

LAUNCH

THE NAME IN VEHICLE DIAGNOSTICS

LAUNCH X-431



The X431 hand-held diagnostic tool has been developed for the independent workshop, it is the true all-in-one diagnostic scan tool.

Features

- LCD Touch Screen
 - Built-in mini printer
 - Software updates via your PC and the Internet
 - All software on 1 Compact Flash card
 - 2 Year warranty
 - Free Software Updates for 3 Years
 - Reading and Clearing of all fault codes
 - Live Data
 - Component activation
 - Clear Adaptations
 - Coding
- Data Graphing



LAUNCH X-431

Super Diagnostic Scanner

Comes complete with everything

Our system covers the largest range of vehicle models in the world, making the X431 an essential tool for the independent automotive expert. The X431 tool package will allow your business to expand by providing ready diagnosis of a broad range of systems for the most popular cars, including Mercedes, BMW, Audi, Volkswagen, and many more! All in all, the X431 coverage spans over 37 manufacturers.

Best of all, the X431's vehicle coverage continues to grow, with simple internet-ready updates accessible to you at the click of a button. The Launch internet database features newly added diagnostic interfaces and car models on an almost weekly basis – making this rapidly expanding technology an essential investment for the professional auto technician.



LAUNCH X-431

Super Diagnostic Scanner

LAUNCH X-431 Super Diagnostic Scanner – reads/erases fault codes, scans engine, turns off service lights, auto transmission, SRS airbags, ABS & body systems including air con & comfort/convenience systems. Live data stream, actuations, adaptations and key coding.

Lightweight, compact unit, X-431 is the easiest to use scan tool on the world market. X-431 has a built in mini printer to show your customers what you found and what you have fixed! Unrivalled coverage.



Features

- Full-range coverage
- Internet online updating
- Open-platform diagnosis
- Built-in printer with real-time printout of test data
- Wide language choice
- Data stream in waveforming
- Standard ports
- Large touch screen
- PDA functions
- Fast access
- Including the latest CAN-Bus technology.
- 37 manufacturers as standard, updated daily.



MERCEDES – Engine, Auto Transmissions, all Brake Systems, Airbag, Instrument Cluster, Air Conditioning, Air Suspension, Pneumatic Systems, Parktronic Control, Active body Control, Keyless Go, Extended Activity Module, Electronic Ignition, Radio, Anti theft Alarm, Signal Acquisition Module, Convertible top, Overhead Control Panel, Lower control Panel, Upper Control Panel, Headlamp Range, Seat Modules, Door Modules, Adaptive Damping system.

Vehicles 1992 up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Coding/Programming – Real Time Graphing

Software Version 35.30 last updated 10-04-2009



VW – All systems: Engine, Auto Transmission, Brake Electronics, Central Control Module, Immobilizer, Radio, Gateway Data Bu, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Aux Heating, Electric roof Control, Parking Aid and More.....

Vehicles 1989 up to car model year 2008.

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.

Software Version 25.00 last updated 29-04-2009




BMW – Engine, Auto Transmissions, all Brake Systems, Airbag, Air Conditioning, Instrument Clusters, Electronic Throttle, Electric Seats, Immobiliser, Central Body Electronics, Cruise Control, Park Distance Control, Switching Centre Module, Basic Interface Telephone, Light Control Module, Steering Angle Sensor, Radio, Electronic Height Control, On-Board Monitor, Automatic Interval Control, Navigation System, Multi-function Steering Wheel, Video Module, Language Input System, and more.....


Vehicles 1987 up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Adaptations – Coding/Programming–Actuator test– Real Time Graphing

Software Version 37.25 last updated 07-05-2009

	<p>OBDII / EOBD – All OBDII / EOBD compliant vehicles.</p> <p>Supported Protocols</p> <ul style="list-style-type: none"> • ISO 9141-2 • ISO 14230 (KWP2000) • SAE J1850 (VPW and PWM) • CAN Bus (Using CAN Bus OBDII Software) <p><i>Testing functions for control units: Reading fault Codes – Erasing fault Codes – Live Data – Readiness Test – Real Time Graphing</i></p> <p><i>Software Version 21.04 last updated 29-04-2009</i></p>
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	<p>AUDI – All systems: Engine, Auto Transmission, Brake Electronics, Central Control Module, Immobilizer, Radio, Gateway Data Bu, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Aux Heating, Electric roof Control, Parking Aid and More.....</p> <p>Vehicles 1989 up to car model year 2008.</p> <p><i>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.</i></p> <p><i>Software Version 25.00 last updated 29-04-2009</i></p>
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	<p>FORD EUROPE – Engine, Airbag, ABS, Generic Electronic Module, Instrument Cluster, Message Centre Module, Climate Control, Central Security Module, Parking Aid Module, rear Air Suspension Module, Fuel Fired heater, Navigation Module, Audio Control Module, Central Timer Module.</p> <p>Vehicles 1989 up to car model year 2008.</p> <p><i>Testing functions for control units: Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing</i></p> <p><i>Software Version 21.03 last updated 08-04-2009</i></p>
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VAUXHALL

