

FNIRSI FNB48 Android Bluetooth APP Instructions

1.0 Introduction

This APP only supports Android 5.1 or above, Bluetooth 4.0 or above, and does not support IOS system temporarily. Since the device uses a BLE Bluetooth module, So you cannot connect to FNB48 through system settings, You need to search and connect in the APP.

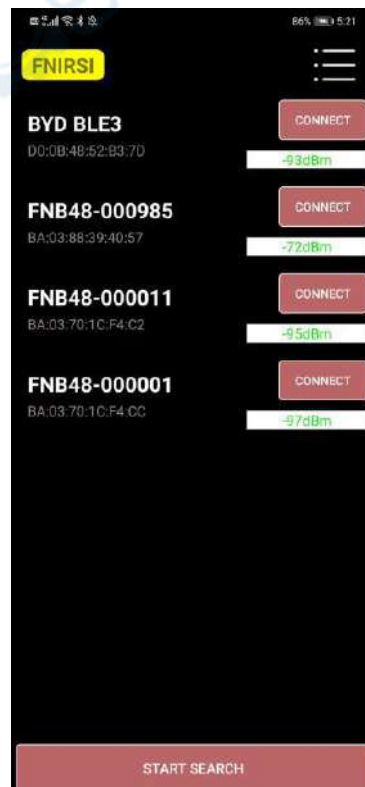
2.0 Software Installation

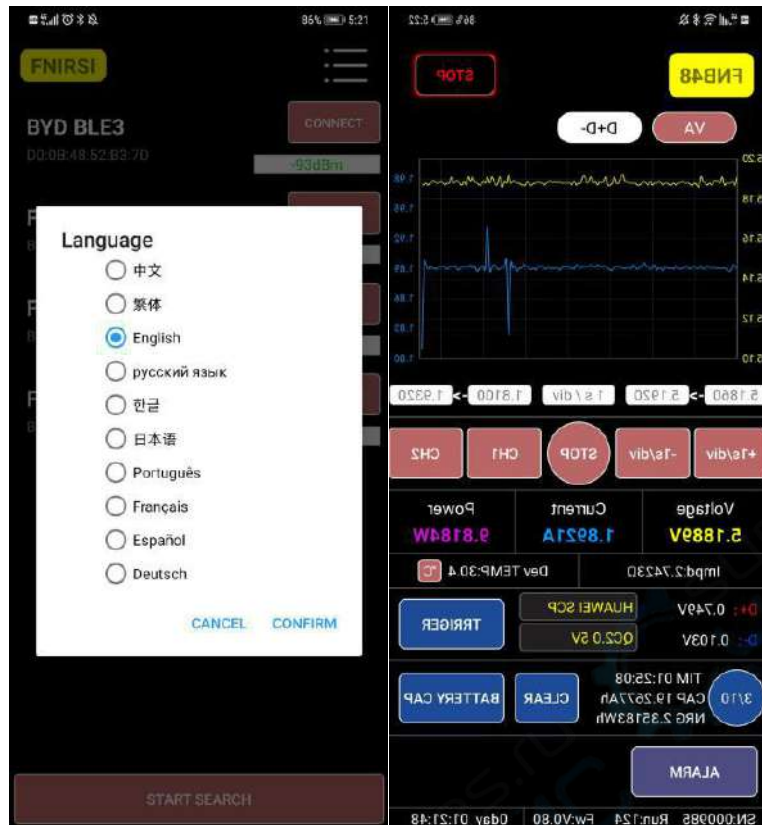
Download the Bluetooth APP installation file on the official website <http://www.fnirsi.cn/support>, Open the apk file and install it directly.

3.0 Software operation

3.0.1 Basic operation

In the scan interface, Click the upper right corner to select the language, After connecting the device to the main display page, You must click the start button in the upper right corner to operate.

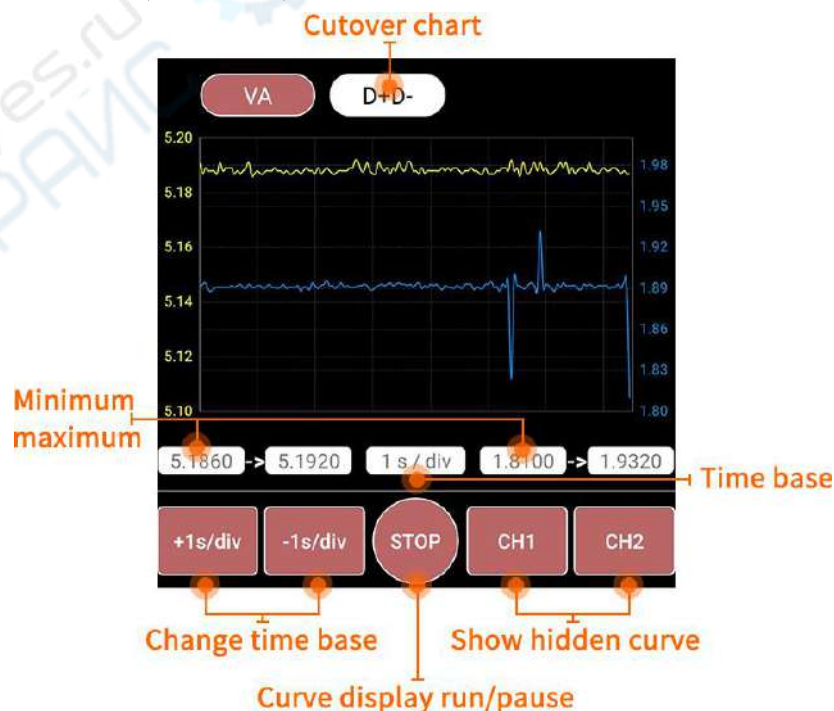




2. The graph, As shown,

In the VA table, Yellow represents voltage (unit: V), Blue represents current (unit: A);

