

## FOXWELL NT809BT

# FOXWELL NT809BT Bidirectional Scan Tool User Manual

Model: NT809BT | Brand: FOXWELL

## INTRODUCTION

The FOXWELL NT809BT is an advanced, professional-grade automotive diagnostic scan tool designed for comprehensive vehicle system analysis, bidirectional control, and maintenance functions. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your NT809BT device to ensure optimal performance and accurate vehicle diagnostics.



Image: The FOXWELL NT809BT diagnostic tablet with its wireless VCI dongle and carrying case.

## GETTING STARTED

### 1. Unpacking the Box

Carefully unpack all items from the product packaging. The standard package contents include:

- 1X NT809BT Auto OBD2 Scanner (Main Tablet Unit)
- 1X Bluetooth VCI Dongle (Vehicle Communication Interface)
- 1X Handheld box (Protective Carrying Case)
- 1X Quick Guide
- 1X User's Manual
- 1X USB TYPE C Cable (for charging and data transfer)



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Image: A visual representation of all items included in the FOXWELL NT809BT package.

## 2. Initial Power-Up and Registration

Before first use, ensure the NT809BT scanner is fully charged using the provided USB-C cable. The device features a 4000mAh lithium-ion battery, providing over 3 hours of continuous runtime. Upon initial power-up, you will be prompted to create an account and register your device directly on the scanner. This step is essential for accessing software updates and technical support.

## 3. Connecting to Your Vehicle

The NT809BT utilizes a wireless VCI (Vehicle Communication Interface) dongle for connection to your vehicle's OBD-II port. This wireless capability allows for a stable connection range of up to 65.62 feet (20 meters), providing flexibility during diagnostics.

1. Locate the OBD-II port in your vehicle. This is typically found under the dashboard on the driver's side. The VCI dongle includes a built-in LED light to assist in locating the port in dark environments.
2. Plug the Bluetooth VCI Dongle firmly into the vehicle's OBD-II port. The dongle will power on automatically.
3. Ensure the NT809BT tablet is powered on and Bluetooth is enabled. The tablet will automatically establish a wireless connection with the VCI dongle.
4. Turn the vehicle's ignition to the 'ON' position (engine can be off or running, depending on the diagnostic task).

## FOXWELL NT809BT QUICK DIAGNOSTIC GUIDE

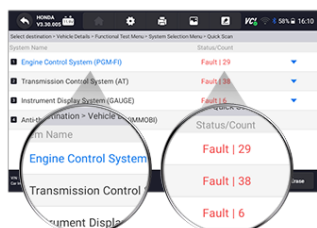
### 1. Automatically identify VIN

#### 1. After identifying Vin, Click 'Quick Scan'

Please note that if the car itself is older, some systems may not be present in the car itself. In this case, NT809BT will display this system, but further clicking on it will result in no content.

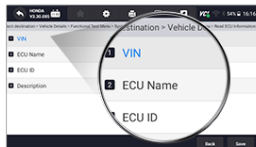
#### 2. NT809BT enters full system diagnosis

After the detection is completed, NT809BT will list all problematic car modules. Click on any error module to view its fault code and the faulty component.

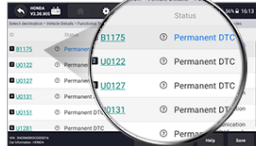


### 2. Click on any faulty module to perform relevant operations

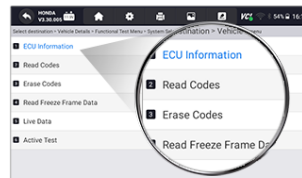
#### 1. ECU Information



#### 2. Read Codes



Equipped with DTC LOOKUP function, it directly tells you the meaning of the fault code and the manufacturer/version/model of the damaged part. Convenient for you to directly find the corresponding parts for replacement.



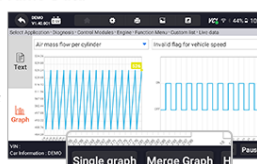
#### 3. Clear Codes

Click to clear the fault code. Please note that if the fault code cannot be cleared or repeatedly appears after being cleared, it means that there is a real fault in this part of your car. Please repair it as soon as possible and use NT809BT to clear the code after it is fixed. At this time, the fault code can be completely cleared.

#### 4. Read Freeze Frame Data

4 in 1 real-time data, available in both text and chart versions.

#### 5. Active Test



### 3. Maintenance Functions

Go to maintenance from the menu and select the function you want to reset.

After entering, NT809BT will directly tell you what to do, such as

**DSC: XXX routine**

Open rear left blower screw, One person is required to sit in the vehicle and to press the brake pedal at intervals of approx. 5 seconds.

**YES**



Image: The wireless VCI dongle with its integrated light, simplifying connection to the vehicle's OBD-II port.

