram
- **Statistics:** Counter for CAN, CAN FD, and error frames

Attention! Do not apply voltages out of the measuring ranges in order to avoid damage to devices and persons.

Simplified EU Declaration of Conformity

PEAK-System Technik GmbH declares: The product PCAN-MiniDiag FD (IPEH-003070) is in compliance with the EU directives 2014/30/EU (EMC) and 2011/65/EU (RoHS 2) + 2015/863/EU.

The full text of the EU Declaration of Conformity can be found in the detailed documentation of the PCAN-MiniDiag FD.

Documentation

You can open the detailed documentation of the PCAN-MiniDiag FD with this link:



www.peak-system.com/quick/Doc3070E



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