Manuals+ — User Manuals Simplified.

SPEEDATA FG80 Series Wireless Mobile Tablet Data Terminal User Guide

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SPEEDATA FG80 Series Wireless Mobile Tablet Data Terminal

Product Information

The product is a 5DGLDWLRQ ([SRVXUH6WDWHPHQW) designed to work with the I&& 5) H[SRVXUH. It is equipped with a 3DUW RI WKH)&& 5XOHV 2SHUDWLRQ and is compatible with two FRQGLWLRQV. The product is not designed for KDUPIXO LQWHUIHUHQFH and should not be used for any purpose other than the intended use.

Product Usage Instructions

1. Do not use any FKDQJHV RU PRGLILFDWLRQV that are not specified in the user manual, as they may cause damage to the product.
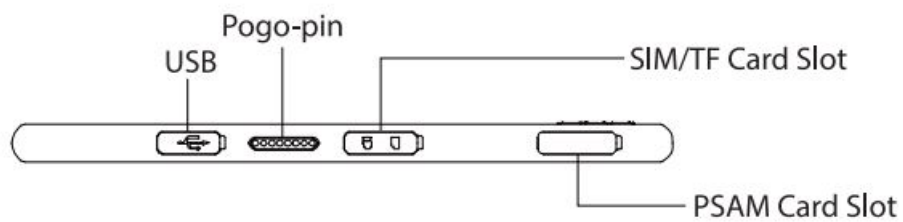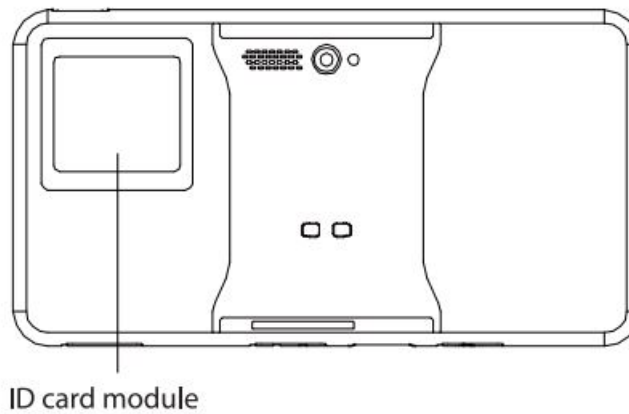2. Connect the product to the I&& 5) H[SRVXUH and ensure that it is properly secured.
3. Ensure that the product is compatible with the FRQGLWLRQV before use.
4. Do not attempt to modify or disassemble the product.
5. If you experience any issues or malfunctions with the product, contact customer support for assistance.
6. To power off the product, disconnect it from the I&& 5) H[SRVXUH and store it in a safe location.

Product

USB Pogo-pin SIM/TF Card Slot

PSAM Card Slot

Front Camera

Light sensing distance Power Key

NFC

Scan Key

Volume Key

numeral key
(or Fingerprint)