VAUXHALL / OPEL – Engine, Auto Transmissions, ABS, Airbag, Electronic Power steering, Immobiliser, Body Control Module, Anti-theft Module, Central Locking module, Soft-top Controller, Engine Cooling Module, Triple Information Display

Vehicles 1989 up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Coding/Programming – Real Time Graphing*

Software Version 11.11 last updated 21-04-2009



SEAT – All systems: Engine, Auto Transmission, Brake Electronics, Central Control Module, Immobilizer, Radio, Gateway Data Bu, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Aux Heating, Electric roof Control, Parking Aid and More.....

Vehicles 1989 up to car model year 2008.

*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.*

Software Version 24.00 last updated 29-04-2009



ROVER – Engine, ABS, Airbag, Transmission, Immobiliser, Air conditioning, Wash/Wipe, Interior lights, Heated screen, Exterior lights.

Vehicles 1997 up to car model year 2007.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Coding/Programming – Real Time Graphing*

Software Version 18.35 last updated 21-04-2009



LANDROVER RANGEROVER – Engine, ABS, Airbag, Automatic Transmission, Air Suspension, Instrument Cluster, AC, Parking Aid, Security System, Immobiliser, Power Steering, Wash Wipe System, Wash / Wipe, Windows and Sunroof, Fuel burning Heater, Auto Headlight.

Vehicles 1989 up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Real Time Graphing

Software Version 29.11 last updated 27-03-2009



OBDII / EOBD – Engine, Auto Transmissions, ABS, Airbag, Instrument Cluster, Central Electrical Module, Rear Electrical Module, Door Modules, Seat Modules, Climate Control, Audio Module, Steering Wheel Module, Driver Information Module, Phone Module.

Vehicles 1996 up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Real Time Graphing

Software Version 33.00 last updated 08-05-2009



RENAULT – Engine, Auto Transmissions, ABS, Airbag, Instrument Cluster, Immobiliser, Variable PAS, Interconnection Unit, Air Conditioning, Tyre Pressure Monitoring, Door Management, Discharge Lamp, Parking Brake

Vehicles up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator test – Programming – Real Time Graphing

Software Version 31.00 last updated 22-04-2009



ALFA ROMEO – Engine, ABS, Airbag, Auto Transmissions, Immobiliser, Door Locks, Air Conditioning Instrument Panel, Body Computer, Climate Control, Navigator, Drivers Door

Vehicles up to car model year 2008.

Testing functions for control units:

System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator test – Real Time Graphing

Software Version 13.20 last updated 09-03-2009



FIAT – Engine, Auto Transmissions, ABS, Airbag, Immobiliser, Climate control, Door lock / Alarm, Instruments.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator Tests –Real Time Graphing*

Software Version 22.50 last updated 31-03-2009



SAAB – Engine, ABS, Airbag, Air Conditioning, Transmission, Main Instrument Unit, Information Display, Dashboard Electronics, Audio Modules, Power Mirrors, Power Seats< Parking Aid, Security System

Vehicles 1989 up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator Tests –Real Time Graphing*

Software Version 16.10 last updated 22-04-2009



OBDII / EOBD – Engine, ABS, Airbag, Immobiliser, Transmissions, Instruments, Radio, BSI, Fuel, Additive Control, Alarm, Power Steering, Climate Control, Multi function Display, Control Panel, Steering Wheel Switch Module, Rain Sensor.

Vehicles 1989 up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator Tests –Real Time Graphing*

Software Version 26.05 last updated 22-04-2009



CHRYSLER – Engine, Auto Transmissions, ABS, Airbag, Body, WCM, FCM.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator tests – Real Time Graphing*

Software Version 21.01 last updated 06-05-2009



PEUGEOT – Engine, ABS, Airbag, Automatic Transmission, Immobiliser, Instruments, Radio, BSI, Climate Control, Fuel, Additive Control, Alarm, Power Steering, Multi Function Display, Steering wheel Switch Module, Parking Aid.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing*

Software Version 32.15 last updated 30-03-2009



NISSAN – Engine, ABS, Airbag, Immobiliser, Automatic Transmission, Auto Speed Control Device, Stepless Speed Change System, Active Suspension, Interior Control System, 4WD System, Intelligent Access System, Tyre Pressure Monitoring, Power Steering.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptations – Programming – Real Time Graphing*

