HxH SCAN

HxH Scan is a professional compact car diagnostic tool,it is the automotive fault diagnostic scanner .
we provide near dealer level(O.E.) operations such as ECU reprogramming,Key coding,Airbag configuration, Body Computer initialization,Injectors Programing and configuration,coding, etc .

it can be installed on most equipments that have Windows operating system WINDOWS XP/2000 , VISTA,WIN7 and Standard USB and Standard Bluetooth technology...
It enormously enhances the compatibility between automobile examination and other automobile maintenance equipments, and it solves the problem caused by space and distance effectively.

Vehicle List:

1 - Europe: This section includes diagnostic programs for European vehicles.
ALFA ROMEO, AUDI, BMW, CITROEN, DACIA, FIAT, FORD, LANDROVER, BENZ, OPEL, PEUGEOT, RENAULT, SEAT, SKODA, VOLVO, VOLKSWAGEN

2 - Japanese : This section includes diagnostic programs for Japanese vehicles.
DAIHATSU , HONDA, MAZDA , MITSUBUSHI, NISSAN, SUZUKI, TOYOYA ,LEXUS

3 - Korean and Asian : This section includes diagnostic programs for Asian vehicles.
BYD, CHERY, CHEVROLET, DAEWOO, GEELY, GREATWALL, HYUNDAI, IKCO, KIA, LIFAN, PROTON, TATA

4 - America: This section includes diagnostic programs for American vehicles. :
CHRYSLER, FORD, GM

Others: This diagnostic program can test all vehicles with OBD2/EOBD and CAN-OBD.

Function:

- Read failure code
- Clear failure code
- Read channel data
- Data stream preservation and contrast function
- Component test and basic setting
- Safe login and program
- Maintenance records management
- Data stream waveform analysis
- On-line software upgrade
- Standard USB port
- Standard Bluetooth

System:

- Tire system
- Door system
- Engine system
- SRS control module
- ABS control system
- Power control module
- Air conditioner system
- Theft-deterrent system
- Instrument panel system
- Automatical transmission
- Power-Assisted steering system

Content List:

HxH main hardware

Main cable

OBD2 adapter

Can-Bus adapter

Usb cable

Dongle

CD

FIAT 3P+DAIHASU 4P + SUZUKI 3P cable

MITSUBISHI 12P + OBDII 16P cable

12V male cigarette ligher cable

Toyota/Mazda-17P Adapter

Two tongs battery cable

Daewoo/Gm-12p Adapter

Nissan-14p Adapter

Toyota-17P Adapter

CITROEN 2P cable

Benz-38P Adapter

AUDI 2P+2P cable

Bmw-20P Adapter

Honda-3p Adapter

Kia-20p Adapter

L-3 cable

S-3 cable

Introduction

Function and Feature

- OE level coverage for European, Asian, American and Chinese cars
- Supports Multi-language
- Multi-functions
- Standard Bluetooth
- CAN-BUS with high/low speed
- Continuous software update online

Layout of Main Unit

The main unit layout is as shown in left picture.

1. DIAG
2. Standard Bluetooth
3. USB
4. TXD indicator
5. RXD indicator
6. Power indicator
7. Power supply (+12V) port

www.obd2express.co.uk

Technical Parameters

PC configuration

CPU: Pentium 4 (or Celeron R series) or above

Memory: Minimum 256MB

a) Operating system: WINDOWS XP/2000 , VISTA,WIN7.
   Power supply: DC 12V, AC 110~250V 50/60Hz;

b) Power: DC 9~15V

c) Standard Bluetooth communication distance: around 30 Meters (depending on environment)

d) Bluetooth transfer speed is 2,4 Mbps

e) Memory temperature: -30~90ºC

f) Working temperature: -10~70ºC

g) Humidity: <90%

Configuration

Name: HxH Main hardware
Function: Data transfer connecting with vehicle

Name: USB DONGLE KEY
Function: USB Dongle for sofware, Connect to PC/Laptop

Name: Installation CD
Function: Used to install operating software in PC

Name: Main Cable
Function: Connect the main unit and connectors with vehicle

Name: OBD-16 connector
Function: Used for testing all vehicles compliant with OBDII, EOBD and J1962 with 16-pin DLC