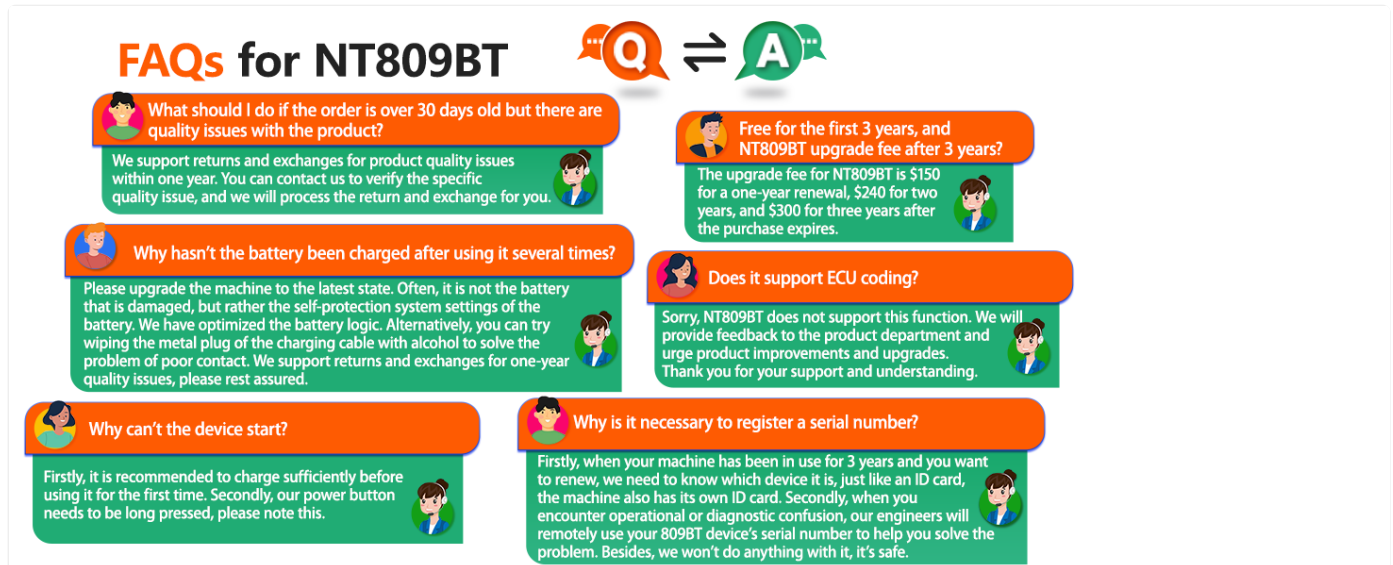
# OPERATING THE NT809BT

## 1. User Interface and Navigation

The NT809BT operates on Android 9.0 OS and features a 7-inch ultra-responsive touchscreen (1024x600 resolution). The interface is designed for intuitive operation, allowing users to swipe through modules and select from various font sizes for improved readability. The main menu provides access to Diagnostics, Maintenance, Data Manager, and other functions.

## 2. Vehicle Identification

The device supports automatic VIN identification for most vehicles, quickly retrieving vehicle information. If automatic VIN detection takes too long or fails, you can manually enter the VIN.



The infographic is titled "FAQs for NT809BT" and features a central graphic with a question mark in an orange circle and an answer mark in a green circle, connected by a double-headed arrow. Below this, there are six question-and-answer pairs, each with a small icon of a person and a speech bubble. The questions and answers are as follows:

- Q:** What should I do if the order is over 30 days old but there are quality issues with the product?  
**A:** We support returns and exchanges for product quality issues within one year. You can contact us to verify the specific quality issue, and we will process the return and exchange for you.
- Q:** Why hasn't the battery been charged after using it several times?  
**A:** Please upgrade the machine to the latest state. Often, it is not the battery that is damaged, but rather the self-protection system settings of the battery. We have optimized the battery logic. Alternatively, you can try wiping the metal plug of the charging cable with alcohol to solve the problem of poor contact. We support returns and exchanges for one-year quality issues, please rest assured.
- Q:** Free for the first 3 years, and NT809BT upgrade fee after 3 years?  
**A:** The upgrade fee for NT809BT is \$150 for a one-year renewal, \$240 for two years, and \$300 for three years after the purchase expires.
- Q:** Does it support ECU coding?  
**A:** Sorry, NT809BT does not support this function. We will provide feedback to the product department and urge product improvements and upgrades. Thank you for your support and understanding.
- Q:** Why can't the device start?  
**A:** Firstly, it is recommended to charge sufficiently before using it for the first time. Secondly, our power button needs to be long pressed, please note this.
- Q:** Why is it necessary to register a serial number?  
**A:** Firstly, when your machine has been in use for 3 years and you want to renew, we need to know which device it is, just like an ID card, the machine also has its own ID card. Secondly, when you encounter operational or diagnostic confusion, our engineers will remotely use your 809BT device's serial number to help you solve the problem. Besides, we won't do anything with it, it's safe.

Image: A quick guide illustrating the steps for VIN identification, reading/clearing codes, and accessing maintenance functions.

## 3. Core Diagnostic Functions

The NT809BT provides comprehensive diagnostic capabilities for all available vehicle systems, including Engine, Transmission, ABS, SRS, Air Conditioning, and more.

- **Read Codes:** Retrieves Diagnostic Trouble Codes (DTCs) from the vehicle's control modules.
- **Clear Codes:** Erases DTCs from the vehicle's memory after repairs are completed.
- **Live Data Stream:** Displays real-time data parameters from various sensors and components in text or graph format. This allows for dynamic monitoring of vehicle performance.
- **Freeze Frame Data:** Captures a snapshot of vehicle operating conditions at the moment a DTC was set, aiding in diagnosis.
- **I/M Readiness:** Checks the status of emission-related monitors to determine if the vehicle is ready for an emissions test.

## 4. Bidirectional Control (Active Tests)

Bidirectional control allows the diagnostic tool to send commands to the vehicle's ECUs to perform specific tests and functions, verifying component integrity and operation. This includes, but is not limited to:

- Fuel Pump activation
- Parking Brake release/engagement
- Radiator Fan activation
- Injector tests
- Doors and Windows operation



- Modulate Throttle
- Cycle A/C
- Operate Mirrors
- Interior/Exterior Lights activation
- Sound Horn
- And many more system-specific tests.



Image: A visual guide to performing bidirectional active tests, showing the scanner sending commands to vehicle components.

# ACTIVE TEST LIST



Radiator Fan



Injector



ACM Solenoid



Doors and Windows



Buz



Inlet & Outlet Valve



Parking Brake



Sound Horn



VB65(Front evaporator shutoff valve)



Interior light



Radio



Fuel Pump



Test Injector



Cycle A/C



Open Brakes



Modulate Throttle



ACC Lkas



Operate Mirrors



Exterior Lights



Oil Pressure Control



Brake Vacuum



Left Clutch Elec.Coil



360°Camera



Wheel Speed Sensor

And More ...

Image: A comprehensive list of active tests supported by the NT809BT, including radiator fan, injector, parking brake, and more.

## MAINTENANCE AND SERVICE FUNCTIONS

The NT809BT offers over 30 specialized maintenance and reset functions to assist with common vehicle service tasks. These functions help in resetting warning lights, calibrating components, and performing adaptations after repairs.

### Key Maintenance Functions:

- **ABS Bleeding:** Releases air from the ABS brake pump pressure system after repairing the brake system or replacing brake fluid, ensuring optimal braking performance.
- **Oil Reset:** Resets mileage or maintenance time to zero after an oil change, turning off the maintenance light and initiating a new maintenance cycle.
- **EPB Service:** Diagnoses and resets the Electronic Parking Brake system by communicating with the control module, ensuring proper actuator operation and brake effectiveness after repairs or adjustments.
- **SAS Alignment:** Calibrates the Steering Angle Sensor after replacement or alignment, ensuring correct steering

angle readings.

