KINGBOLEN

K8 Elite

Version: V1.00.001

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Shenzhen Kingbolen Electrics Technology Co.,Ltd. declares that this equipment is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
www.kingbolen.com/k8-list.html

FCC Requirement

Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Copyright Information

Copyright © 2022 by SHENZHEN KINGBOLEN ELECTRONIC TECHNOLOGY.,LTD (hereinafter referred to as “KINGBOLEN”). All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying and recording or otherwise, without the prior written permission of KINGBOLEN. The information contained herein is designed only for the use of this unit. KINGBOLEN is not responsible for any use of this information as applied to other units.

Neither KINGBOLEN nor its affiliates shall be liable to the purchaser of this unit or third parties for damages, losses, costs, or expenses incurred by purchaser or third parties as a result of: Accident, misuse, or abuse of this unit, or unauthorized modifications, repairs, or alterations to this unit, or failure to strictly comply with KINGBOLEN operating and maintenance instructions. KINGBOLEN shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as Original KINGBOLEN Products or KINGBOLEN Approved Products. Formal statement: The names of other products mentioned in this manual are intended to explain how to use this equipment, and the registered trademark ownership still belongs to the original company.

This equipment is designed for professional technicians or maintenance personnel.

Safety Precautions and Warnings

To avoid personal injury, property loss, or accidental damage to the product, read all of the information in this section before using the product.

Handle equipment carefully

Do not drop, bend, or puncture the tool, or insert extra objects into or place heavy objects on the device. The vulnerable components inside may be damaged.

Do not disassemble or modify the equipment

The device is a sealed device with no user-serviceable parts inside. All internal repairs must be performed by an authorized maintenance organization or qualified technician. Attempts to disassemble or modify the device will void the warranty.

Do not try to replace the internal battery

The internal rechargeable lithium battery must be replaced by an authorized maintenance organization or qualified technician. Contact the dealer for factory replacement.

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Adapter information

Avoid immersing the device in water or placing it in a location where it may absorb moisture or other liquids. During normal use, the charging device may become hot. Please ensure that there is good ventilation while charging device.
If any of the following situation occurs, please unplug the charging device:

- The charging device is exposed to rain, liquid or in an environment with excessive overlap.
- The charging device showed physical damage.
- Cleaning the charging device.

Data and Software Protection

Do not delete unknown files or change the names of files or directories created by others, otherwise the device software may not run.

⚠ Note: Access to network resources makes the device vulnerable to computer viruses, hackers, spyware, and other malicious behaviors, and may damage the device, software, or data. To make ensure that you are using firewalls, anti-virus software and anti-spyware software to provide adequate protection for your computer and keep these softwares up to date.

Precautions on Using this tool

- To make sure the ignition switch should be in the OFF position when plugging and unplugging the diagnostic connector.
- Keep the connector in the storage box on the back of the main unit, when the vehicle diagnosis is finished.
- Gently press the diagnostic connector to pop up the diagnostic connector. Do not pull or use sharp objects to pry the diagnostic connector.

Precautions on Operating Vehicle's ECU

- Do not disconnect battery or any wiring cables in the vehicle when the ignition switch is on, as this could avoid damage to the sensors or the ECU.
- Do not place any magnetic objects near the ECU. Disconnect the power supply to the ECU before performing any welding operations on the vehicle.
- Use extreme caution when performing any operations near the ECU or sensors. Ground yourself when you disassemble PROM, otherwise ECU and sensors can be damaged by static electricity.
- When reconnecting the ECU harness connector, be sure it is attached firmly, otherwise electronic elements, such as ICs inside the ECU, can be damaged.