MIC

Barcode Scanner

Rear Camera

Speaker

Flash light

Wrist strap hole

UHF Module

ID card module
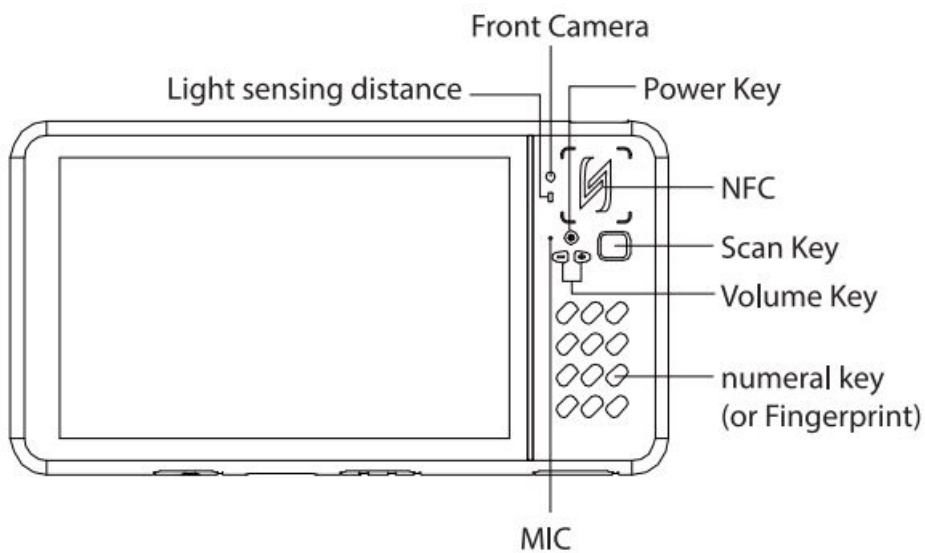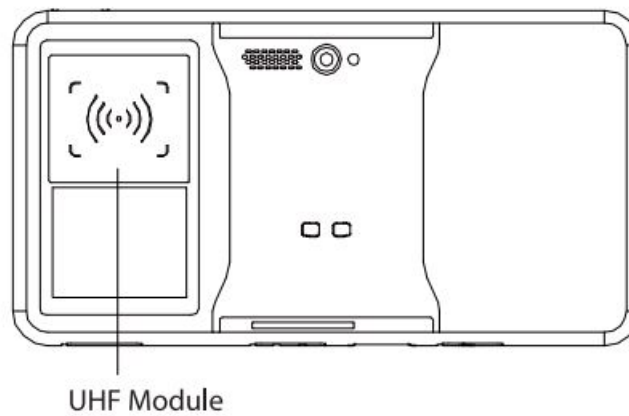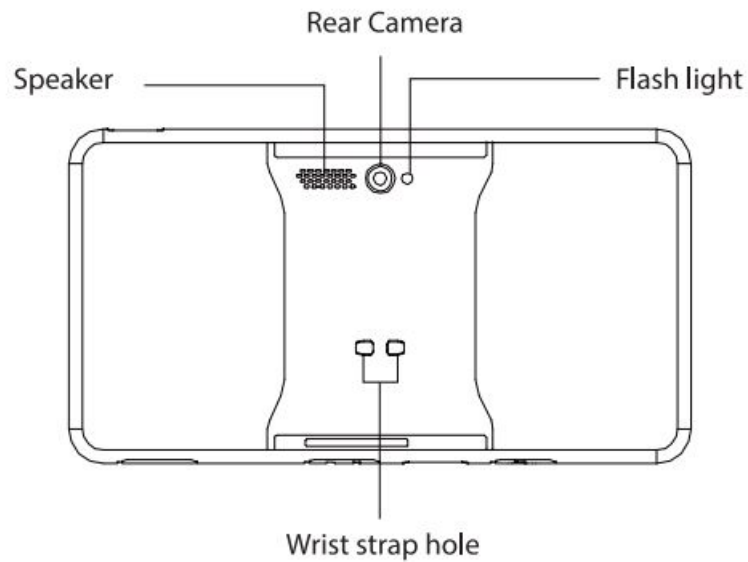
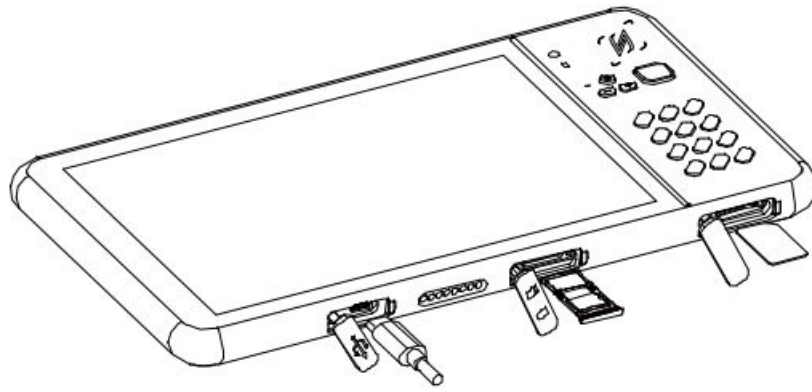## Installation of SIM card ,SD Card and PSAM Card

Please pay attention to the direction of the card when inserting the card.
Inserting non-standard cards may cause damage to the SIM card slot of the device.
When installing SIM card and TF card, it is necessary to take out the card holder with the card needle.
Please pay attention to the direction when installing the card.