- **Throttle Adaptation:** Recalibrates the throttle body after cleaning or replacement to correct distortion, inaccuracies, or sticking, ensuring smooth engine performance.
- **Injector Programming:** Writes or updates injector codes in the ECU when replacing or swapping fuel injectors, enabling precise control of fuel injection per cylinder.
- **DPF Regeneration:** Burns off accumulated carbon particles in the Diesel Particulate Filter to reduce back pressure, restoring engine power and ensuring unobstructed exhaust flow.
- **TPMS Reset:** Resets the Tire Pressure Monitoring System after tire rotation, sensor replacement, or tire pressure adjustment.
- **Window-Door Calibration:** Performs initial setup for power windows and doors after battery disconnection or component replacement.
- **Transmission Learning:** Resets transmission adaptive values after repairs or component replacement.
- **Suspension Reset:** Adjusts or calibrates the vehicle's suspension system.
- **Battery Coding (BMS Reset):** Registers a new battery with the vehicle's Battery Management System.
- And many more, including Gear Learn, CVT, Seat Match, G Sensor Learn, Headlamp, Odometer, Prime Fuel Pump, Turbo, and Windows/Door.



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EGR RESET



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SEAT MATCH



G SENSOR LEARN



Oil Reset



ABS Service



SAS Reset



EPB Reset



D-P-F Regeneration



Throttle Reset



BMS Reset



Injector Coding

Image: A visual summary of over 30 maintenance and hot services available on the NT809BT, including Oil Reset, ABS Service, and DPF Regeneration.

## WHAT'S IN THE BOX?

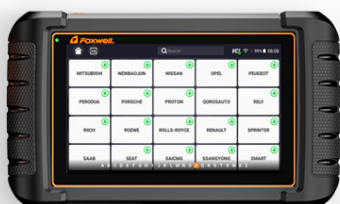




Image: A comprehensive list of all reset functions supported by the NT809BT, such as ABS Service, AFR Adaptation, BRT, Clutch Adaptation, and more.

## SOFTWARE AND UPDATES

The NT809BT comes with 3 years of free software updates, ensuring compatibility with the latest vehicle models and diagnostic protocols. After the initial 3-year period, technical guidance remains available. Updates are performed via Wi-Fi directly on the device.

1. Connect the NT809BT to a stable Wi-Fi network.
2. Navigate to the 'Update' section on the main menu.
3. The device will check for available software and vehicle database updates.
4. Select the desired updates and follow the on-screen prompts to download and install them.

## REPORTING AND DATA MANAGEMENT

The NT809BT allows for efficient data management, including recording, playback, and report generation.

- **Data Playback & Recording:** Record live data streams for later review and analysis.
- **PDF Reporting:** Generate professional PDF diagnostic reports with a single click. These reports can be saved, printed, or shared via email, Bluetooth, or Wi-Fi.
- **Screenshots:** Capture screenshots of diagnostic screens at any time for documentation.

# 16 YEARS OF EXPERIENCE IN CAR DIAGNOSE INDUSTRY

A horizontal timeline with orange circles representing years from 2007 to 2023. The timeline is divided into four main sections by vertical lines. Each section contains exhibition details for specific years. The years 2019, 2020, 2022, and 2023 are highlighted in orange circles. The timeline ends with a double arrow pointing to the right.

Year	Location	Exhibition Name	Booth No.
2007	In Ho Chi Minh	Automechanika Ho Chi Minh City 2019	Booth: 427
2019	In Brazil	AUTOMEC 2019 Brazil	Booth: 4000
2020	In Mexico	PAACE 2019 AUTOMECHANICA MEXICO CITY	Booth No. 101
2020	In ShangHai	AUTOMECHANICA SHANGHAI	Booth: 1120
2022	In Panama	Automechanika Panama	Booth: P1524
2023	In Frankfurt	FOXWELL Attended automechanika Frankfurt 2022	Booth No. J7934
2023	In Las Vegas	JOIN FOXWELL IN LAS VEGAS aapex	Booth No. J7934
2023	In Las Vegas	SEMA	Booth: 43271

Image: An illustration of the NT809BT's capabilities for data playback, recording, generating PDF diagnostic reports, and remote diagnosis support.

## SPECIFICATIONS

Feature	Description
Model	NT809BT Wireless Scan Tool Orange
Operating System	Android 9.0
Processor	4-Core (1.3Ghz)

Display	7-inch HD Touch Screen (1024x600)
Memory	1GB RAM + 32GB Storage
Battery	4000mAh Lithium Ion (3+ hours runtime)
Connectivity	Wireless VCI (Bluetooth, 65.62ft range), Wi-Fi
Dimensions	9.84"L x 5.7"W x 1.5"H (24.99 x 14.48 x 3.81 cm)
Item Weight	4.58 pounds (2.08 kg)
Supported Languages	24+ languages
Vehicle Coverage	100+ car makes, 10000+ models (USA, Europe, Asia compatible)

# HIGH COST PERFORMANCE OPTIONS

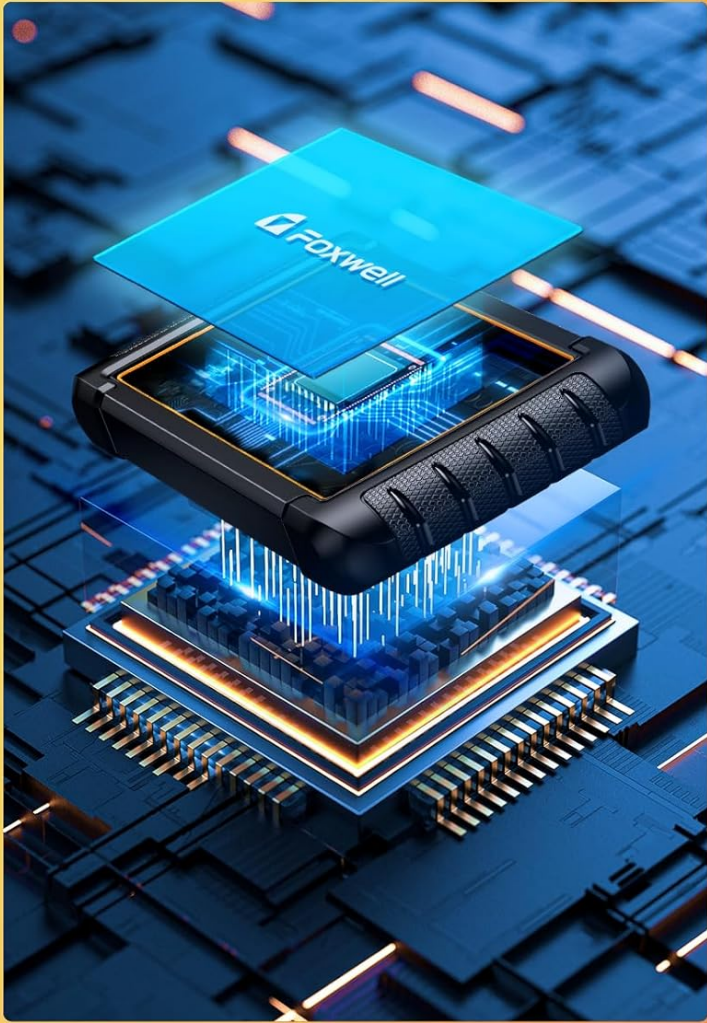


Image: Key technical specifications and features of the NT809BT, including its processor, operating system, display, and battery capacity.



