Getting started

CAT - CAN Analyzer Tool

communication ▶ interface

Approved by
General Motors

ACTIA®
I+ME ACTIA GmbH

CAT - CAN Analyzer Tool

I+ME ACTIA thanks you for having chosen our product

Serialnumber Hardware	Password Level X driver	Licence Key XS Sequencer	Licence Key XS Monitor	PcCANcontrol Password
Standard edition	add on software	add on software	add on software	add on software

Hardware

Product includes

CAT Hardware (12V)

Connector adapter cable for RS232 (D-Sub 9)

API, Drivers & Software

Product includes on CD

CAT (CAN Analyzer Tool) application

About it

CAT

CAT is a communication interface providing data link between a vehicle and a PC.

This communication interface enables to monitor and analyze the CAN bus data on a vehicle.

In addition to that 20 GMLAN Diagnostic services are implemented.

Designed & manufactured by

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Installation guide

Important before starting

Latest software

Please always check our Website to install the latest version of software.

Safety instructions

Please read all safety instructions

- Do not use the equipment when the environment temperature is higher than +55°C and less than +/- 0°C.
- Voltage via external power supply: 8..16 V DC.
- Do not get in contact with fluid.(water, acid, solvent,etc.)
- Do not drop the equipment.
- Always unplug equipment from electrical power supply when not in use.
- To reduce the risk of fire, do not operate equipment in the vicinity of open containers of flammable liquids (gasoline).
- Variation and deviation of external voltage outside admissible tolerances can damage the equipment.
- For cleaning the equipment from the outside a damp cloth with mild cleaning agent can be used. Do not use solvent.

Start

Software requirements 1.

You need Internet Explorer, Netscape or other internet browser.

Software installation 2.

Insert CD ROM, the CD starts up automatically. If automatic function is disabled please open the file “index.htm” manually.

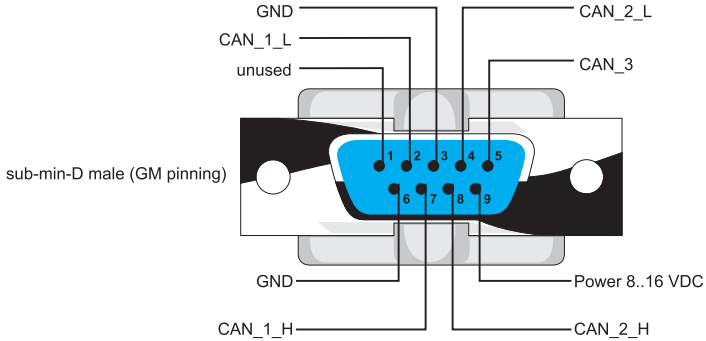
Choose the menu item “Software” and go to the required product (make sure to choose the right operating system). Click the file and validate the requested execution.

Once the file is started, follow the installation instructions on the screen. If necessary type in your personal license key or password.

Hardware installation 3.

Plug in the host interface (adapter cable) and the CAN interface which is also responsible for power supply. When the connection is OK, the LED is blinking permanent red. Then start your application. The LED is now blinking red-green- break.

Vehicle Interface connector



Technical Data

- transfer rate CAN: up to 1 MBit/s
- performance: up to 100% busload at 1 MBit/s
- transfer rate RS232: up to 115,2 kBaud
- dimensions: 95,5mm x 41mm x 20mm
- weight: ca. 80g
- temperature range: 0 to +70° C
- housing: plastic
- power supply: 8 ... 16 VDC (via power jack or CAN bus connector)
- power consumption: max. 250 mA at 12VDC (typ. 70mA)
- microcontroller: C165
- memory: 1 MByte SRAM
- CAN controller: SJA 1000

Connectors

- Network: 9- pin Sub- Min- D (CiA) or GM specific (extended CiA pinning)
- RS232: 25- pin Sub- Min- D for RS232 9- pin Sub- Min- D for RS232 (via adapter cable)

Network physical interfaces

- CAN 1: ISO 11898 (82C251)
- CAN 2: ISO 11898 (82C251)
- CAN 3: SWCAN (GMW 3089)

EU Consumer notice

The I+ME ACTIA product you have purchased is subject to Directive 2002/96/EC of the European Parliament and the Council of the European Union on waste electrical and electronic equipment (WEEE) and, in jurisdictions adopting that Directive, is marked as being put on the market after August 13, 2005, and should not be disposed of as unsorted municipal waste.
Please utilize our local WEEE collection facilities in the disposition of this product and otherwise observe all applicable requirements.

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