Restart device
Holding power button 2 seconds, choose restart.

Force Device Restart
Holding power button over 8 seconds.

Charge Power

Suggest to Charge Power before using device.
Note: The charger should be kept well connected to the power socket and easy to plug off.

Barcode Scanner

GO into "Settings>Scan", enable barcode scanner and confifigure Other settings of barcode s canner.

Laser Radiation!
Barcode scanner is Class2 laser device, do not directly expose human eyes to laser.

safety Information

Device is designed for working in -200C—550C environment,proper storage temperature is -300C—700C, lower or higher temperature would compromise, device performance, even cause potential damage to device or battery. Charge device in 50C—350C environment, in case of battery endurance weakness.No support or responsibility will be undertaken if end user update device with third party ROM or crack device system.

Electromagnetic Radiation

The maximum absorption rate of electromagnetic radiation is (SAR) 2.0 W/kg.
In special cases such as pacemakers, hearing aids,cochlear implants,users should follow the doctor's instructions.

Waming

- Disassembly battery.
- Demolition device.
- Repair device in unofficial sercice.
- Using uncerttified USB cable.
- Put device into or near microwave oven, fire, or other heat source.

Product Specification

Data Sheet

Dimension	253mm*136mm*14.2mm(Basic)
Weight	608g(based on configuration)
OS	Android 11
Processor	Octa-core 2GHz / Octa-core 2.2GHz
RAM	3GB/4GB/6GB
ROM	32GB/64GB/128GB
Camera	Rear 13MP,Front 8MP ,high brightness LED flash
Display	8.0inch,1920*1200,5-point Capacitive Touch Screen
GPS	GPS/GLONASS/BEIDOU
NFC	Support：ISO14443A/B，ISO15693 reading distance：0-5cm
Battery	Built-in Li-ion 3.85V 7200mAh

Wireless Communication

Bluetooth	BT5.0 BLE/BT5.1 BLE
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency support fast roaming
WWLAN (5G)	5G-NR N1/N3/N28A/N41/N77/N78/N79 FDD-LTE B1/B2/B3/B5/B7/B8/B28A TDD-LTE B34/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA BC0/BC1

WWLAN (4G)	GSM：B2/B3/5B/B8 CDMA：BC0/BC1 WCDMA：B1/B2/B5/B8 FDD： B1/B3/B5/B7/B8 TDD：B38/B39/B40/B41
Extended functions	
Barcode Scanner	Scan engine: NewLand: CM60 Barcode Type: support EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS,ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25,Industrial 25,Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, HanXin Code, Maxicode, Micro QR, Micro PDF417, Composite
UHF RFID Reader (optional)	Protocol standard: ISO18000-6C protocol Frequency: China(920-925MHz, 840-845MHz) 　　　　　　　North America(902-928MHz) 　　　　　　　European frequency(865-867MHz) Antenna parameters: ceramic antenna(1.5dBi) Power: working voltage 3.6-5V, RF output 5dBm to 30dBm (1W), 　　　　　1dbm adjustable; Standby power consumption is about 0.25W, 　　　　　maximum is 4W (typical 3.5W) Reading Distance: indoor>3m, outdoor open environment>1.5m Group read rate: >30 tags per second
Fingerprint (optional)	Capacitive fingerprint module: effective pixel 256 * 360 resolution 508DPI, support acquisition and identification Optical fingerprint module: Morpho CBM-E3500DPI, 256 gray