Name: CAN-BUS adapter
Function: Used for testing all vehicles compliant with OBDII, CAN-BUS with 16-pin DLC

Name: BMW-20 connector
Function: Used for testing BMW vehicles equipped with a 20-pin DLC

Name: BENZ-38 connector
Function: Used for testing Mercedes-Benz vehicles equipped with a circular 38-pin DLC

Name: Daewoo/Gm-12p Adapter
Function: Used for testing GM/Daewoo vehicles equipped with a 12-pin DLC

Name: Kia-20p Adapter
Function: Used for testing KIA vehicles equipped with a 20-pin DLC

Name: Mazda-17 connector
Function: Used for testing MAZDA vehicles equipped with a 17-pin DLC

Name: Toyota-17P Adapter
Function: Used for testing Toyota/Lexus vehicles with a rectangular 22-pin DLC

Name: MITSUBISHI 12P + OBDII 16P cable
Function: Used for testing Mitsubishi and Hyundai vehicles equipped with a 12-pin or 16-pin DLC

Name: Honda-3p Adapter
Function: Used for testing HONDA and ACURA vehicles equipped with a 3-pin DLC

Name: FIAT 3P+DAIHASU 4P + SUZUKI 3P cable
Function: Used for testing FIAT 3-pin DLC , DAIHATSU 4-pin DLC, SUZUKI 3-pin DLC.

Name: AUDI 2P+2P cable
Function: Used for testing VW/Audi vehicles with a 4-pin (2x2) DLC

Name: Nissan-14 connector
Function: Used for testing Nissan and Infiniti vehicles equipped with a 14-pin DLC

Name: CITROEN 2P cable
Function: Used for testing Citroen vehicles equipped with a 2-pin DLC

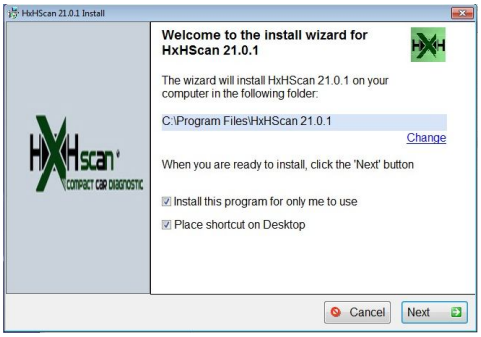
Name: L-3 cable
Function: Used for testing vehicles equipped with circuit

Name: S-3 cable
Function: Used for testing vehicles equipped with circuit

Name: Battery power cable
Function: power supply from battery

Name: Cigarette lighter power cable
Function: power supply via cigarette lighter on car

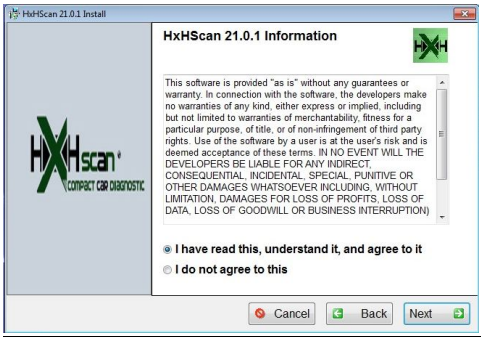
Operation



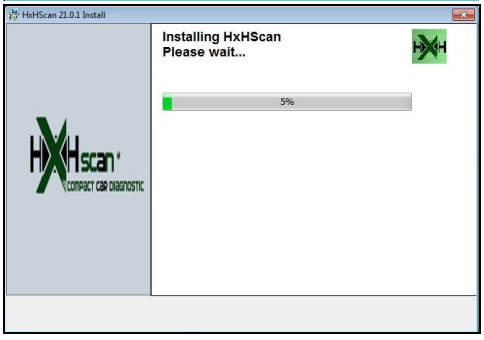
Software installation & cable connection

Diagnostic software installation

Steps for installation of HxH SCAN software:
(1). Put the HxH CD into CD driver in PC.
Setup is Autorun .
Installation information will popup.
Click on **[Next]** to continue.

