

elprosys
automotive



ELP5 PRO - VCI

Vehicle Communication Interface

ELP5 PRO - VCI is a state-of-the-art interface made to link a host PC/Android based device with a vehicle's diagnostic connector.

This incredible VCI allows fast and reliable diagnostics, flashing and other complex programming operations.

MODES OF OPERATION

MODE 1 – Pass-Thru interface device supporting standards:

- J2534-1 Pass-Thru Vehicle Programming API
- J2534-2 Optional Pass-Thru Features API (partial)

MODE 2 – Stand-alone device controlled by DiagProg® software running on an Android based host

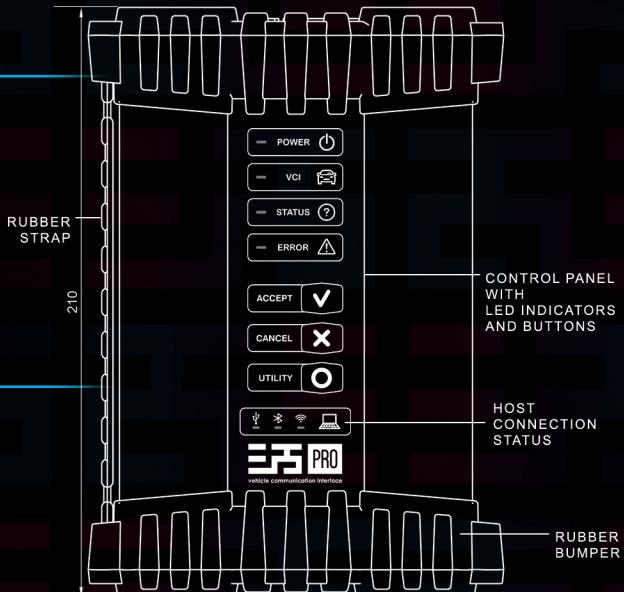
INTERFACE PROTOCOLS

• ISO 11898 – CAN-FD 5Mbps	• SAE J2818 – KWP1281
• ISO 11898-3 – Fault Tolerant CAN	• SAE J2819 – TP2.0
• ISO 15765 – Diagnostics on CAN	• SAE J2284 – High-Speed CAN
• ISO 13400 – DoIP	• SAE J2740 – GM UART
• ISO 14230 – KWP2000	• SAE J1850 – VPW/PWM
• ISO 14229 – UDS	• SAE J2610 – Chrysler SCI
• ISO 9141 – K & L Lines	• SAE J2809 – Honda DIAG-H
• SAE J2411 – Single Wire CAN	• Chrysler CCD



HARDWARE INTERFACE

- CAN – 3 independent channels
- UART – 3 independent serial communication channels
- J1850 – 1 channel
- Slot for Expansion Board for future/custom standards
- Nearly unlimited configuration options

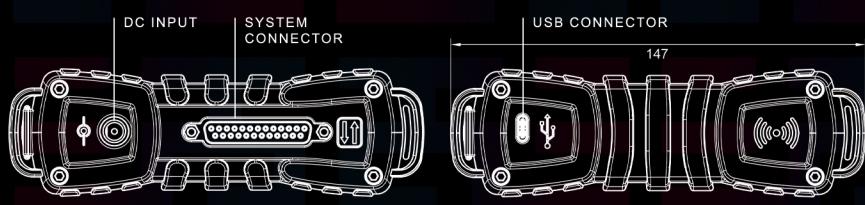


CUSTOM SYSTEM INTERFACE

- 9 x Programmable Multifunction Input / Output / Bidirectional pins
- Pull-ups, pull-downs, „open-drain”, Schmitt trigger options
- SPI, UART, I2C, 1-Wire, JTAG, BDM, High Speed Clock

HOST INTERFACE

- 802.11 a/b/g/n/ac WiFi 2.4/5GHz
- Bluetooth 4.2 EDR
- USB 2.0 Hi-Speed (USB-C connector)
- WiFi Direct



DIAGPROG5

Diagnostic Tester for Automotive Easy, fast & safe vehicles programming

DiagProg5 diagnostic tester is the latest generation device from the most popular DiagProg series that offers flexibility and comfort while maintaining ease of use.

This innovative equipment includes the ELP5 PRO - VCI and the rugged, intelligent Android tablet running our amazing DiagProg5 software.

DiagProg5 allows to read and erase OBD system errors DTC's, reset engine oil inspections, and clear accidents. It can also easily work with various EEPROM chips and FLASH memories.



