

LAUNCHtech UK Ltd

the name in vehicle diagnostics & workshop equipment

LAUNCH X-431



The X431 hand-held diagnostic tool developed for the independent workshop the true all-in-one scan tool.

Features

- LCD Touch Screen
- In-built printer
- Software updates via PC and Internet
- All software on 1 Compact Flash card
- 2 Year Warranty
- Free Software Updates for 12 Months
- Reading and Clearing of fault codes
- Live Data
- Component Activation
- Clear Adaptations
- Coding
- Data Graphing

Launch UK Vehicle Coverage 26/5/08



Alfa Romeo -Engine, ABS, Automatic Transmission, Airbag, Immobiliser, AC, Instrument Cluster, Door/Boot Modules, Body Computer, CAN Network.

CAN Bus

Vehicles with 16 pin connector up to car model year 2007.

16 pin OBDII 16C connector and CAN Bus Connector .

Testing functions for control units:

System identification -Reading fault Codes -Erasing fault Codes -Live Data -Real Time Graphing.



Audi -All systems: Engine, Auto Transmissions, Brake Electronics, Airbag, Instrument Clusters, A/C Heating, Central Locking, Central Control Module, Immobilizer, Radio, Gateway Data Bus, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Clutch Electronics, Self Level Suspension, Steering Assistance, Aux Heating, Electric Roof Control, Parking Aid, Diesel Pump, Tyre Pressure, Headlight Range Control, Parking Brake, TV Tuner -And Many Other Functions.

New TV Activation Added.

CAN Bus

Vehicles 1989 up to model year 2008

CAN Bus Connector, 16 pin OBDII 16C Connector and 2x2 Connector for older vehicles.

New CAN Bus support added and VAG procedure help.

Testing functions for control units:

Control unit identification -Reading fault codes -Erasing fault codes -Basic Settings -Measuring Blocks(Live Data) -Single Reading -Adaptation - Output Tests(Component Activation) -Control unit coding -Key Programming -Real Time Graphing -Login(Coding II).



BMW -Engine Petrol/Diesel, Auto Transmissions, Brake Systems, Airbag, Air Conditioning, Instrument Clusters, Electronic Throttle, Electric Seats, EWS Immobiliser, ZKE Central Body Electronics, Cruise Control, PDC Park Distance Control, SZM Switching Center Module, Basis Interface Telephone, LCM Light Control Module, LEW Steering Angle Sensor, Radio, Electronic Height Control, BM On-Board Monitor, Automatic Interval Control, Navigation System, MFL Multi-function Steering Wheel, Video Module, Language Input System, CVM Soft Top Module, URS Rollover Sensor, RDC Tyre Pressure Control -And Many Other Functions.

Newer Systems






Car Access System, Dynamic Drive, Chassis Integration Module, Dynamic Stability Control, Ride Level Control, Parking Brake, Amplifier, Audio System Controller, Control Display, Control Display Gateway, Antitheft Alarm System, A/C Control, Rear Lid Lift, Lights Module, Navigation System, Power Module, Rain/Light Sensor, Satellite Modules, Siren And Tilt Sensor, Seat Modules, Language Processing System, Switch Center Module, All Door Modules, Video Module, Wiper Module, Central Gateway Module, Safety And Information Module-And Many Other Functions.





Models: E30, E36, E46, E87, E90, E91, E28, E34, E39, E60, E61, E24, E23, E32, E38, E65, E66, E31, E53, E52, E63, E64, E83, E85 and Mini. Vehicles 1987 up to car model year 2008.




20 pin connector and BMW 16 pin OBDII connector.





Testing functions for control units:


System identification -Reading fault Codes -Erasing fault Codes -Live Data -Actuator tests(Component Activation) -Real Time Graphing -Service Reset.