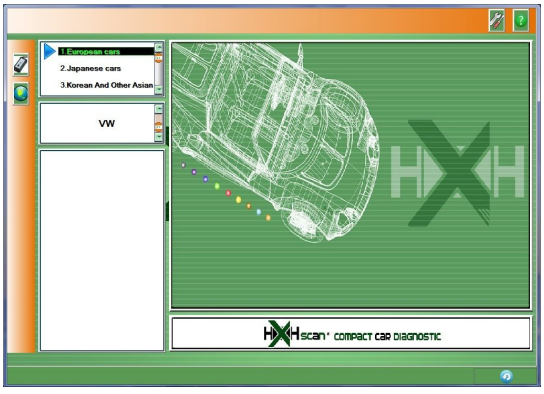


(2). In HxH SCAN installation interface, click on **[I agree this license]** and then **[Next]**.

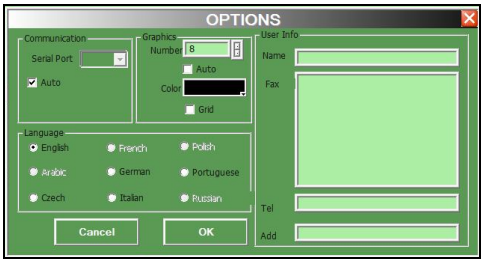


(3). Choose the path for installation. The default path is C:\Program Files\ HxH
To continue, click on **[Next]**.

(4). Connect USB DONGLE KEY to PC , and run software on desk .Software will open



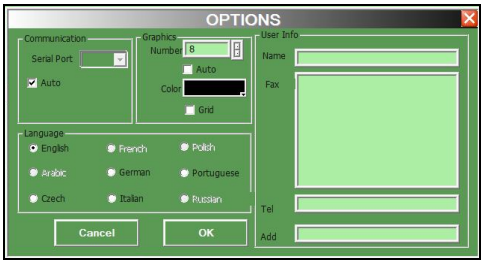
System Setting



Language Setting

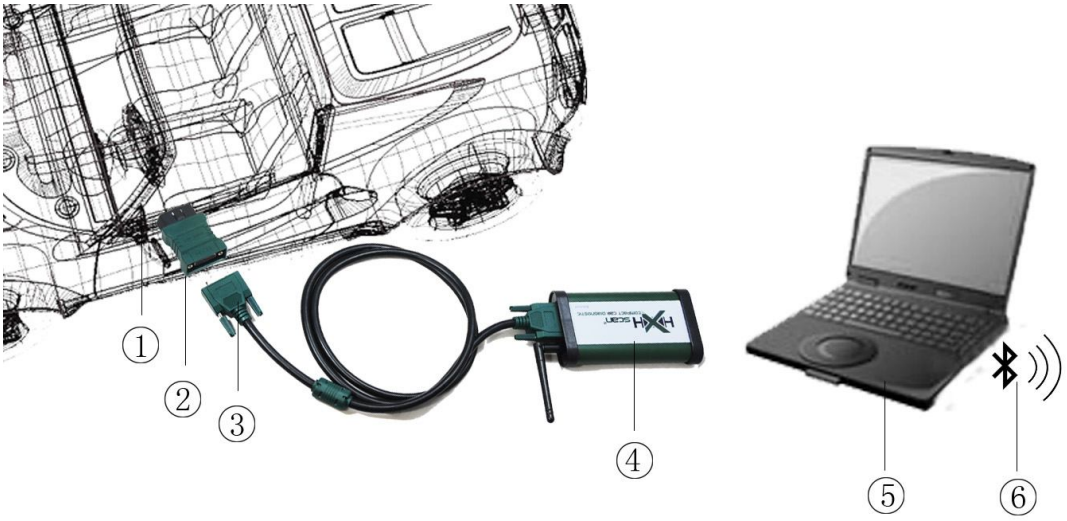
HxH supports Multi-language*. Choose any language needed under **[working language]** and press **[OK]** to finish language setting.