DIAGPROG5 FUNCTIONS

- Reading and erasing Diagnostic Trouble Codes (DTCs) via OBDII.
- Reading and programming FLASH memory via OBDII.
- Reading and writing EEPROM memory via diagnostic connection.
- Vehicle modules repair.
- Engine oil inspection reset.
- Testing and adjusting instrument cluster's indications.
- Testing of electronic modules by diagnostic way.
- Programming electronic modules after repair, replacement or accidents.
- Clearing (erasing) accidents data.
- Reading and erasing of advanced service history.
- Programming of immobilizers, keys and remotes.
- Motohours inspection.
- Coding of additional features in the vehicle.
- Language alteration for dashboard and other modules.

DIAGPROG5 SOFTWARE

DiagProg5 software running on Android system inherits all technology and diagnostic advantages from the previous DiagProg4.

It features an intuitive interface and extensive vehicle coverage, significantly enhancing the diagnostic process for automotive professionals. Regular updates ensure compatibility with new vehicle models and the latest diagnostic protocols.

This software package makes the DiagProg5 a powerful, versatile, and reliable tool for precise vehicle diagnostics.



SUPPORTED MODULES

BDC • FEM • EZS • BSI • BCM • IC* • SRI • ABS/ESP • AIRBAG • CEM/DIM ZGW • GATEWAY • ECU/ECM/EDC • IMMOBILIZER

* IN CASE OF PROGRAMMING MILEAGE OR HOURS OF OPERATION, THE SOFTWARE MAY BE USED SOLELY FOR REPAIR-RELATED PURPOSES. HOWEVER, IN SOME COUNTRIES ANY CHANGES TO ODOMETER (CLOCK) READING OR TAMPERING WITH THE MILEAGE ACCURACY SHALL BE FORBIDDEN UNDER PENALTY. PURSUANT TO ART. 306a OF THE POLISH PENAL CODE, WHOEVER ALTERS ODOMETERS OF MOTOR VEHICLES OR TAMPERS WITH THE MILEAGE ACCURACY SHALL BE SUBJECT TO THE PENALTY OF DEPRIVATION OF LIBERTY FROM 3 MONTHS UP TO 5 YEARS. WHOEVER COMMISSIONS A THIRD PARTY TO PERFORM THE ABOVE-MENTIONED ACT SHALL BE SUBJECT TO THE SAME PENALTY.

DIAGPROG5

Diagnostic Tester for Automotive

Key features, benefits & technical data

The DiagProg is a highly regarded tool in the automotive industry, known for its advanced capabilities and comprehensive support for a wide range of vehicles.

Now, with the inclusion of the ELP5 PRO - VCI and the cutting-edge software, it solidifies its position as the leader in automotive diagnostics and programming.



DIAGPROG5 BENEFITS

Extensive Vehicle Coverage

- Supports more than 7000 vehicle modules, ensuring compatibility with a vast array of car makes and models.

OBDII Programming

- Vehicles are programmed via the diagnostic plug (OBDII), allowing straightforward and efficient connectivity.

Convenient Software Updates

- Software updates are possible via WiFi or USB 2.0, allowing easy and quick updates to the latest features and vehicle modules.

Dedicated Support Platform

- DiagProg5 offers a dedicated support platform for easy and fast technical assistance, ensuring users get help when they need it.

ELP5 PRO - VCI included

- Allows easy, fast and reliable diagnostics, flashing and other complex programming operations.

Powerful Software

- The enhanced processing speed and user interface lead to quicker diagnostics and programming increasing overall productivity.

Support in 8 languages: PL, EN, DE, FR, ES, IT, BR, PT.

ECU File Database Access

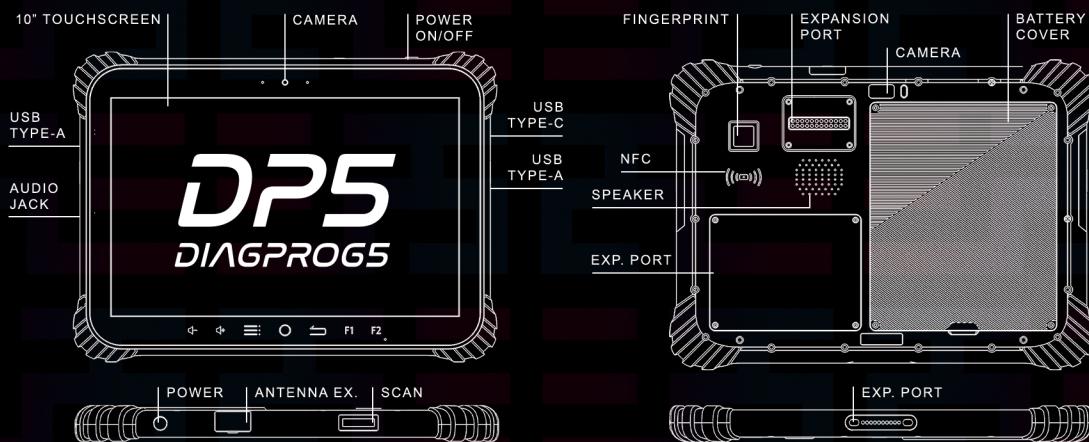
- Provides online access to an extensive ECU file database, ensuring users have the latest and most accurate information.

