



T780

Note

- Before using the product, please read the Quick Guide to fully benefit from it.
- This product involves constant upgrading and/or improvement, our company reserves the right to change the specifications of software and/or hardware mentioned in this operating guide without any prior notice. The product specifications and information mentioned in the operating guide are for reference only.

Check List

- Please check the following accessories before you discard the packing material. Please contact your local dealer immediately if there is any missing or damage parts.

Accessories	Quantity
T780	1
Battery	1
USB Data Cable	1
Charging Plug	1
Belt Clip	1
Quick Start Guide	1

1. Overview of T780



LED Indicator Light

Operating state	Indication
Charging	Red (Steady)
More than 90% charge capacity	Green (Steady)

Function Indicator Light

Bluetooth	
Connected	Blue(Steady)
Disconnected	Red(Flashing 10 seconds)
Turn off or no connected	Red(Steady)

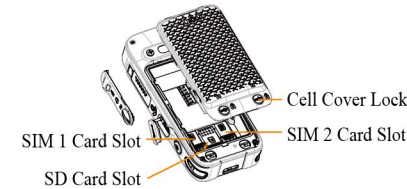
Wifi	
Connected	Green(Steady)
Weak signal	Yellow(Steady)
Disconnected	Red(Flashing 10 seconds)
Turn off or no connected	Red(Steady)

Data	
Full signal	Green(Steady)
Weak signal	Yellow(Steady)
Turn off or no SIM card	Red(Steady)
Disconnected	Red(Keep flashing)

Battery	
Fully charged (70%-100%)	Green(Steady)
Medium (40%-70%)	Yellow(Steady)
Low battery (10%-40%)	Red(Steady)
Very low battery(0%-10%)	Red(Keep flashing)

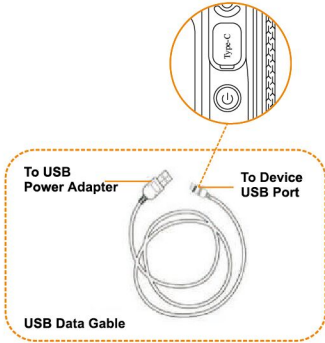
2. Installation of SIM Card

- Anticlockwise the switch of battery cover 45°, open it and remove battery.
- Insert the SIM card as shown in the picture.
- Insert the SD card into the slot as shown in the picture.
- Place the battery in the correct direction in the battery slot, and then close the battery cover by turning the battery cover switch clockwise 45° to lock the battery cover.



3. Charging the Battery

Using USB Data Cable



- Connect the IP smart terminal and power adapter using the USB Data Cable.
- Red light on the IP smart terminal indicates battery charging in progress.
- Green light indicates fully charged.

Important:

- Use only the designated charger.
- Battery must be fully charged before first use.
- Do not expose the battery to high temperature.
- Do not dismantle the battery.

4. Basic Operations

Startup

- Press the power on button for 3 seconds,LED indicator light goes up, it indicates successful startup.

Shut Down

- Press the power off button for 3 seconds.LED indicator light goes out, the smart terminal is fully shut down.

Group Call

- Press and hold the PTT button until you hear the Permit Tone.
- You are now connected to the Group.
- You may begin to talk.
- Release PTT button to end the call and the device will be in the receiving mode.

Emergency Call

- Press and hold the Emergency button for 3 seconds can start.

Backlight

- Double-click “Power” button twice to on and off backlight.

Low Batt

- When the battery power fall below 10%, a“beeping” tone will be heard.

5. Troubleshooting

No	Problem	Solution
1	Silent, no response	- Battery might be drained, please replace the battery or charge it. - Battery might not be installed correctly, please replace it with a fully charged battery or charge the battery. - Check if the device has been power on. - Check if the external audio accessory is connected.
2	Unable to make/ receive calls	- Check if you are in the same group. - Check whether the network is connected.
3	Cannot charge	Check USB cable, replace if faulty.

1.CE Warning

- 1. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - 2. The product shall only be connected to a USB interface of version USB2.0 or higher.
 - 3. Adapter shall be installed near the equipment and shall be easily accessible.
 - 4. The operating temperature of the device can't exceed 40℃ and shouldn't be lower than -20℃.
 - 5. The plug considered as disconnect device of adapter.
 - 6. The device complies with RF specifications when the device used at 5mm from the body without belt-clips, 0mm from the body with the belt-clips, 25mm from the face.
- Hereby, Sinotechr R&D Group Limited. declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

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CE （ 单页 ）

材质：105g 铜版纸

尺寸：75mm*120mm

1.FCC Warning

15.19 Labeling requirements.

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.

15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.

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.

Absorption Rate (SAR) information:

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.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device was tested for typical body-worn operations with the back of the device kept 10mm from the body without belt-clips, 0mm from the body with the belt-clips, 25mm from front of face. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a appropriate separation distance between the user's body and the back of the device. The use of belt clips, holsters and similar 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. Use only the supplied or an approved antenna.

FCC （ 单页 ）

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尺寸：75mm*120mm

1.IC Warning

This device complies with Industry Canada’ s **licence**-exempt RSSs. Operation is subject to the following two conditions:
(1)This device may not cause interference;
(2)This device must accept any interference, including interference that may cause undesired operation of the device.

Le **présent appareil est conforme** aux CNR d'Industrie Canada **applicables** aux **appareils** radio exempts de **licence**. **L'exploitation est autorisée** aux **deux** conditions **suivantes**:
(1) **l'appareil ne doit pas produire de brouillage**, et (2) **l'utilisateur de l'appareil doit** accepter tout **brouillage radioélectrique subi, même si le brouillage est** susceptible **d'en compromettre le fonctionnement**.

The information listed above provides the user with information needed to make him or her aware of a RF exposure, and what to do to assure that this **radio** operates within the RSS exposure limits of this radio.
The device complies with RF specifications when the device used at 10mm from the body without belt-clips, 0mm from the body with the belt-clips, 25mm from front of **face**. **Third-party** belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

IC （ 单页 ）

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尺寸：75mm*120mm