In the D+\D- table, yellow represents D+ (unit: V), and blue represents D- (unit: V).



3. Key Operation Instructions

Annotations for Figure 3:

- Cutover temperature unit
- Enter trigger control
- Enter battery capacity calculation
- Clear the current statistics group
- Equipment running time
- Overcurrent and overvoltage alarm settings
- Switch statistics group

4. Application triggers only support QC2.0/QC3.0/Huawei FCP/Samsung AFC protocols for the time being.

5. Select the parameters below to modify the parameters uniformly.

VBATT: (3.0–5.0V) Battery voltage (3.0–5.0V)

EFF: Charging efficiency (80–100%)

The screenshot displays a mobile application interface for battery testing. At the top, there is a yellow button labeled 'FNB48' and a red button labeled 'STOP'. Below these is a table with five columns: CAP (Ah), NRG (Wh), VBATT (V), EFF (%), and BATT CAP (Ah). The table contains 8 rows of data. Below the table, there are controls for 'Total: VBATT(V)= 3.7' and 'EFF(%)= 90', along with 'Help' and 'Return' buttons. The bottom section shows real-time monitoring data: Voltage (5.1914V), Current (1.8350A), and Power (9.5265W). Other metrics include Impd: 2.829Ω, Dev TEMP: 30.8 °C, D+: 0.755V (HUAWEI SCP), and D-: 0.098V (QC2.0 5V). There is also a 'TRRIGER' button. At the bottom, there is a section for '5/10' showing 'TIM 00:00:06', 'CAP 0.01611Ah', and 'NRG 0.00310Wh', with 'CLEAR' and 'BATTERY CAP' buttons. An 'ALARM' button is also present. The footer shows 'SN:000985 Run:124 Fw:V0.80 0day 01:23:00'.

	CAP (Ah)	NRG (Wh)	VBATT (V)	EFF (%)	BATT CAP (Ah)
1	8.3547	1.1229	3.7	90.0	0.2731
2	0.0000	0.0000	3.7	90.0	0.0000
3	19.443	2.3856	3.7	90.0	0.5803
4	0.0027	0.0005	3.7	90.0	0.0001
5	0.0081	0.0016	3.7	90.0	0.0004
6	0.0000	0.0000	3.7	90.0	0.0000
7	0.0000	0.0000	3.7	90.0	0.0000
8	0.0000	0.0000	3.7	90.0	0.0000

Total: VBATT(V)= 3.7
EFF(%)= 90

Voltage: 5.1914V
Current: 1.8350A
Power: 9.5265W

Impd: 2.829Ω
Dev TEMP: 30.8 °C

D+: 0.755V (HUAWEI SCP)
D-: 0.098V (QC2.0 5V)

TRRIGER

5/10
TIM 00:00:06
CAP 0.01611Ah
NRG 0.00310Wh

CLEAR BATTERY CAP

ALARM

SN:000985 Run:124 Fw:V0.80 0day 01:23:00

6. Set overcurrent and overvoltage alarm

87% 5:23

FNB48 STOP

	CAP (Ah)	NRG (Wh)	VBATT (V)	EFF (%)	BATT CAP (Ah)
1	8.3547	1.1229	3.7	90.0	0.2731
2	0.0000	0.0000	3.7	90.0	0.0000
3	19.443	2.3856	3.7	90.0	0.5803
4	0.0027	0.0005	3.7	90.0	0.0001
5					
6					
7					
8					

4.0 <=Vol<= 24.0

Cur<= 5.0

Bell switch

Vibration switch

When the voltage and current are out of range, the mobile phone vibrates or rings to remind.

CANCEL CONFIRM

D+: 0.754V HUAWEI SCP TRRIGER

D-: 0.103V QC2.0 5V

5/10 TIM 00:00:15 CLEAR BATTERY CAP

CAP 0.04015Ah

NRG 0.00773Wh

ALARM

SN:000985 Run:124 Fw:V0.80 0day 01:23:09

4.0 Dear FNIRSI customers, We are very grateful for your support and trust in FNIRSI products, If you have any suggestions or ideas, Welcome to join our official VK community to discuss and exchange, If you encounter problems during use, You can also contact us through VK or contact us through WHAT SAPP. We will notify the latest product information on the official website, VK community and WhatsApp group.

VK Community:

<https://vk.com/public201661343>

WhatsApp Groups:

<https://chat.whatsapp.com/H7d1YzTYzWmGaSv1N8OMAb>