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KIA



INFINITI



LEXUS



HYUNDAI



SUZUKI



MAZDA



NISSAN



TOYOTA



SUBARU

**MORE**  
...

Image: Geographic representation of the extensive vehicle compatibility of the NT809BT across American, European, and Asian car markets.

## TROUBLESHOOTING

This section addresses common issues and provides solutions to help you resolve problems encountered during the use of your NT809BT scanner.

### Common Issues and Solutions:

- **Device Not Starting or Charging:**

Ensure the device is sufficiently charged, especially before first use. If the device does not power on, press and hold the power button. If charging issues persist, it might not be a battery defect but rather a self-protection system. Try cleaning the metal plug of the charging cable with alcohol to resolve poor contact. Ensure you are using the original USB-C cable.

- **Automatic VIN Function Takes Too Long or Fails:**



While 99% of cars support automatic VIN detection, if it takes an extended period, stop the process and manually enter the VIN. This ensures accurate vehicle identification.

- **"No Communication" Error:**

This error typically indicates a problem with the connection between the scanner and the vehicle. Verify the following:

- The VCI dongle is correctly and firmly plugged into the vehicle's OBD-II port.
- The vehicle's ignition is turned to the 'ON' position.
- The NT809BT tablet's battery is sufficiently charged.
- Bluetooth is enabled on the tablet and the VCI dongle is paired.

- **TPMS Sensor Programming:**

The NT809BT handles TPMS reset functions. However, it does not support direct TPMS sensor programming or "learning" new sensors. A separate dedicated TPMS tool may be required for these specific tasks.

- **Vehicle Compatibility Concerns (e.g., Chrysler):**

While the NT809BT offers broad compatibility, specific functions or full system access may vary by vehicle year, model, and VIN. For detailed functional compatibility, it is recommended to contact FOXWELL support with your vehicle's VIN.

- **Incorrect Code Descriptions:**

If you encounter instances where code descriptions do not match the expected fault (e.g., P0455 for traction control instead of EVAP system), ensure your device software is fully updated. If the issue persists, contact technical support for assistance, as continuous software updates aim to improve accuracy.

**PRODUCT APPEARANCE FUNCTION**  
**UPGRADE NO LONGER SEARCHING FOR SOCKETS IN THE DARK**

**2025 NEWEST BLUETOOTH DIAGNOSIS**  
No bothering wires

NT809BT 65.61ft. Wireless Version, more be free on/outside of the car

Wired Version, not convenience, be limited by short cable

Image: A visual FAQ section addressing common user queries regarding product issues, updates, and functionality.

## WARRANTY AND SUPPORT

FOXWELL is committed to providing reliable products and excellent customer service.

- **After-Sales Service:** A one-year after-sales service is provided for product quality issues. If you experience any usage or quality issues within one year of purchase, contact FOXWELL directly through your order interface for verification and assistance with returns or exchanges.
- **Software Updates:** Enjoy 3 years of free software updates from the date of purchase. After this period, technical guidance remains available.
- **Technical Support:** Lifelong technical support is provided by FOXWELL engineers. Remote guidance is available to help resolve complex diagnostic problems.

- **VCI Replacement:** If the matching VCI dongle is accidentally lost, it can be purchased separately by contacting FOXWELL support.

For technical support or inquiries, please refer to the contact information provided with your product or reach out via the official FOXWELL support channels.

CAN BE DIRECTLY INSERTED AND USED WITH FOXWELL VS300 ENDOSCOPE



Image: Overview of FOXWELL's customer support commitments, including update policies and technical assistance availability.



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Related Documents - NT809BT

	<p><a href="#">Foxwell NT809BT Quick Start Guide - Automotive Diagnostic Tool</a></p> <p>A concise guide to setting up and using the Foxwell NT809BT automotive diagnostic tool, covering vehicle connection, diagnosis methods, registration, FAQs, remote support, and software updates.</p>
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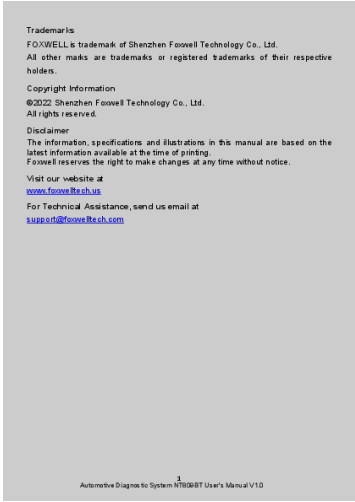
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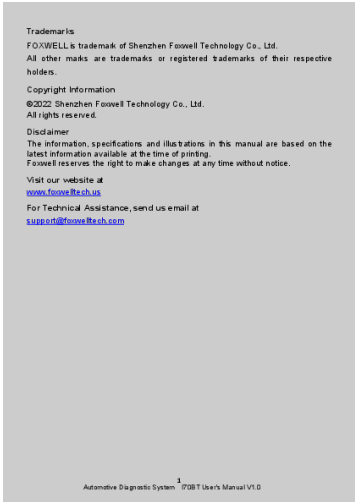
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[FOXWELL NT809BT Automotive Diagnostic System User Manual](#)

Comprehensive user manual for the FOXWELL NT809BT Automotive Diagnostic System, covering safety information, setup, vehicle identification, diagnosis, maintenance, data management, account settings, updates, and remote support.

lang:en score:45 filesize: 5.47 M page\_count: 67 document date: 2023-02-27

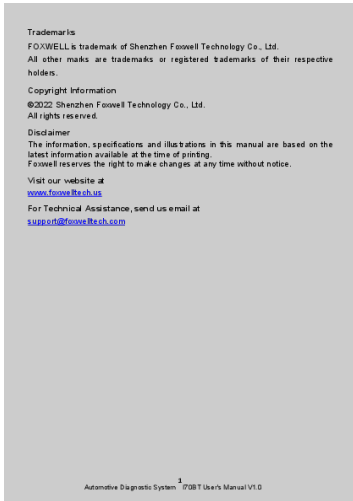


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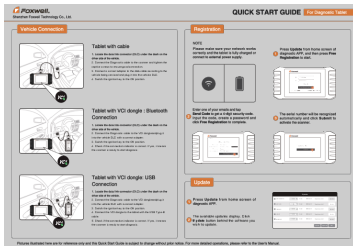