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|  | <p>Citroën -Engine, ABS, Airbag, Automatic Transmission, A/C, Body Control Module, Immobiliser, Alarm, Instrument Cluster, Radio, Rain Sensor, CD Changer.</p> <p>16 pin OBDII 16C connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes -Live Data -Actuator tests -Real Time Graphing.</i></p> |
|  | <p>Chrysler -Engine, Automatic Transmission, ABS, A/C, Airbag, Steering System, Body Control Module, FCM Front Control Module, Audio, MIC Instrument Cluster, Sliding Door Modules, Driver/Pass Door Modules, Parktronic Module, Navigation System, Hands Free Module, Transfer Case Module, Power Liftgate Module, Wireless Control Module, Occupant Classification Module.</p> <p><i>Now with CAN Bus</i> 16 pin OBD 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes- Live Data- Real Time Graphing.</i></p> |
|  | <p>Daewoo -Engine, Auto Transmission, ABS, Airbag.</p> <p>Vehicles up to car model year 2008. 12 pin connector and 16 pin OBD connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes -Live Data -Real Time Graphing.</i></p> |
|  | <p>Fiat -Engine, Automatic Transmission, ABS, Airbag, Immobiliser, AC, Door Lock, Body Computer, Instrument Cluster, Electric Steering, Door Modules, CAN Network.</p> <p><i>CAN Bus</i> 16 pin OBDII 16C connector and CAN Bus Connector . <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes -Live Data -Real Time Graphing.</i></p> |
|  | <p>Ford Europe -Engine, Airbag, ABS, Instrument Cluster, Central Security Module, Central Timer Module, Message Centre Module.</p> <p><i>New Injector Programming Added</i> <i>CAN Bus</i> 16 pin OBDII 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes -Live Data-Real Time Graphing.</i></p> |


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|  | <p>Ford USA -Engine, ABS, Airbag, A/C, Instrument Cluster, Drivers Door Module, Light Control Module, Power Steering Module, Rear Air Suspension Module, Remote Antitheft Module, Park Aid Module, Generic Electronic Module, 4x4 Control Module, Seat Modules, PATS Module -And Many Other Functions.</p> <p>CAN Bus 16 pin OBDII 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes –Live Data–Real Time Graphing.</i></p> |
|  | <p>Honda -Engine Petrol, Auto Transmission, ABS, Airbag, Power Steering, Body Electrical System, Instrument Cluster, Door Lock, Wipers, A/C, IMA Integrated Motor Assist, OPDS Occupant Position Detection System.</p> <p>New CAN Bus Systems Added -Engine, ABS, Auto Trans, Airbag, Electric Vacuum Pump, Clear/Learn Crankshaft Sensor Function and Key Programming. CAN Bus Vehicles up to car model year 2008. 3 pin connector and 16 pin Smart OBDII connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |
|  | <p>Hyundai -Engine Petrol/Diesel & LPG , Auto Transmission, ABS, Airbag, Immobilizer, Power Steering, A/C, Secondary Air Injection, Traction Control System, Body Control Module, Smart Key System, 4WD Control.</p> <p>Vehicles up to car model year 2008. 12 pin connector and 16 pin OBD connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |
|  | <p>Kia -Engine, Auto Transmission, ABS, Airbag, A/C, 4WD, Elect Control Suspension, Fuel Fired Heater, Power Steering, Body Control Module.</p> <p>New – Smart Key System Vehicles up to car model year 2008. 20 pin connector and 16 pin OBD connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |


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|  | <p>Land Rover – Freelander –Engine, ABS, Airbag, Automatic Transmission, Instrument Cluster, Security (Plip Programming), Tail/Boot Module, Exterior Lighting, Wash/Wipe, Electric Windows, Heated Rear Window. Discovery II – Engine, ABS, Airbag, Automatic Transmission, Cruise Control, Active Cornering. Discovery III – Engine, ABS, Airbag, Automatic Transmission. Range Rover – Engine, ABS,A/C, Automatic Transmission, Cruise Control. Defender – Engine, ABS, Body Control Unit. New Range Rover – Engine, ABS, Airbag, Automatic Transmission, Air Suspension, Instrument Cluster, A/C, Parking Aid, Security System, Immobiliser, Power Steering, Wash Wipe System, Window & Sunroof, Fuel Burning Heater, Headlight, Transfer Box, Xenon Headlights, Radio, Video Module, Steering Wheel, Body Control Unit, Seat Memory ECU. <i>New Discovery III Systems And Range Rover 2006> Added.</i> 16 pin OBDII 16C connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data - Actuator tests -Real Time Graphing.</i></p> |
|  | <p>Mazda -Engine, ABS, Airbag, Auto Transmission, Instrument Cluster. <i>CAN Bus</i> 17 pin connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes –Live Data –Real Time Graphing.</i></p> |
|  | <p>MERCEDES -Engine Petrol/Diesel, Auto Transmissions, All Brake Systems, Airbag, Instrument Clusters, Air conditioning, Air Suspension, Pneumatic Systems, Parktronic Control, Active Body Control, Keyless Go, Extended Activity Module, Electronic Ignition, Radio, Anti Theft Alarm, Signal Acquisition, Convertible Top, Overhead Control Panel, Lower Control Panel, Upper Control Panel, Headlamp Range, Seat Modules, Door Modules, Adaptive Damping System -And Many Other Functions. <i>New Models Added W169, W171, W211, W215, W219, W220, W230, W240, W245, W461, W463.</i> <i>CAN Bus</i> Vehicles 1992 up to car model year 2008. CAN Bus Connector, 38 pin connector and 16 pin OBDII 16C connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Adaptation –Real Time Graphing.</i></p> |




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|  Mercedes-Benz | <p>Mercedes Sprinter/Vaneo Sprinter- Engine, Instrument Cluster, Immobilizer, Airbag, ABS. Vaneo- Engine, Automatic Clutch System, Front Transmission Control, Electronic Selector Module, Electronic Stability Program, Airbag, Drive Authorization System, Instrument Cluster, Parktronic System, Anti Theft Alarm Vito/V-Class- Engine, ABS, Airbag -And Many Other Functions Vito/Viano- Engine, Electronic Stability Program, Airbag, Instrument Cluster, Electronic Ignition, Upper Control Panel, A/C -And Many Other Systems. 14 Pin Plug and 16 pin OBD 16C connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes.</i></p> |
|  MITSUBISHI | <p>Mitsubishi -Engine, Auto Transmission, ABS, Airbag, Immobiliser, Traction Control, A/C, TPMS, Cruise Control, Electronically Controlled Suspension, Camera. CAN Bus Vehicles up to car model year 2008. 12 pin connector and 16 pin OBD connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes -Live Data -Actuator tests -Real Time Graphing.</i></p> |
|  NISSAN | <p>Nissan -Engine , ABS, Airbag, Immobiliser(Key Programming), Auto Speed Control Device, Stepless Speed Change System, Interior Control System, 4WD System, Intelligent Access System, Rear-view Camera, Auto Slide Door, Body Control Module, Diff Lock, Instrument Cluster, Power Steering -And Many Other Systems. New EGR Learn and Steering Sensor Adjust. CAN Bus Vehicles up to car model year 2008. 14 pin connector,16 Pin OBD connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes -Live Data -Actuator tests -Real Time Graphing.</i></p> |
|  | <p>OBDII/EOBD –All OBDII/EOBD compliant vehicles. Supported protocols: ISO 9141-2 ISO 14230 (KWP2000) SAE J1850 (VPW and PWM) CAN Bus (Using CAN Bus OBDII Software) CAN Bus 16 pin OBDII 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>Reading fault Codes -Erasing fault Codes -Live Data -Readiness Test - Real Time Graphing.</i></p> |