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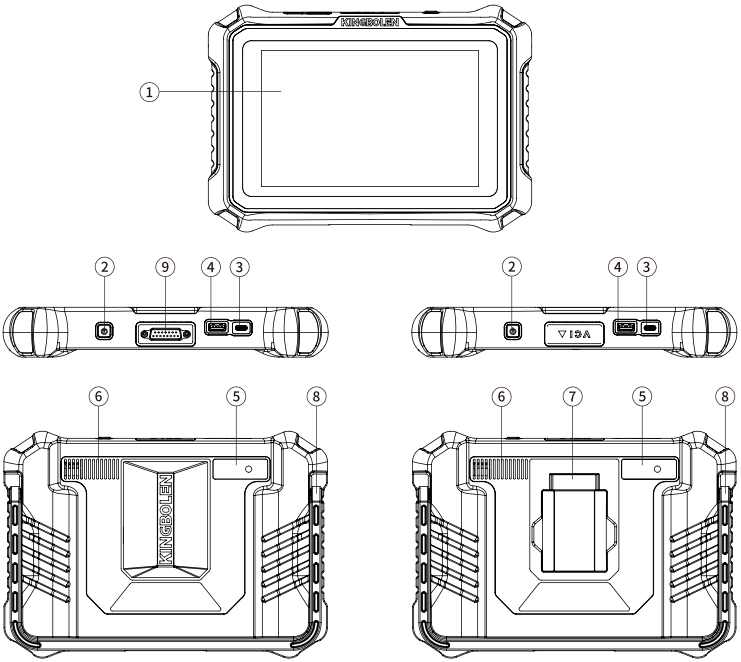
1. Product Overview

KINGBOLEN K8 Pro & K8 Elite are new generation intelligent diagnostic devices powered by Android 10.0. The products deliver exceptional, professional and comprehensive diagnostic features, including reading and clearing DTCs, real-time data streaming, ECU coding, actuation tests, special functions, etc.

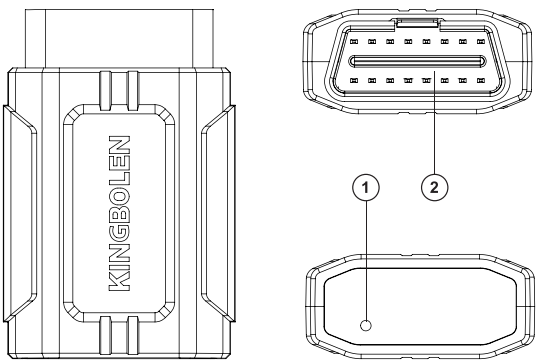
2. Components & Controls



K8 Elite K8 Pro

No.	Function
1	Display
2	Power Key: Press and hold for 3 seconds to power the device on or off; Press and hold for 10 seconds to force restart; Short press to wake the device from sleep or turn off the display.

3	Type C Port: connect the supplied charger for charging.
4	USB Type A Port: Reserved for connecting add-on modules and compatible devices.
5	8 Megapixel Rear Camera
6	Speaker
7	Magnetic area: Attach the Vehicle Communication Interface (VCI) using the built-in magnets.
8	Adjustable Kickstand: Designed to support the device on a flat surface or attach it to a steering wheel, with a 180-degree rotation capability for optimal viewing.
9	DB15 Interface: Connect the diagnostic cable.



No.	Name	Descriptions
1	Indicator Light	LED indicator is located at the bottom, and the three status as follows: • Power: Green light indicates that the power is on. • Diagnosis: Blue light shows that it enter the diagnosis mode. • Vehicle: Flashing-blue light means it is communicating with the vehicle.

2	Diagnostic Port	Plug in the diagnostic cable whose OBD 16-pin connector is linked to the DLC of the vehicle.

3. Technical Specifications

	K8 Pro	K8 Elite
Operating System	Android 10.0	Android 10.0
Memory	4G	4G
Storage	64G	64G
Battery	12600mAh\3.85V	12600mAh\3.85V
Screen	8 inches	8 inches
Camera	Rear Camera 8.0MP	Rear Camera 8.0MP
Network	WLAN 802.11 a/ac/b/g/n	WLAN 802.11 a/ac/b/g/n
Bluetooth	BT 5.1	/
Working Temperature	32 °F ~122 °F (0°C ~ 50°C)	32 °F ~122 °F (0°C ~ 50°C)
Storage Temperature	-4 °F ~140 °F (-20°C ~ 60°C)	-4 °F ~140 °F (-20°C ~ 60°C)
Supported Protocols	SAE-J1850 PWM, SAE-J1850 VPW, ISO 9141, ISO-14230-2 ISO, ISO 14230-4 KWP, ISO 15765-4 CAN, CAN FD, DoIP	

4. Vehicle Connection

Insert the VCI into your vehicle’s OBDII port, also known as the DLC. The DLC is usually located within 12 inches of the center of the dashboard, either under or around the driver’s side. Refer to your vehicle's manual if you are unsure about its location.