[pdf] User Manual Specifications Warranty

Foxwell Joy User Manual Shenzhen Technology Co Ltd FOX200 Automotive Diagnostic Tool 2AXCX 2AXCXFOX200 fox200

Trademarks FOXWELL is trademark of Shenzhen Foxwell Technology Co., Ltd. All other marks are tradema ... able items such as buttons and menu options. Example: Select Diagnostic from the Home screen of the **NT809BT** application. 1.2 Symbols and Icons 1.2.1 Solid Spot Operation tips and lists that apply to s...

lang:en score:38 filesize: 2.63 M page\_count: 68 document date: 2022-09-13



[pdf] Quick Start Guide Guide

NT809 NT809BT Quick Start Guide usa guigu public oss us west 1 aliyncs WEB article attach product 20221121151921 |||

2. Connect the Diagnostic cable to the scanner and tighten the captive screws to ensure good connection. 3. Connect a correct adapter to the data cable according to the vehicle being serviced and plug it into the vehicle DLC. 4. Switch the ignition key to the ON position. 2. Connect the Diagnostic ...

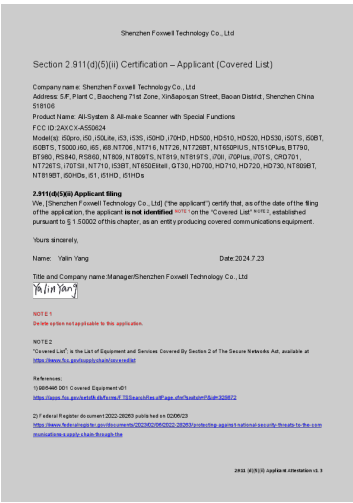
lang:en score:28 filesize: 11.81 M page\_count: 2 document date: 2021-11-17



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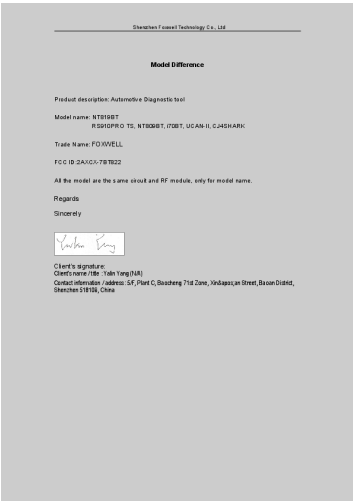
dell990 2 911 d 5 i CertificationEquipmentTypev1 Shenzhen Foxwell Technology Co Ltd A550624 2AXCX 2AXCXA550624 a550624

Shenzhen Foxwell Technology Co., Ltd Section 2.911 d 5 i Certification Equipment Type Company n ... lus, i70TS, CRD701, NT726TS, i70TSII, NT710, I53BT, NT650EliteII, GT30, HD700, HD710, HD720, HD730, **NT809BT**, NT819BT, i50HDs, i51, i51HD, i51HDs 2.911 d 5 i Equipment Type We, Shenzhen Foxwell Tec...  
lang:en score:26 filesize: 96.84 K page\_count: 1 document date: 2024-07-23



[pdf]

dell990 2 911 d 5 ii CertificationApplicantv1 Shenzhen Foxwell Technology Co Ltd A550624 2AXCX 2AXCXA550624 a550624  
Shenzhen Foxwell Technology Co., Ltd Section 2.911 d 5 ii Certification Applicant Covered List ... lus, i70TS, CRD701, NT726TS, i70TSII, NT710, I53BT, NT650EliteII, GT30, HD700, HD710, HD720, HD730, **NT809BT**, NT819BT, i50HDs, i51, i51HD, i51HDs 2.911 d 5 ii Applicant filing We, Shenzhen Foxwell...  
lang:en score:26 filesize: 94.3 K page\_count: 1 document date: 2024-07-23



[pdf] Declaration of Conformity

tom Family declaration Shenzhen Foxwell Technology Co Ltd 7BT822 Automotive Diagnostic tool 2AXCX 2AXCX7BT822 7bt822

Shenzhen Foxwell Technology Co., Ltd Model Difference Product description: Automotive Diagnostic tool Model name: NT819BT RS910PRO TS, **NT809BT**, i70BT, UCAN-II, CJ4SHARK Trade Name: FOXWELL FCC ID:2AXCX-7BT822 All the model are the same circuit and RF module, only for model name. Regards Sincerely Cl...  
lang:en score:26 filesize: 73.11 K page\_count: 1 document date: 2022-09-14





Shenzhen Foxwell Technology Co., Ltd.

