

PCAN-Diag FD diagnostic device

□ The new PCAN-Diag FD is a handheld diagnostic device for CAN 2.0 and CAN FD busses that allows the examination on the physical and on the protocol layer. A funded analysis is done by the scope function and further measuring functions for voltage and termination. The examination of the CAN communication can be done by the display of CAN and CAN FD messages, a bus load measurement, or the recording and replay function for the CAN traffic.

For all information about the PCAN-Diag FD, just click on the following link: www.peak-system.com/quick/CiA-CPG-4

Specifications (short version):

- High-speed CAN connection (ISO 11898-2)
- Complies with the CAN specifications 2.0 A/B and FD (switchable support for ISO and Non-ISO)
- CAN FD bit rates for the data field up to 12 Mbit/s
- CAN bit rates from 25 kbit/s up to 1 Mbit/s
- CAN bus connection via D-Sub, 9-pin (in accordance with CiA® 303-1) with switchable CAN termination
- Display with 800 x 480 pixel resolution
- Device operation via a push dial and 4 buttons
- Memory card for saving projects, traces, and screenshots
- Power supply via the internal rechargeable batteries or the provided supply unit

Overview of functions (short version):

- Clear display of the CAN traffic with various information
- Configurable symbolic message representation
- Transmitting individual messages or CAN frame sequences
- Recording of incoming CAN messages
- Playback of trace files with optional loop function
- Automatic bit rate detection based on a fixed value list
- Switchable listen-only mode and silent startup function
- Measurement of the CAN bus load and termination
- Voltage measurement at the CAN connector (D-Sub) for pin 6 and 9

Oscilloscope functions (short version):

- Oscilloscope with two independent measurement channels, each with a maximum sample rate of 100 MHz
- Display of the CAN-High and the CAN-Low signals as well as the difference of both signals
- Trigger configuration to various properties of CAN messages like frame start, CAN errors, or CAN ID
- Decoding of CAN frames from the recorded signal trace
- Display of various properties and of measuring data of the decoded CAN frame

For more information about PEAK-System, please visit the manufacturer's website: www.peak-system.com

Contact

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Further distributors:
www.peak-system.com/quick/CiA

Features

No features listed.