

inventus 2BDXXBDCT1 BDCT1 Smartphone



# inventus 2BDXXBDCT1 BDCT1 Smartphone User Manual

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# inventus

inventus 2BDXXBDCT1 BDCT1 Smartphone



## Specifications

- **Manufacturer:** SHENZHEN TIANYIN ELECTRONICS CO., LTD.
- **Model:** CT1
- **Power Adaptor Model:** TPD203A120167xFyy
- **Plug Types:** U (American/Japanese/Taiwan/Mexican), V (European), B (Britain), K (Korean), A (Brazilian), C (Chinese), S (Australian), M (Argentine), I (Indian)
- **SAR Value:** 0.719W/kg (body), 1.047 W/kg@10g (head), 0.560 W/kg@10g (extremity)
- **FCC ID:** 2BDXXBDCT1
- **ISED Caution:** RSS-Gen Issue 5

## Product Usage Instructions

### Before Using

1. Insert SIM card and SD card.
2. Charge the battery before initial use.

### Communication

#### Make a Call

1. Unlock the phone.
2. Go to the dialer app.

3. Enter the phone number you want to call.
4. Press the call button to initiate the call.

## **Send a Message**

1. Unlock the phone.
2. Open the messaging app.
3. Select a contact or enter the phone number of the recipient.
4. Compose your message and send it.

## **FAQ**

- **Q:** How do I check the SAR value of the device?
- **A:** You can find the SAR information in the user manual or by checking the device settings under 'About phone' section.
- **Q:** What should I do if I experience discomfort while using the phone?
- **A:** If you experience discomfort such as ear pain or hearing issues, reduce the volume level and take breaks from using the phone for extended periods.

## **Safety Warning and Attention**

### **Profile**

Please read this pamphlet carefully in order to make your phone in perfect condition. Our company may change this mobile phone without prior written notice and reserves the final right to interpret the performance of this mobile phone.

Due to different software and network operators, the display on your phone may be different, refer to your phone for details.

### **Safety Warning and Attention**

Safety warning

- **ROAD SAFETY COMES FIRST**

Do not use a hand-held phone while driving. Use hands-free fittings when calls are unavoidable while driving. In some countries, dialing or receiving calls while driving is illegal!

- **SWITCH OFF IN AIRCRAFT**

Wireless devices can cause interference in aircraft. Using a mobile phone in flight is illegal and risky. Please make sure that your mobile phone is powered off in flight.

- **SWITCH OFF BEFORE ENTERING RISKY AREAS**

Strictly observe the relevant laws, codes, and regulations on the use of mobile phones in risky areas. Turn off your mobile phone before entering a place susceptible to explosion, such as an oil station, oil tank, chemical plant or a place where a blasting process is underway.

- **OBSERVE ALL SPECIAL REGULATIONS**

Follow any special regulations in force in any area such as hospitals and always switch off your phone whenever it is forbidden to use it or, when it may cause interference or danger. Properly use your mobile phone near medical apparatuses, such as pacemakers, hearing aids and some other electronic medical devices, as it may cause interference to such apparatuses.

- **INTERFERENCE**

The conversation quality of any mobile phone may be affected by radio interference. An antenna is built inside the mobile phone and located below the microphone. Do not touch the antenna area during a conversation, lest that the conversation quality deteriorate.

- **QUALIFIED SERVICE**

Only qualified personnel may install or repair phone equipment. Installing or repairing the mobile phone on your own may bring great danger and violates the warranty rules.

- **ACCESSORIES AND BATTERIES**

Use only approved accessories and batteries.

- **USE SENSIBLY**

Use only in a normal and proper manner.

- **EMERGENCY CALLS**

Ensure the phone is switched on and in service, enter the emergency number, e.g. 112, then press the Dial key. Give your location and state your situation briefly. Do not end the call until told to do so.

**Note:** Just like all other mobile phones, this mobile phone does not necessarily support all the features described in this manual due to network or radio transmission problems. Some networks even do not support the emergency call service. Therefore, do not rely solely on the mobile phone for critical communications such as first aid. Please consult the local network operator

### **Safety instruction for adaptor**

1. Use only supplied adaptor from manufacturer SHENZHEN TIANYIN ELECTRONICS CO., LTD., model TPD-203A120167xFyy (x can be U or V or B or K or A or C or S or M or I; yy can be 01-99 or blank, for marketing purpose only) (U means American/Japanese/Taiwan/Mexican plugs; V means European plug; B means Britain plug; K means Korean plug; A means Brazilian plug; C means Chinese plug; S means Australian plug; M means Argentine plug; I means Indian plug).
2. The power adaptor is used as the disconnect device, the socket-outlet shall be easily accessible.