Model Difference

Product description: All System & All make Summer with Special Functions

Model name: K20s

60, 60A, 60B, 60C, 60D, 60E, 60F, 60G, 60H, 60I, 60J, 60K, 60L, 60M, 60N, 60O, 60P, 60Q, 60R, 60S, 60T, 60U, 60V, 60W, 60X, 60Y, 60Z, 60AA, 60AB, 60AC, 60AD, 60AE, 60AF, 60AG, 60AH, 60AI, 60AJ, 60AK, 60AL, 60AM, 60AN, 60AO, 60AP, 60AQ, 60AR, 60AS, 60AT, 60AU, 60AV, 60AW, 60AX, 60AY, 60AZ, 60BA, 60BB, 60BC, 60BD, 60BE, 60BF, 60BG, 60BH, 60BI, 60BJ, 60BK, 60BL, 60BM, 60BN, 60BO, 60BP, 60BQ, 60BR, 60BS, 60BT, 60BU, 60BV, 60BW, 60BX, 60BY, 60BZ, 60CA, 60CB, 60CC, 60CD, 60CE, 60CF, 60CG, 60CH, 60CI, 60CJ, 60CK, 60CL, 60CM, 60CN, 60CO, 60CP, 60CQ, 60CR, 60CS, 60CT, 60CU, 60CV, 60CW, 60CX, 60CY, 60CZ, 60DA, 60DB, 60DC, 60DD, 60DE, 60DF, 60DG, 60DH, 60DI, 60DJ, 60DK, 60DL, 60DM, 60DN, 60DO, 60DP, 60DQ, 60DR, 60DS, 60DT, 60DU, 60DV, 60DW, 60DX, 60DY, 60DZ, 60EA, 60EB, 60EC, 60ED, 60EE, 60EF, 60EG, 60EH, 60EI, 60EJ, 60EK, 60EL, 60EM, 60EN, 60EO, 60EP, 60EQ, 60ER, 60ES, 60ET, 60EU, 60EV, 60EW, 60EX, 60EY, 60EZ, 60FA, 60FB, 60FC, 60FD, 60FE, 60FF, 60FG, 60FH, 60FI, 60FJ, 60FK, 60FL, 60FM, 60FN, 60FO, 60FP, 60FQ, 60FR, 60FS, 60FT, 60FU, 60FV, 60FW, 60FX, 60FY, 60FZ, 60GA, 60GB, 60GC, 60GD, 60GE, 60GF, 60GG, 60GH, 60GI, 60GJ, 60GK, 60GL, 60GM, 60GN, 60GO, 60GP, 60GQ, 60GR, 60GS, 60GT, 60GU, 60GV, 60GW, 60GX, 60GY, 60GZ, 60HA, 60HB, 60HC, 60HD, 60HE, 60HF, 60HG, 60HH, 60HI, 60HJ, 60HK, 60HL, 60HM, 60HN, 60HO, 60HP, 60HQ, 60HR, 60HS, 60HT, 60HU, 60HV, 60HW, 60HX, 60HY, 60HZ, 60IA, 60IB, 60IC, 60ID, 60IE, 60IF, 60IG, 60IH, 60II, 60IJ, 60IK, 60IL, 60IM, 60IN, 60IO, 60IP, 60IQ, 60IR, 60IS, 60IT, 60IU, 60IV, 60IW, 60IX, 60IY, 60IZ, 60JA, 60JB, 60JC, 60JD, 60JE, 60JF, 60JG, 60JH, 60JI, 60JJ, 60JK, 60JL, 60JM, 60JN, 60JO, 60JP, 60JQ, 60JR, 60JS, 60JT, 60JU, 60JV, 60JW, 60JX, 60JY, 60JZ, 60KA, 60KB, 60KC, 60KD, 60KE, 60KF, 60KG, 60KH, 60KI, 60KJ, 60KK, 60KL, 60KM, 60KN, 60KO, 60KP, 60KQ, 60KR, 60KS, 60KT, 60KU, 60KV, 60KW, 60KX, 60KY, 60KZ, 60LA, 60LB, 60LC, 60LD, 60LE, 60LF, 60LG, 60LH, 60LI, 60LJ, 60LK, 60LL, 60LM, 60LN, 60LO, 60LP, 60LQ, 60LR, 60LS, 60LT, 60LU, 60LV, 60LW, 60LX, 60LY, 60LZ, 60MA, 60MB, 60MC, 60MD, 60ME, 60MF, 60MG, 60MH, 60MI, 60MJ, 60MK, 60ML, 60MM, 60MN, 60MO, 60MP, 60MQ, 60MR, 60MS, 60MT, 60MU, 60MV, 60MW, 60MX, 60MY, 60MZ, 60NA, 60NB, 60NC, 60ND, 60NE, 60NF, 60NG, 60NH, 60NI, 60NJ, 60NK, 60NL, 60NM, 60NN, 60NO, 60NP, 60NQ, 60NR, 60NS, 60NT, 60NU, 60NV, 60NW, 60NX, 60NY, 60NZ, 60OA, 60OB, 60OC, 60OD, 60OE, 60OF, 60OG, 60OH, 60OI, 60OJ, 60OK, 60OL, 60OM, 60ON, 60OO, 60OP, 60OQ, 60OR, 60OS, 60OT, 60OU, 60OV, 60OW, 60OX, 60OY, 60OZ, 60PA, 60PB, 60PC, 60PD, 60PE, 60PF, 60PG, 60PH, 60PI, 60PJ, 60PK, 60PL, 60PM, 60PN, 60PO, 60PP, 60PQ, 60PR, 60PS, 60PT, 60PU, 60PV, 60PW, 60PX, 60PY, 60PZ, 60QA, 60QB, 60QC, 60QD, 60QE, 60QF, 60QG, 60QH, 60QI, 60QJ, 60QK, 60QL, 60QM, 60QN, 60QO, 60QP, 60QQ, 60QR, 60QS, 60QT, 60QU, 60QV, 60QW, 60QX, 60QY, 60QZ, 60RA, 60RB, 60RC, 60RD, 60RE, 60RF, 60RG, 60RH, 60RI, 60RJ, 60RK, 60RL, 60RM, 60RN, 60RO, 60RP, 60RQ, 60RR, 60RS, 60RT, 60RU, 60RV, 60RW, 60RX, 60RY, 60RZ, 60SA, 60SB, 60SC, 60SD, 60SE, 60SF, 60SG, 60SH, 60SI, 60SJ, 60SK, 60SL, 60SM, 60SN, 60SO, 60SP, 60SQ, 60SR, 60SS, 60ST, 60SU, 60SV, 60SW, 60SX, 60SY, 60SZ, 60TA, 60TB, 60TC, 60TD, 60TE, 60TF, 60TG, 60TH, 60TI, 60TJ, 60TK, 60TL, 60TM, 60TN, 60TO, 60TP, 60TQ, 60TR, 60TS, 60TT, 60TU, 60TV, 60TW, 60TX, 60TY, 60TZ, 60UA, 60UB, 60UC, 60UD, 60UE, 60UF, 60UG, 60UH, 60UI, 60UJ, 60UK, 60UL, 60UM, 60UN, 60UO, 60UP, 60UQ, 60UR, 60US, 60UT, 60UU, 60UV, 60UW, 60UX, 60UY, 60UZ, 60VA, 60VB, 60VC, 60VD, 60VE, 60VF, 60VG, 60VH, 60VI, 60VJ, 60VK, 60VL, 60VM, 60VN, 60VO, 60VP, 60VQ, 60VR, 60VS, 60VT, 60VU, 60VV, 60VW, 60VX, 60VY, 60VZ, 60WA, 60WB, 60WC, 60WD, 60WE, 60WF, 60WG, 60WH, 60WI, 60WJ, 60WK, 60WL, 60WM, 60WN, 60WO, 60WP, 60WQ, 60WR, 60WS, 60WT, 60WU, 60WV, 60WW, 60WX, 60WY, 60WZ, 60XA, 60XB, 60XC, 60XD, 60XE, 60XF, 60XG, 60XH, 60XI, 60XJ, 60XK, 60XL, 60XM, 60XN, 60XO, 60XP, 60XQ, 60XR, 60XS, 60XT, 60XU, 60XV, 60XW, 60XX, 60XY, 60XZ, 60YA, 60YB, 60YC, 60YD, 60YE, 60YF, 60YG, 60YH, 60YI, 60YJ, 60YK, 60YL, 60YM, 60YN, 60YO, 60YP, 60YQ, 60YR, 60YS, 60YT, 60YU, 60YV, 60YW, 60YX, 60YY, 60YZ, 60ZA, 60ZB, 60ZC, 60ZD, 60ZE, 60ZF, 60ZG, 60ZH, 60ZI, 60ZJ, 60ZK, 60ZL, 60ZM, 60ZN, 60ZO, 60ZP, 60ZQ, 60ZR, 60ZS, 60ZT, 60ZU, 60ZV, 60ZW, 60ZX, 60ZY, 60ZZ