Interface	
Card Slot	1 Nano SIM card slot, 1 Nano SIM/TF card slot optional PSAM card slot
USB	USB TYPE-C，Support OTG Fast Charging 5V/9V 1.67A
Other	Bottom charging contact

Reliability	
Working temperature	-20°C~40°C
Storage temperature	-30°C~70°C
Humidity	5%~95%
ESD protection	Air discharge ±15kv, contact discharge ±8kv
Protection (Basic)	Six sides can withstand 1.5m falling to the cement floor , IP67 Class

Accessory	
AC adaptor	1
USB cable	1
Wristband	1
Quick start guide	1
Charging base (Optional)	1

Environmental Protection

List of toxic and hazardous substances or elements

Parts		Toxic and hazardous substances or elements					
		Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	hexavalent chromium (Cr6+)	poly-brominated biphenyls (PBB)	poly-brominated biphdiphenyl ethers (PBDE)
Device	PCBA	X	0	0	0	0	0
	LCD	0	0	0	0	0	0
	Plastic	0	0	0	0	0	0
	Metal	X	0	0	0	0	0
Battery		X	0	0	0	0	0
Accessory		X	0	0	0	0	0

O: indicates that the toxic and hazardous substances in all homogenized materials of the componentare below the limit required by GB/T 26572-2011.
X: indicates that the toxic and hazardous substance in at least one homogeneous material of the component exceeds the limit set by GB/T 26572-2011.
Note: this productis labeled "X" because there are no alternative technologies or components available at this

stage. Please handle such parts or materials properly to avoid environmental and human health effects.
This product's "environmental protection life" is 10 years. The environmental protection of some internal or external components may differ from the environmental life of the product.The service life mark on the component has precedence over any conflicting or different environmental life identification on the product.The term of environmental protection of this product refers to the safe life of using the product without toxic and harmful substances leakage under the conditions stipulated in this information guide.

For more information
About the device Android and software versions, check in: settings > about the phone.
Note: Access the Internet, send and receive information,upload and download, automatic synchronization, so that some applications or use of location services may incur other costs. To avoid additional charges, please contact the service provider and select the appropriate tariff package scheme.

Warranty Card

- Company:
- Tel:
- Name:
- Add:
- E-mail:
- Product Info:
- SN and IMEI number:

Attention: Warranty card is an important certificate for obtaining warranty service.
Please keep well this card. Once it is lost or the SN, IMEI number cannot be provided, then can not provide warranty service.
The following conditions are not covered by the warranty.

1. Warranty period has expired.
2. Any adapted, disassembly and maintenance without Speedata's permission;
3. Product damage caused by natural or human reasons, for example, water penetration, product falling, inappropriate voltage input, overcompression, mainboard transformation,etc;
4. Breakdowns or damage caused by failure to install, use, maintain and keep according to the requirements of the operation manual;
5. Fail to identify Product Nameplate, SN ,IMEI Number, anti-tampering label for being torn, damaged or unclear.
6. Warranty Card is not in accordance with product model or has been falsified.
7. Breakdowns or damages by irresistible reasons like the occurrence of fire, earthquake, flood.

Technique Support:
Please contact us for development support.
Global supportMail: **GlobalFAE@speedatagroup.com**
China Mainland support Mail: **FAE@speedatagroup.com**
After-sale service:
+4m 1088 019

FCC

FCC Radiation Exposure Statement

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Wireless mobile tablet data terminal (FCC ID: 2BAQOFG80) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on-line at **http://www.fcc.gov/oet/ea/fccid/**. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body. To maintain compliance with FCC RF exposure requirements, use accessories should maintain a separation distance between the user's bodies mentioned above, use accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC Warning
This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(l) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 providereasonable 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 noguarantee 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.