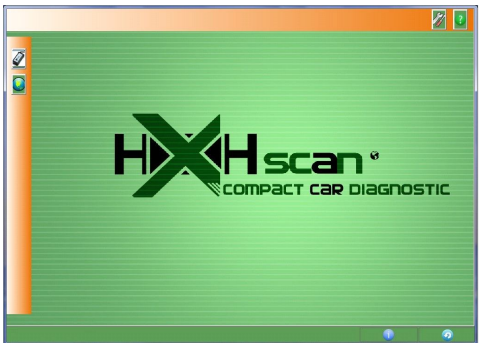
Select communication port

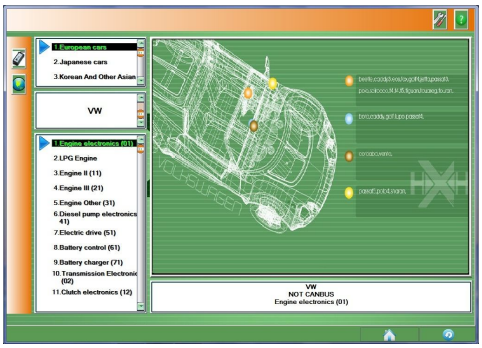


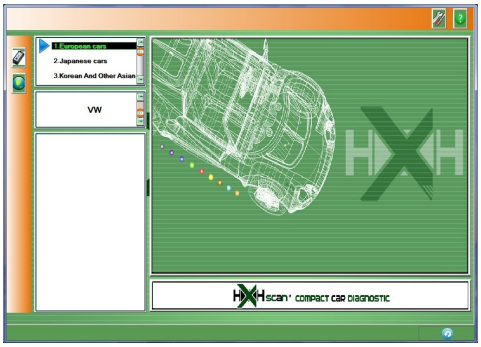
Cable connection

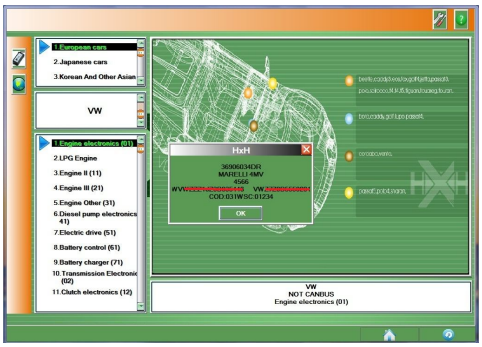
Please check the following chart for connection instruction:

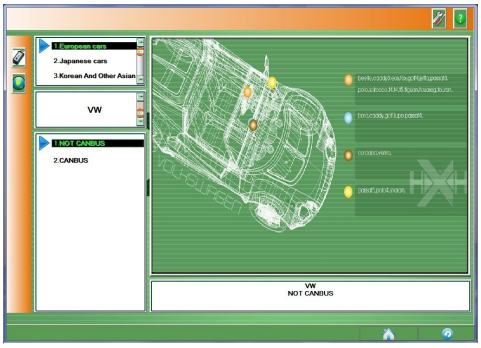


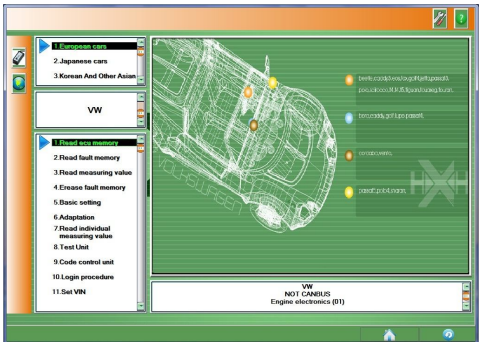

HXH scan
COMPACT CAR DIAGNOSTIC

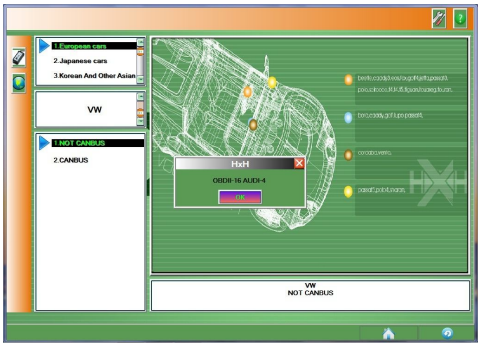

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Engine electronics (01)
2.LPG Engine
3.Engine II (11)
4.Engine III (21)
5.Engine Other (31)
6.Diesel pump electronics (41)
7.Electric drive (51)
8.Battery control (61)
9.Battery charger (71)
10.Transmission Electronic (02)
11.Clutch electronics (12)
VW
NOT CANBUS
Engine electronics (01)

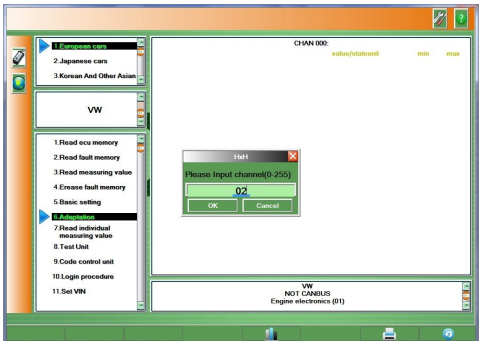

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
HXH scan COMPACT CAR DIAGNOSTIC

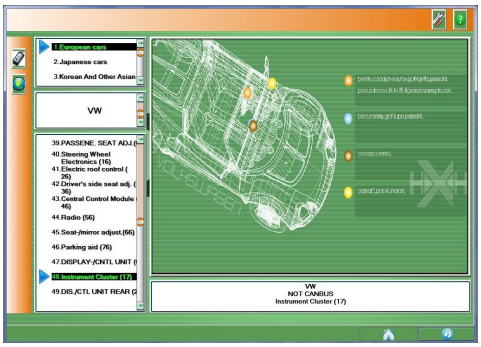

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Engine electronics (01)
2.LPG Engine
3.Engine II (11)
4.Engine III (21)
5.Engine Other (31)
6.Diesel pump electronics (41)
7.Electric drive (51)
8.Battery control (61)
9.Battery charger (71)
10.Transmission Electronic (02)
11.Clutch electronics (12)
HxH
MARELLI 4MV
4565
COD.031WSC.01234
OK
VW
NOT CANBUS
Engine electronics (01)

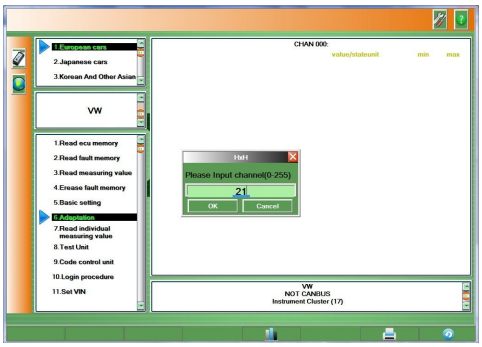

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.NOT CANBUS
2.CANBUS
VW
NOT CANBUS

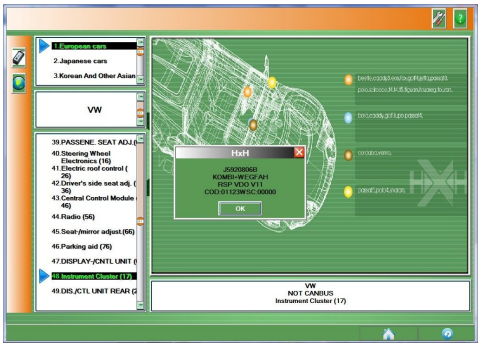

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Read ecu memory
2.Read fault memory
3.Read measuring value
4.Erease fault memory
5.Basic setting
6.Adaptation
7.Read individual measuring value
8.Test Unit
9.Code control unit
10.Login procedure
11.Set VIN
VW
NOT CANBUS
Engine electronics (01)