Software Version 34.04 last updated 20-03-2009



MITSUBISHI – Engine, Auto Transmission, ABS, Airbag, Immobiliser, Traction Control, Auto A/C, Power Steering, Active Yaw Control, Active Differential Control, Electronic Control System, Four Wheel steering, Cruise Control, Electronic Suspension, Hydraulic Brake Booster.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Real Time Graphing*

Software Version 24.15 last updated 30-04-2009



PORSCHE – Engine, ABS, Airbag, Triptronic.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator test – Real Time Graphing*

Software Version 13.10 last updated 30-03-2009

 <p>TOYOTA</p>  <p>LEXUS</p>	<p>TOYOTA / LEXUS – Engine, Auto Transmissions, 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, Tyre Pressure warning system, Body No3 System, Body No2 system, rear View Mirror, rain Sensor, steering Pad, Stop and Drive System, Stop Sonar System.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptations – Programming – Real Time Graphing</i></p> <p><i>Software Version 40.10 last updated 23-04-2009</i></p>
 <p>HONDA</p>	<p>HONDA – Engine Petrol, Auto transmission, ABS, Airbag, Power steering, Body Electrical System, Instrument Cluster, Door lock, Wipers, Air Conditioning.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing</i></p> <p><i>Software Version 34.00 last updated 30-04-2009</i></p>
 <p>HYUNDAI</p>	<p>HYUNDAI – Engine, Automatic transmission, ABS, Airbag, Immobiliser, Secondary Air Injection, Traction Control.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing</i></p> <p><i>Software Version 42.00 last updated 24-04-2009</i></p>
	<p>LANCIA – Engine, ABS, Airbag, Automatic Transmission, Immobiliser, Door Lock Air conditioning Instrument panel.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator test – Programming – Real Time Graphing</i></p> <p><i>Software Version 12.55 last updated 09-03-2009</i></p>

	<p>DAEWOO – Engine, Automatic Transmission, ABS, Airbag.</p> <p>Vehicles up to car model year 2007.</p> <p><i>Testing functions for control units: Reading fault Codes – Erasing fault Codes – Live Data – Real Time Graphing – Actuator Tests</i></p> <p><i>Software Version 23.05 last updated 31-03-2009</i></p>
	<p>KIA – Engine, Auto Transmissions, ABS, Airbag, Traction Control, Stability Program.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing</i></p> <p><i>Software Version 36.01 last updated 30-03-2009</i></p>
	<p>MAZDA – Engine, ABS, Airbag, Automatic Transmission, Instrument Cluster, Cruise Control, Generic Electronic Module, remote Anti Theft Module, PATS Immobiliser, 4 Wheel Drive Module.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Real Time Graphing</i></p> <p><i>Software Version 33.00 last updated 29-04-2009</i></p>
	<p>SUBARU – Engine, Auto Transmission, ABS, Cruise Control, Air Suspension, Integrated Body Module.</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Dealer Check Mode – Function check Mode – Real Time Graphing</i></p> <p><i>Software Version 17.10 last updated 31-03-2009</i></p>



SUZUKI – Engine, ABS, Airbag, Automatic Transmission, Air Conditioning, Electronic Steering, 4 Wheel drive System, Body Control Module.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator Tests – Real Time Graphing*

Software Version 25.00 last updated 31-03-2009



SSANGYONG – Engine, Auto Transmission, ABS, Airbag, 4WD System

Vehicles up to car model year 2008.

*Testing functions for control units:
Reading fault Codes – Erasing fault Codes – Live Data – Real Time
Graphing*

Software Version 15.05 last updated 01-04-2009



SMART – Engine, Auto Transmissions, ABS, Airbag, Signal Acquisition module, Instrument Cluster, Electronic steering Assist

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Real Time Graphing*

Software Version 15.60 last updated 30-03-2009



SKODA – All systems: Engine, Auto Transmission, Brake Electronics, Central Control Module, Immobilizer, Radio, Gateway Data Bu, Interior Monitoring, Steering Wheel Electronics, Electronic Cont Electronics, 4WD, Navigation, Sound system, Aux Heating, Electric roof Control, Parking Aid and More.....

Vehicles 1989 up to car model year 2008.

*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.*

Software Version 24.00 last updated 29-04-2009



SPRINTERS Vaneo – ME Motor control unit, CDI-common Rail Diesel Injection, KI Instrument \Cluster, WSP Immobiliser, Airbag, ABS, Automatic Clutch Systems, Front Transmission Control, Electronic Selector Module, Electronic Stability Program, Drive Authorisation System, Instrument Cluster, Parktronic System.