Caution:
For the following equipment:
Product Name: Wireless Data Terminal
Brand Name: LOU$fispeedata, Haitech
Model No.: FG80
Beijing Speedata Technology Co.,Ltd
E-mail: xiuting.zeng@speedatagroup.com
hereby declares that this [Name: Wireless Data Terminal,
Model: FG80] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
The product shall only be connected to a USB interface of version USB2.O and that the connection to a power USB is allowed.

Adapter shall be installed near the equipment and shall be easily accessible. Only can use adapter as below:
Adapter Model: HYX024-U012125XYE
Input: 100-240VAC, 50/60Hz,O.5A;
Output: 5VDCl .67A; 9VDC1.67A
SHENZHEN SHI HE YIXUN SCIENCE

TECHNOLOGY CO,.LTD
The plug considered as disconnect device of adapter.
AND

This product is intended for sale and application in a business environment.
RED Article 10 2
-This product can be usecl across EU member states

RED Article 10 10

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.
The RF distance between body and product is Omm

2G
Frequency Range:
GSM900: Tx: 880-915MHz, Rx: 925-960MHz
DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz

RF Output Power:
GSM900: 33.0dBm, GSM1800: 30.10dBm
EDGE900: 27.74dBm, EDGE1800: 25.34dBm

3G
Frequency Range:

- **WCDMA Band 1:** Tx: 1920-1980MHz, Rx: 2110-2170MHz
- **WCDMA Band 8:** Tx: 880-915MHz, Rx: 925-960MHz
- RF Output Power:
- **WCDMA Band 1:** 23.58dBm, WCDMA Band 8: 23.78dBm

4G
Frequency Range:

- **FDD-LTE Band I:** Tx: 1920-1980MHz, Rx: 2110-2170MHz
- **FDD-LTE Band 3:** Tx: 1710-1785MHz, Rx: 1805-1880MHz
- **FDD-LTE Band 7:** Tx: 2500-2570MHz, Rx: 2620-2690MHz
- **FDD-LTE Band 8:** Tx: 880-915MHz, Rx: 925-960MHz
- **TIDD-LTE Band 38:** Tx: 2570-2620MHz, Rx: 2570-2620MHz
- **TDD-LTE Band 40:** Tx: 2300-2400MHz, Rx: 2300-2400MHz

Max.RF Output Power:

- **FDD-LTE Band I:** 24.08dBm, FDD-LTE Band 3: 24.83dBm,
- **FDD-LTE Band 7:** 25.24dBm, FDD-LTE Band 8: 24.72dBm,
- **TDD-LTE Band 38:** 24.99dBm, TIDD-LTE Band 40: 25.12dBm

Wi-Fi (5GHz)
Operation Frequency:

- **Band 1:** 5150-5250MHz,
- **Band 2:** 5250-5350MHz,
- **Band 3:** 5470-5725MHz

- **RF Output Power:** Max. 18.03dBm (EIRP)

Bluetooth

- **Bluetooth Version:** Bluetooth V 5.0
- **Frequency Range:** 2402MHz-2480MHz
- **Max.RF Output Power:**8.42dBm (EIRP)

Wi-Fi (2.4GHz)
Frequency Range:

- 2412-2472MHz for 802.11b/g/n(HT20);
- 2422-2462MHz for 802.1 In(HT40)
- **Max.RF Output Power:** 15.07dBm (EIRP)

NFC

- **Frequency Range:** 13.56MHz
- **Radiated H-Field:** 15.07dBm (EIRP)

GPS

- **Frequency Range:** 1575.42MHz Receiving

FM

- **Frequency Range:** 87.5—108.0MHz Receiving

Documents / Resources

	[**SPEEDATA FG80 Series Wireless Mobile Tablet Data Terminal**](#) [pdf] User Guide FG80 Series Wireless Mobile Tablet Data Terminal, FG80 Series, Wireless Mobile Tablet Data Terminal, Mobile Tablet Data Terminal, Tablet Data Terminal, Data Terminal, Terminal