Trade Name: N/A

All the model are the same circuit and RF module, except for model name.

Regards

Sincerely

Client's signature: [Signature]

Client's name: Mr. Yalin Yang/Manager

Contact information: Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

[pdf] Declaration of Conformity

tom Model Difference Declaration Shenzhen Foxwell Technology Co Ltd A550624 2AXCX  
2AXCXA550624 a550624

Shenzhen Foxwell Technology Co., Ltd Model Difference Product description: All-System All-make Sc ... lus, i70TS, CRD701, NT726TS, i70TSII, NT710, I53BT, NT650EliteII, GT30, HD700, HD710, HD720, HD730, **NT809BT**, NT819BT Trade Name: N/A All the model are the same circuit and RF module, except for model ...  
lang:tl **score:25** filesize: 123.44 K page\_count: 1 document date: 2024-07-23

Project No.: ZKT-2209016372E-2 Page 1 of 39

FCC TEST REPORT  
FCC ID:2AXCX-7BT822

Report Number: ZKT-2209016372E-2

Date of Test: Sep. 07, 2022 to Sep. 27, 2022

Date of Issue: Sep. 27, 2022

Total number of pages: 38

Test Result: PASS

Testing Laboratory: Shenzhen ZKT Technology Co., Ltd.

Address: SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China

Applicant's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Manufacturer's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Test specification: FCC CFR Title 47 Part 15 Subpart C Section 15.247 AND 15.249

Standard: /

Test procedure: /

Non-standard test method: N/A

Test Report Form No.: TRF-EL-118\_UG

Test Report Form(s) Originator: ZKT Testing

Master TSP: /

This device described above has been tested by ZKT and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except by full written approval of ZKT. No document may be altered or revised by ZKT personnel only, and shall be noted in the revision of the document.

Product name: Automotive Diagnostic tool

Trademark: FOXWELL

Model/Type reference: NT809BT

Rating: Input DC 5V is powered by a 3.7V battery

Shenzhen ZKT Technology Co., Ltd.  
SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China  
Tel: +86-755-2201-0170 Fax: +86-755-2201-0188 E-mail: info@zkt.com.cn Website: www.zkt.com.cn

[pdf] Specifications Test Report

Measurement Report Kent Test reports Shenzhen Foxwell Technology Co Ltd 7BT822 Automotive Diagnostic tool 2AXCX 2AXCX7BT822 7bt822

Project No.: ZKT-2209016372E-2 Page 1 of 39 FCC TEST REPORT FCC ID:2AXCX-7BT822 Report Number..... : FOXWELL Model/Type  
reference..... : NT819BT RS910PRO TS, **NT809BT**, i70BT, UCAN-II, CJ4SHARK Ratings..... : Input:..  
lang:en **score:21** filesize: 1.99 M page\_count: 39 document date: 2022-10-17

Project No.: ZKT-2209016372E-1 Page 1 of 80

FCC TEST REPORT  
FCC ID:2AXCX-7BT822

Report Number: ZKT-2209016372E-1

Date of Test: Sep. 01, 2022 to Sep. 08, 2022

Date of Issue: Sep. 08, 2022

Total number of pages: 80

Test Result: PASS

Testing Laboratory: Shenzhen ZKT Technology Co., Ltd.

Address: SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China

Applicant's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Manufacturer's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Test specification: FCC CFR Title 47 Part 15 Subpart C Section 15.247 AND 15.249

Standard: /

Test procedure: /

Non-standard test method: N/A

Test Report Form No.: TRF-EL-118\_UG

Test Report Form(s) Originator: ZKT Testing

Master TSP: /

This device described above has been tested by ZKT and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Product name: Automotive Diagnostic tool

Trademark: FOXWELL

Model/Type reference: NT809BT

Rating: Input DC 5V is powered by a 3.7V battery

Shenzhen ZKT Technology Co., Ltd.  
SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China  
Tel: +86-755-2201-0170 Fax: +86-755-2201-0188 E-mail: info@zkt.com.cn Website: www.zkt.com.cn

[pdf] Specifications Test Report

Test reports Shenzhen Foxwell Technology Co Ltd 7BT822 Automotive Diagnostic tool 2AXCX 2AXCX7BT822 7bt822

Project No.: ZKT-2209016372E-1 Page 1 of 80 FCC TEST REPORT FCC ID:2AXCX-7BT822 Report Number..... : FOXWELL Model/Type  
reference..... : NT819BT RS910PRO TS, **NT809BT**, i70BT, UCAN-II, CJ4SHARK Ratings..... : Input:..  
lang:en **score:20** filesize: 8.11 M page\_count: 2 document date: 2022-08-18

Project No.: ZKT-2209016372E-1 Page 1 of 80

FCC TEST REPORT  
FCC ID:2AXCX-7BT822

Report Number: ZKT-2209016372E-1

Date of Test: Sep. 01, 2022 to Sep. 08, 2022

Date of Issue: Sep. 08, 2022

Total number of pages: 80

Test Result: PASS

Testing Laboratory: Shenzhen ZKT Technology Co., Ltd.

Address: SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China

Applicant's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Manufacturer's name: Shenzhen Foxwell Technology Co., Ltd.