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|  | <p>Peugeot –Engine, ABS, Airbag, Automatic Transmission, BSI, Door Modules, Alarm, Radio, CD Player, Instrument Cluster, Steering Wheel Module, A/C, Diesel Fuel Additive Control Unit, Power Steering Module, Parking Assistance, Navigation System, Headlamp Height Module.</p> <p>16 Pin OBDII 16C connector.</p> <p><i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data–Real Time Graphing.</i></p> |
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|  | <p>Renault -Engine Petrol/Diesel, Auto Transmissions, ABS, Airbag, Instrument Cluster, Immobiliser, Variable PAS, Interconnection Unit, Air Conditioning, Tyres, Door Management, Discharge Lamp, Parking Brake, Hood Control, Passenger Compartment Unit, Parking Assistance, Heater.</p> <p>-Tyre Pressure Programming and Key Coding.</p> <p><i>CAN Bus</i></p> <p>Vehicles with 16 pin connector up to car model year 2008.</p> <p>CAN Bus Connector and 16 pin OBDII 16C connector.</p> <p><i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |
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|  | <p>Rover -Engine, ABS, Airbag, Auto Transmission, Immobiliser, A/C, Lights Module, Window Module, Instrument Cluster, Electric Windows, Fuel Burning Heater, Parking Sensor, Rain Sensor.</p> <p>16 pin OBDII 16C connector.</p> <p><i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |
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|  | <p>SAAB Engine, ABS, Airbag, Auto Transmission, A/C, Instrument Cluster, SID Information Display, Theft Warning, Audio Systems, Mirror/Seat Memory Modules, Parking Assistance, Diesel Additional Heater, CD Changer, Soft Top Control.</p> <p>Vehicles with 16 pin connector.</p> <p>16 pin OBDII 16C connector.</p> <p><i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data –Real Time Graphing.</i></p> |
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|  | <p>Seat -All systems: Engine, Auto Transmissions, Brake Electronics, Airbag, Instrument Clusters, A/C Heating, Central Locking, Central Control Module, Immobilizer, Radio, Gateway Data Bus, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Clutch Electronics, Self Level Suspension, Steering Assistance, Aux Heating, Electric Roof Control, Parking Aid, Diesel Pump, Tyre Pressure, Headlight Range Control, Parking Brake, TV Tuner -And Many Other Functions.</p> <p>CAN Bus Vehicles 1989 up to model year 2008 CAN Bus Connector, 16 pin OBDII 16C Connector and 2x2 Connector for older vehicles. New CAN Bus support added and VAG procedure help. <i>Testing functions for control units:</i> <i>Control unit identification -Reading fault codes -Erasing fault codes -Basic Settings -Measuring Blocks(Live Data) -Single Reading -Adaptation - Output Tests(Component Activation) -Control unit coding -Key Programming -Real Time Graphing -Login(Coding II).</i></p> |
|  | <p>Skoda -All systems: Engine, Auto Transmissions, Brake Electronics, Airbag, Instrument Clusters, A/C Heating, Central Locking, Central Control Module, Immobilizer, Radio, Gateway Data Bus, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Clutch Electronics, Self Level Suspension, Steering Assistance, Aux Heating, Electric Roof Control, Parking Aid, Diesel Pump, Tyre Pressure, Headlight Range Control, Parking Brake, TV Tuner -And Many Other Functions.</p> <p>CAN Bus Vehicles 1989 up to model year 2008 CAN Bus Connector, 16 pin OBDII 16C Connector and 2x2 Connector for older vehicles. New CAN Bus support added and VAG procedure help. <i>Testing functions for control units:</i> <i>Control unit identification -Reading fault codes -Erasing fault codes -Basic Settings -Measuring Blocks(Live Data) -Single Reading -Adaptation - Output Tests(Component Activation) -Control unit coding -Key Programming -Real Time Graphing -Login(Coding II).</i></p> |
|  | <p>Smart – Engine, Automatic Transmission, ABS, Airbag, SAM Module, Instrument Cluster, Steering Assist Module.</p> <p>CAN Bus 16 pin OBD 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes.</i></p> |