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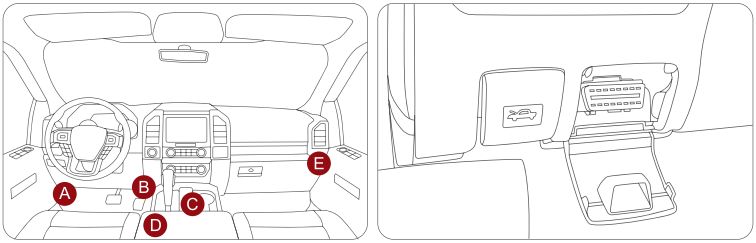

5. Functions Description

5.1 Intelligent Diagnosis

The Intelligent Diagnosis feature automatically reads the vehicle's VIN and identifies the brand, model, and year. This allows you to quickly access the diagnostic functions directly without manual input.

5.2 Diagnosis

The Diagnosis feature lets you manually select the vehicle's brand, model, and year to start the diagnostic process. This function is best used when you are familiar with the vehicle information. If unsure, it is recommended to use the Intelligent Diagnosis feature.

5.3 Maintenance

The Maintenance menu includes commonly used maintenance and reset functions to assist with regular vehicle upkeep.

5.4 Update

The Update function enables you to check for and download the latest software updates.

5.5 Module

The KINGBOLEN K8 supports a range of optional functional modules, such as Video Scope, Battery Tester, Scope Box, etc.

5.6 File

The File function allows you to record and save data, including diagnostic reports, data streams, and images for future reference and analysis.

5.7 Repair Info

The function enables you to access to a comprehensive Repair Info database, which includes DTC code libraries, vehicle coverage lists, and detailed user manuals.

5.8 Remote Assistance

Remote Assistance enables you to seek help through third-party software. By sending your device ID number to a remote technician or after-sales support, you can authorize them to remotely operate your product and help resolve any issues you encounter.

5.9 Settings

The Settings menu allows you to customize the device according to your preferences. Configure options such as language, time zone, WiFi, business information , etc.

6. FAQ

Q: Why does the software upgrade fail?
A: Please check whether the device is stably connected to the internet.

Q: Why is there no power with the VCI after connecting it to the vehicle's DLC port?
A: Please check whether the VCI is securely connected and verify that the vehicle's ignition switch is turned ON.

Q: Why can't I access the vehicle ECU system?
A: Please check whether the vehicle is equipped with the system, whether the VCI is correctly connected, and whether the vehicle ignition switch is ON.

Q: Why does the system stop while reading the data stream?
A: This may be caused by loose connection. Please unplug the VCI and try again.

Q: Why does the screen flash when the engine ignition starts?
A: This is a normal occurrence caused by electromagnetic interference.

Warranty Terms

- This warranty applies only to users and distributors who purchase KINGBOLEN products through normal procedures.
- Within one year from the date of delivery, KINGBOLEN warrants its electronic products for damages caused by defects in materials or workmanship.
- Damages to the equipment or components because of abuse, unauthorized modification, use for non-designed purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty.
- The compensation for dashboard damage caused by the defect of this equipment is limited to repair or replacement. KINGBOLEN does not bear any indirect and incidental losses.
- KINGBOLEN will judge the nature of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of KINGBOLEN are authorized to make any confirmation, notice or promise related to KINGBOLEN products.

Shenzhen Kingbolen Electrics Technology Co.,Ltd

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Official Website: www.kingbolen.com

Youtube: Kingbolen auto scanner center

Facebook: @kingbolen.fans

Instagram: @kingbolen.fans

Products tutorial, videos, Q&A and coverage list are available on KINGBOLEN official website.

ISED Warning

This device contains licence-exempt transmitter(s)/receiver(s) that complywith Innovation, Science and Economic Development Canada's licence-exempt RsS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference thatmay cause undesired operation ofthe device.

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux flux RsS exemptés de licence d’innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

1. Cet appareil ne peut pas causer d’interférences.
2. Ce dispositif doit accepter toute interférence, y compris celle qui peut provoquer un fonctionnement indésirable du dispositif.