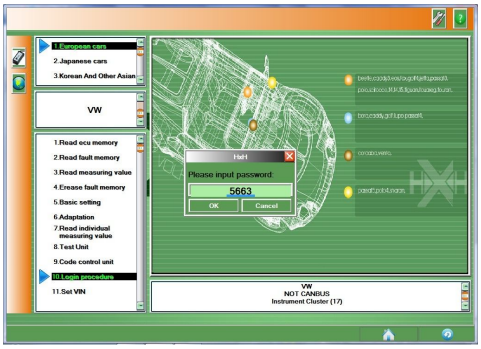

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.NOT CANBUS
2.CANBUS
HxH
OBDII-16 AUDI-4
ok
VW
NOT CANBUS

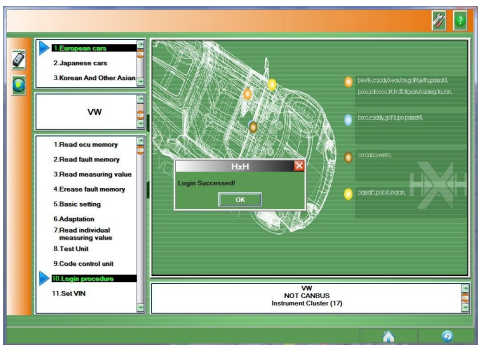

1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Read ecu memory
2.Read fault memory
3.Read measuring value
4.Erease fault memory
5.Basic setting
6.Adaptation
7.Read individual measuring value
8.Test Unit
9.Code control unit
10.Login procedure
11.Set VIN
CHAN 000:
value/stateunit
min
max
HxH
Please Input channel(0-255)
02
OK
Cancel
VW
NOT CANBUS
Engine electronics (01)


1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
39.PASSENE. SEAT ADJ.
40.Steering Wheel Electronics (16)
41.Electric roof control (26)
42.Driver's side seat adj. (36)
43.Central Control Module (46)
44.Radio (56)
45.Seat-/mirror adjust.(66)
46.Parking aid (76)
47.DISPLAY-/CNTL UNIT (
48.Instrument Cluster (17)
49.DIS./CTL UNIT REAR (2
VW
NOT CANBUS
Instrument Cluster (17)


1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Read ecu memory
2.Read fault memory
3.Read measuring value
4.Erease fault memory
5.Basic setting
6.Adaptation
7.Read individual measuring value
8.Test Unit
9.Code control unit
10.Login procedure
11.Set VIN
CHAN 000:
value/stateunit
min
max
HxH
Please Input channel(0-255)
21
OK
Cancel
VW
NOT CANBUS
Instrument Cluster (17)


1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
39.PASSENE. SEAT ADJ.
40.Steering Wheel Electronics (16)
41.Electric roof control (26)
42.Driver's side seat adj. (36)
43.Central Control Module (46)
44.Radio (56)
45.Seat-/mirror adjust.(66)
46.Parking aid (76)
47.DISPLAY-/CNTL UNIT (
48.Instrument Cluster (17)
49.DIS./CTL UNIT REAR (2
HxH
J5920806B
KOMBI-WEGFAH
RSP VDO V11
COD:01123WSC:00000
OK
VW
NOT CANBUS
Instrument Cluster (17)


1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Read ecu memory
2.Read fault memory
3.Read measuring value
4.Erease fault memory
5.Basic setting
6.Adaptation
7.Read individual measuring value
8.Test Unit
9.Code control unit
10.Login procedure
11.Set VIN
HxH
Please input password:
5663
OK
Cancel
VW
NOT CANBUS
Instrument Cluster (17)


1.European cars
2.Japanese cars
3.Korean And Other Asian
VW
1.Read ecu memory
2.Read fault memory
3.Read measuring value
4.Erease fault memory
5.Basic setting
6.Adaptation
7.Read individual measuring value
8.Test Unit
9.Code control unit
10.Login procedure
11.Set VIN
HxH
Login Successed!
OK
VW
NOT CANBUS
Instrument Cluster (17)