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|  | <p>Ssangyang -Engine, Automatic Transmission, ABS, Airbag, 4WD System, Electronically Controlled Suspension.</p> <p>16 pin OBD connector. <i>Testing functions for control units: Reading fault Codes -Erasing fault Codes –Live Data–Real Time Graphing.</i></p> |
|  | <p>Subaru -Engine, Auto Transmission, ABS, Cruise Control, Air Suspension, Power Steering.</p> <p>16 pin OBD connector. <i>Testing functions for control units: System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |
|  | <p>Suzuki -Engine, ABS, Airbag, Automatic Transmission, A/C, Electronic Steering, 4 Wheel Drive System, Body Control Module.</p> <p><i>New CAN Bus</i> 16 pin OBD connector and CAN Bus Connector. <i>Testing functions for control units: System identification -Reading fault Codes -Erasing fault Codes –Live Data–Real Time Graphing.</i></p> |
|  | <p>Toyota/Lexus -Engine Petrol/Diesel, Auto Transmission, ABS, Airbag, Immobiliser, A/C, Cruise Control, Instrument System, Body System, Suspension System, Seat Modules, Door Modules, Gateway System, Combined Switch, Flex Incline Steering Wheel, Air Suspension System, Electronic Hydraulic Power Steering system, Electronic Motor-assisted Power Steering System, Tire Pressure Warning System, Body No3 System, Body No2 System, Rear View Mirror, Rain Sensor, Steering Pad, Stop And Drive System, Stop Sonar System, 4WD System.</p> <p><i>New Systems Added: Stabilizer, Intelligent Parking Assist/P-Door Motor, RL-Door Motor, RR-Door Motor, Gateway, Night View.</i> CAN Bus Vehicles up to car model year 2008. 17 pin Connector ,16 pin Toyota Connector and CAN Bus Connector. <i>Testing functions for control units: System identification -Reading fault Codes -Erasing fault Codes –Live Data -Actuator tests –Real Time Graphing.</i></p> |

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|   | <p>Vauxhall/Opel -Engine Petrol/Diesel, Auto Transmissions, ABS, Airbag, Electronic Power Steering, Immobiliser, Body Control Module, Anti-theft Module, Central Locking Module, Soft-top controller, Engine Cooling Module, Headlamp Levelling Module, Steering Column Module</p> <p><i>New- Program Fuel Injectors</i> CAN Bus Vehicles 1997 up to car model year 2008. 16 pin OBDII 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data</i> <i>-Actuator tests –Real Time Graphing.</i> <i>Key Programming, Remote Fob Programming</i></p> |
| <p>VOLVO VOLVO</p> | <p>Volvo -Engine, Auto Transmissions, ABS, Airbag, A/C, Instrument Cluster, Immobilizer, Volvo Guard Lock & Alarm, Rollover Protection, Driver Information Module, Central Electrical Module, Door/Seat Modules, Phone Module, Steering Wheel Module, Audio Module, Power Steering Module, Park Assist Module, Rear Electrical Module, CD Player Module, Antenna Module.</p> <p><i>New Functions Added: climate control self-adjustment of damper motor end stops, Initialize windows, 1998> Diesel Engine and Reset Throttle Adaptation.</i> CAN Bus 16 pin OBDII 16C connector and CAN Bus Connector. <i>Testing functions for control units:</i> <i>System identification -Reading fault Codes -Erasing fault Codes –Live Data</i> <i>-Actuator tests –Real Time Graphing.</i></p> |
|  | <p>Volkswagen –All systems: Engine, Auto Transmissions, Brake Electronics, Airbag, Instrument Clusters, A/C Heating, Central Locking, Central Control Module, Immobilizer, Radio, Gateway Data Bus, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Clutch Electronics, Self Level Suspension, Steering Assistance, Aux Heating, Electric Roof Control, Parking Aid, Diesel Pump, Tyre Pressure, Headlight Range Control, Parking Brake, TV Tuner -And Many Other Functions.</p> <p>CAN Bus Vehicles 1989 up to model year 2008 CAN Bus Connector, 16 pin OBDII 16C Connector and 2x2 Connector for older vehicles. <i>New CAN Bus support added and VAG procedure help.</i> <i>Testing functions for control units:</i> <i>Control unit identification -Reading fault codes -Erasing fault codes –Basic Settings -Measuring Blocks(Live Data) –Single Reading -Adaptation – Output Tests(Component Activation) -Control unit coding –Key Programming -Real Time Graphing –Login(Coding II).</i></p> |

*Exact Coverage and specification subject to change this document is a general overview of the vehicle coverage and functionality please contact us for more detailed information.