Address: SF Plant C, Baocheng 7th Zone, Jindapocun Street, Baoan District, Shenzhen 518108, China

Test specification: FCC CFR Title 47 Part 15 Subpart C Section 15.247 AND 15.249

Standard: /

Test procedure: /

Non-standard test method: N/A

Test Report Form No.: TRF-EL-118\_UG

Test Report Form(s) Originator: ZKT Testing

Master TSP: /

This device described above has been tested by ZKT and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Product name: Automotive Diagnostic tool

Trademark: FOXWELL

Model/Type reference: NT809BT

Rating: Input DC 5V is powered by a 3.7V battery

Shenzhen ZKT Technology Co., Ltd.  
SF, No. 101, Building B, No. 4, Tangshan Community Industrial Avenue, Fuhai Street, Baoan District, Shenzhen, China  
Tel: +86-755-2201-0170 Fax: +86-755-2201-0188 E-mail: info@zkt.com.cn Website: www.zkt.com.cn

Project No.: ZKT-2209016372E Page 1 of 57

<b>FCC TEST REPORT</b> <b>FCC ID:2AXCX-7BT822</b>	
Report Number	ZKT-2209016372E
Date of Test	Sep. 01, 2022 to Sep. 09, 2022
Date of Issue	Sep. 2022
Total number of pages	57
Test Result	PASS
Testing Laboratory	Shenzhen ZKT Technology Co., Ltd.
Address	1/F, No. 101, Building B, No. 9, Tangpai Community Industrial Avenue, Futian Street, Bao'an District, Shenzhen, China
Applicant's name	Shenzhen Foxwell Technology Co., Ltd.
Address	SF, Plant C, Building 7 No.2 Zone, Jindaxian Street, Bao'an District, Shenzhen 518106, China
Manufacturer's name	Shenzhen Foxwell Technology Co., Ltd.
Address	SF, Plant C, Building 7 No.2 Zone, Jindaxian Street, Bao'an District, Shenzhen 518106, China
Test specification	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Standard	ANSI C63.10-2013
Test procedure	-
Nonstandard test method	N/A
Test Report Form No.	TRF-LS-15_UG
Test Report Foreign Originator	ZKT Testing
Master TRP	Shen 1020-01-00
The device described above has been tested by ZKT and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report. This report shall not be reproduced except in full without the written approval of ZKT. This document may be altered or revised by ZKT personnel only, and shall be noted in the revision of the document.	
Product name	Automotive Diagnostic tool
Trademark	FOXWELL
Model/Type reference	NT809BT
Rating	Input: DC 5V is powered by a 3.7V battery

Shenzhen ZKT Technology Co., Ltd.  
1/F, No. 101, Building B, No. 9, Tangpai Community Industrial Avenue, Futian Street, Bao'an District, Shenzhen, China  
Tel: +86-755-4000-8892 Fax: +86-755-4000-8893 Email: info@foxwell.com.cn Website: www.foxwell.com.cn

[pdf] Specifications Test Report

Measurement Report Kent Test reports Shenzhen Foxwell Technology Co Ltd 7BT822 Automotive

Diagnostic tool 2AXCX 2AXCX7BT822 7bt822

Project No.: ZKT-2209016372E Page 1 of 57 FCC TEST REPORT FCC ID:2AXCX-7BT822 Report Number..... : FOXWELL Model/Type

reference..... : NT819BT RS910PRO TS, **NT809BT**, i70BT, UCAN-II,

CJ4SHARK Ratings..... : Input:...

lang:en **score:18** filesize: 4.48 M page\_count: 57 document date: 2022-10-24

Project No.: ZKT-240146658E-3 Page 1 of 54

<b>FCC TEST REPORT</b> <b>FCC ID:2AXCX-A550624</b>	
Report Number	ZKT-240146658E-3
Date of Test	Apr. 28, 2024 to Jul. 02, 2024
Date of Issue	Jul. 02, 2024
Total number of pages	54
Test Result	PASS
Testing Laboratory	Shenzhen ZKT Technology Co., Ltd.
Address	1/F, No. 101, Building B, No. 9, Tangpai Community Industrial Avenue, Futian Street, Bao'an District, Shenzhen, China
Applicant's name	Shenzhen Foxwell Technology Co., Ltd.
Address	SF, Plant C, Building 7 No.2 Zone, Jindaxian Street, Bao'an District, Shenzhen 518106, China
Manufacturer's name	Shenzhen Foxwell Technology Co., Ltd.
Address	SF, Plant C, Building 7 No.2 Zone, Jindaxian Street, Bao'an District, Shenzhen 518106, China
Test specification	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Standard	ANSI C63.10-2013
Test procedure	-
Nonstandard test method	N/A
Test Report Form No.	TRF-LS-15_UG
Test Report Foreign Originator	ZKT Testing
Master TRP	Shen 1020-01-00
The device described above has been tested by ZKT and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report. This report shall not be reproduced except in full without the written approval of ZKT. This document may be altered or revised by ZKT personnel only, and shall be noted in the revision of the document.	
Product name	All Systems & All make Scanner with Special Functions
Trademark	N/A
Model/Type reference	8500s 8000s, 8010s, 8030s, 8040s, 8050s, 8060s, 8070s, 8080s, 8090s, 8100s, 8110s, 8120s, 8130s, 8140s, 8150s, 8160s, 8170s, 8180s, 8190s, 8200s, 8210s, 8220s, 8230s, 8240s, 8250s, 8260s, 8270s, 8280s, 8290s, 8300s, 8310s, 8320s, 8330s, 8340s, 8350s, 8360s, 8370s, 8380s, 8390s, 8400s, 8410s, 8420s, 8430s, 8440s, 8450s, 8460s, 8470s, 8480s, 8490s, 8500s, 8510s, 8520s, 8530s, 8540s, 8550s, 8560s, 8570s, 8580s, 8590s, 8600s, 8610s, 8620s, 8630s, 8640s, 8650s, 8660s, 8670s, 8680s, 8690s, 8700s, 8710s, 8720s, 8730s, 8740s, 8750s, 8760s, 8770s, 8780s, 8790s, 8800s, 8810s, 8820s, 8830s, 8840s, 8850s, 8860s, 8870s, 8880s, 8890s, 8900s, 8910s, 8920s, 8930s, 8940s, 8950s, 8960s, 8970s, 8980s, 8990s, 9000s, 9010s, 9020s, 9030s, 9040s, 9050s, 9060s, 9070s, 9080s, 9090s, 9100s, 9110s, 9120s, 9130s, 9140s, 9150s, 9160s, 9170s, 9180s, 9190s, 9200s, 9210s, 9220s, 9230s, 9240s, 9250s, 9260s, 9270s, 9280s, 9290s, 9300s, 9310s, 9320s, 9330s, 9340s, 9350s, 9360s, 9370s, 9380s, 9390s, 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