Vehicles up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Real Time Graphing*

Software Version 17.00 last updated 07-04-2009



OPEL – Engine, Auto Transmissions, ABS, Airbag, Electronic Power steering, Immobiliser, Body Control Module, Anti-theft Module, Central Locking module, Soft-top Controller, Engine Cooling Module, Triple Information Display

Vehicles 1989 up to car model year 2008.

*Testing functions for control units:
System identification – Reading fault Codes – Erasing fault Codes –
Live Data – Actuator Tests – Adaptation – Coding/Programming – Real
Time Graphing*

Software Version 30.50 last updated 27-03-2009






FORD USA – Engine, ABS, Airbag, Remote Anti theft Module, Body module, instrument Cluster, HVAC module, Audio Control Module, Climate Control, Rear Air Suspension Module, 4 Wheel Drive Module, Light Control Module, Seat Module, Generic Electronic Module, Parking Aid Module, Navigation Module, Tyre Pressure Monitor Module.

Vehicles up to car model year 2008.

*Testing functions for control units:
Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests
–Real Time Graphing*

Software Version 36.96 last updated 07-05-2009

SOFTWARE PACKAGES NOW INCLUDED AS STANDARD

 <p>The Jaguar logo features a leaping cat silhouette above the word "JAGUAR" in a bold, green, sans-serif font.</p>	<p>JAGUAR – Engine, Airbag, ABS, Auto Transmissions, Instrument Cluster, Air Suspension Module, IP. More to follow under development</p> <p>Vehicles up to car model year 2008.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Real Time Graphing</i></p> <p><i>Software Version 13.40 last updated 27-03-2009</i></p>
 <p>The Isuzu logo consists of a red circle containing a white stylized 'M' shape, positioned above the word "ISUZU" in a bold, black, sans-serif font.</p>	<p>ISUZU – Engine, ABS, Airbag, More to Follow</p> <p>Vehicles 1998 up to car model year 2006.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Coding/Programming – Real Time Graphing</i></p> <p><i>Software Version 10.15 last updated 13-03-2009</i></p>
 <p>The Daihatsu logo features a red oval with a white stylized 'D' shape inside, positioned above the word "DAIHATSU" in a bold, red, sans-serif font.</p>	<p>DAIHATSU – Engine, ABS, Airbag, Automatic Transmission, DVS, CVT, EPS, VSC, ACC, KFS, ITC, More to Follow</p> <p>Vehicles 1998 to car model year 2007.</p> <p><i>Testing functions for control units: System identification – Reading fault Codes – Erasing fault Codes – Live Data – Actuator Tests – Adaptation – Coding/Programming – Real Time Graphing</i></p> <p><i>Software Version 17.90 last updated 30-03-2009</i></p>

Additional manufacturers available at additional costs

X-431

has been in worldwide use in over **60,000** workshops.

You can't afford to be left out.



It's a MUST!

CAN BUS



Top product of the year 2005
chosen by "PMM" in UK

w w w . c n l a u n c h . c o m

X-431

Super Scanner

LAUNCH

- The most powerful diagnostic scan tool in the world that covers more vehicle makes and a wider range of systems available in up to 20 languages.
- Upgrade via www.x431.com up to 400 times every year.
- Easy operation and upgrades to cover vehicle models of your choice.
- The most updated software gives you more business opportunities and places you ahead of your competitors.



LAUNCH X-431

Super Diagnostic Scanner

The worlds top selling diagnostic scanner!

LAUNCH X-431 Super Diagnostic Scanner - reads/erases fault codes, scans engine, turns off service lights, auto transmission, srs airbags, ABS & body systems including air con & comfort/convenience systems. Live data stream, actuations, adaptations and key coding.

Lightweight, compact unit, the easiest to use scan tool on the world market. X-431 has a built in mini printer to show your customers what you found and what you have fixed! Unrivalled coverage.

Features

- Full-range Coverage
- Internet online upgrading
- Open-platform Diagnosis
- Built-in printer with real-time printout of test data
- Wide Language Choice
- Data Stream in Waveforming
- Standard Ports
- Large touch screen
- PDA functions
- Fast access

Now with the latest CAN BUS technology!

Launch was listed on the Hong Kong stock market in 2002 and has grown successfully through significant investment in world class R&D and manufacturing. Today the company employees over 300 qualified R&D engineers led by some experienced and distinguished specialists in the automotive sector. Through this in-house R&D and manufacturing capability Launch is able to deliver products that utilise smart technology and are user friendly, quality assured and the best price. The company is accredited to the internationally recognised standards of ISO9000:2000 and QS9000.



LAUNCH X-431

THE EXPERTS CHOICE IN DIAGNOSTIC SCANNING



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