CAN Bus Debugger

Portable CAN Bus Analyser, Tester & Logger

Model: CDH-100A

Overview

CAN Bus Debugger is a compact handheld tool for identifying physical and logical CAN Bus faults. Analyse, transmit, and log CAN traffic in standalone handheld mode or while connected to a PC via USB. The tool is powered by an internal battery for up to 6 hours of field use.

Key Features

- Physical layer bus health diagnostics with wiring and termination fault detection
- CAN 2.0A/B support in all modes
- CAN FD support in USB device mode*
- Real-time CAN Bus traffic monitoring
- Data logging (up to 32 GB storage)
- DBC file support for signal decoding**
- Automatic CAN 2.0A/B baud rate detection
- Bus load monitoring and visualisation
- Message transmission with periodic scheduling
- Programmable automation via onboard scripting
- Message fuzzing and bus stress testing
- CAN Bus traffic jamming for error handling validation
- OBD-II DTC scanning and clearing with custom description file support
- USB connectivity for PC integration

Technical Specifications

CAN Support	CAN 2.0A/B, CAN FD*
CAN Transceiver	MCP2558FD
Bit Rates	10 Kbps – 1 Mbps
FD Data Bit Rates	10 Kbps – 8 Mbps
Data Storage	Up to 32 GB
Display	3.5” 320×480 TFT LCD (non-touch)
Navigation	4 physical buttons
Connectivity	USB 2.0 High Speed
Operating Modes	Standalone, PC-connected
Battery	2000 mAh rechargeable Lithium Polymer
Battery Life	Up to 6 hours
Operating Temp.	0 to 40 °C
IP Rating	IP20
Dimensions	150 × 101 × 43 mm (L×W×D)

What’s Included

- CAN Bus Debugger tool (CDH-100A)
- microSD card for storage and configuration

** CAN FD only in USB mode, not handheld mode.*
*** DBC support excludes multiplexing and enums.*

Category: Electronic Test Equipment | **Contact:** ben@canbusdebugger.com
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