Professional Guarantee and Service

- DiagProg5 comes with a 24-months guarantee and professional service during and after the warranty period, providing peace of mind to users.

RUGGED TABLET LT800

The DiagProg5 software runs on the Android-powered LT800 tablet, offering durability and advanced features. It includes a clear touchscreen, a long-lasting battery, easy WiFi and Bluetooth connections, all within a user-friendly interface.



Technical Data

Operation System
Android 13 GMS

Processor
Qualcomm® SM4350 Octa Core

Memory
6GB +128GB

Keypad
8 Functions keys

Power Source
Li-ion battery 3.8V/11700mAH
3.8V-11700mAH

Communication
1*Micro SD, 2*SIM
1*USB Type C, 2*USB Type A
Bluetooth® 5.1
WLAN, NFC, WiFi, GPS, WWAN

Dimensions and weight
10" 256 x 188 x 18mm, 950g

Storage temperature
-20°C~60°C (-4°F~140°F)

DIAGPROG5

Diagnostic Tester for Automotive

Available packages and contents

We offer a variety of DiagProg5 packages tailored to meet the specific needs of our customers and the markets they operate on.

With flexible options, customers can select the right set of features that best suit their requirements, enabling effective and precise vehicle diagnostics.

DIAGPROG5 SET INCLUDES

- ELP5 PRO – VCI Vehicle Communication Interface
- Tablet LT800 with the DiagProg5 Software
- Set of organizers with cables and other accessories*

*Contents of the organizers depend on DiagProg5 package.



DIAGPROG5 PACKAGES

PACKAGE PREMIUM • PACKAGE OBDII • PACKAGE OBDII LITE • PACKAGE AUDI/SEAT/SKODA/VW

PACKAGE BMW • PACKAGE CI2 CLIP • PACKAGE MERCEDES • PACKAGE MERCEDES – SLIM

PACKAGE FORD • PACKAGE RENAULT • PACKAGE EASTERN ASIA • PACKAGE PERSONAL

PACKAGE GM/FORD/CHRYSLER – USA • PACKAGE USA

DIAGPROG5 PACKAGE PREMIUM

The Premium package is the top-tier variant of DiagProg5, designed for professionals who demand the highest level of functionality and coverage. This package supports the most extensive range of vehicle modules, providing comprehensive diagnostics across a wide variety of makes and models.

DiagProg5 Premium package includes a full set of accessories and cables.



CONTENTS OF THE ORGANIZERS



ELP5 PRO – VCI

- Tablet LT800
- D3 Cable
- USB Link
- Cable CI2
- Cable C22
- Power supply adapters

Full set of cables and adapters



- C1, C2, C3, C5, C6, C7, C8, C9, C10, C11, C13, C14, C18, C19, C21, C23
- D18, D19, D20, D21, D23, D24, D25, D26, D27, D28, D29, D30, D31
- D2, D4, D6, D7, D8, D9, D10, D11, D12, D14, D15, D17
- + Parallel Adapter, Key Programmer

List of countries/areas supported by authorized Dealers

NORTH AMERICA

CANADA - MEXICO - USA

EUROPE

ALBANIA - AUSTRIA - BULGARIA - BOSNIA - CROATIA
CYPRUS - CZECH REPUBLIC - DENMARK - ESTONIA - FRANCE
GERMANY - GREECE - HUNGARY - IRELAND - ITALY - LATVIA
LITHUANIA - MACEDONIA - MOLDOVA - MONTENEGRO
NETHERLANDS - NORWAY - POLAND - PORTUGAL - ROMANIA
SERBIA - SLOVAKIA - SLOVENIA - SPAIN - SWEDEN
UNITED KINGDOM - UKRAINE - TURKEY

SOUTH AMERICA

ARGENTINA - BRAZIL - COLOMBIA
ECUADOR - VENEZUELA

AFRICA

MIDDLE EAST - MOROCCO

ASIA

CHINA - HONG KONG - LEBANON - OMAN
RUSSIA - SAUDI ARABIA - SINGAPORE
SRI LANKA - OMAN - TAIWAN - TURKEY
UNITED ARAB EMIRATES

AUSTRALIA & NEW ZEALAND

FULL LIST OF ELPROSYS DEALERS:



SCAN THE CODE
AND VISIT
OUR ONLINE SHOP



VISIT US / BESUCHEN SIE UNS / VISÍTANOS / ODWIEDZ NAS



elprosys
automotive

Elprosys Sp. z o.o.
Tarnogórska 140,
44-102 Gliwice, Poland

tel. +48 32 301 2 301
tel. +48 531 515 855
office@elprosys.com