### **Precautions**

1. This mobile phone is well designed with fine art. Please exercise special care when using it. The following suggestions will help your mobile phone survive the warranty period and extend its service life:
2. Keep the mobile phone and all its fittings beyond children's reach.
3. Keep the mobile phone dry. Keep away from rain, moisture, liquid or other substances that may corrode electronic circuits.
4. Do not use or store the mobile phone in a dusty place, lest the active parts of the mobile phone be damaged.
5. Do not store the mobile phone in a high-temperature place. High temperatures will shorten the life of electronic circuits and damage the battery and some plastic parts.
6. Do not store the mobile phone in a chilly place. Otherwise, moisture will be formed inside the mobile phone to damage electronic circuits when the mobile phone is moved to a constant temperature place.
7. Do not throw, knock or shock the mobile phone, as that will destroy the internal circuits and high-precision components of the mobile phone.
8. Warnings:
  1. disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result

in an explosion;

2. leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
3. a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.



9. High sound pressure or long-time use can cause ear discomfort and hearing damage risk. To prevent possible hearing damage, do not listen at high volume levels for long periods.

## **FCC statement**

### **FCC Caution**

1. FCC Part 15.19(a)

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.

2. FCC Part 15.105

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

3. FCC Part 15.21

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

4. FCC Part 15.407

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems

5. FCC Part 15.407

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Then it will scan the available radio signals. If this signal is connected before, it will be automatically connected, otherwise manual connections will be necessary.

6. KDB 212821, KDB 447489

Specific Absorption Rate (SAR) information: The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: 2BDXXBDCT1) has also been tested against this SAR limited. The highest SAR

value reported under this standard during product certification for use at the body (10 mm separation distance) is 0.719W/kg, the head is 1.047 W/kg@10g and Extremity is 0.560 W/kg@10g

**About phone**

You can view your device information and details, including the build version, device hardware details, serial number, and OS version.

**FCC ID:** 2BDXXBDCT1 (Settings>About phone>Certification)

**ISED Caution**

1. RSS-Gen Issue 5

This device contains licence-exempt transmitter(s)/receiver(s) that comply with 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 that may cause undesired operation of the device.

2. RSS-247 Issue 2

the device for operation in the band 5150–5350 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. les dispositifs fonctionnant dans la bande de 5 150 à 5 350 MHz sont réservés uniquement pour une utilisation à l’intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

3. SS-102 Issue 5: ISED Radiation Exposure Statement

This EUT is in compliance with SAR for general population/uncontrolled exposure limits (1.6W/kg) in ISED RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEC/IEEE 62209-1528. This equipment should be installed and operated with a minimum distance 1.0 cm between the radiator and your body. This device and its antenna(s) must not be co-located operating in conjunction with any other antenna or transmitter.

4. SS-247 Issue 2

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Then it will scan the available radio signals. If this signal is connected before, it will be automatically connected, otherwise manual connections will be necessary.

**About phone**

You can view your device information and details, including the build version, device hardware details, serial number, and OS version.

**IC:** 31873-BDCT1 (Settings>About phone>Certification)

**EU&UK Caution**

**5G / Wi-Fi Restrictions**

This device is restricted to indoor use only when operating in the 5150 to 5350MHz frequency range in the following countries:

|   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | BE | BG | CZ | DK | DE | EE | IE | EL | ES | FR | HR | IT | CY | LV | LT | LU | HU |
|   | MT | NL | AT | PL | PT | RO | SI | SK | FI | SE | UK | NO | IS | LI | CH | TR |    |

## Maximum Power of RF

This Enterprise Full Touch Handheld Computer offers the following frequency bands in EU areas only and with the following maximum radio-frequency power:

- GSM 900: < 35 dBm
- DCS 1800: < 32 dBm
- WCDMA Band I/ VIII: < 25.7 dBm
- LTE Band 1/3/7/8/20/28/38/40: < 25.7 dBm
- Wi-Fi 2.4GHz & Wi-Fi 5GHz Band 1/2/3: < 20 dBm
- Wi-Fi 5GHz Band 4(Receiver Category 2): < 14 dBm
- Bluetooth V5.2: < 10 dBm
- GNSS: 1559MHz- 1610MHz
- FM(Rx): 87.5 MHz – 108 MHz

## SAR

The body SAR limit of EU is 2 W/kg@10g averaging over one gram of tissue. This model CT1 has also been tested against this SAR limited. The highest SAR value reported under this standard during product certification for use at the body is 1.489 W/kg@10g (0 mm Separation Distance), the head is 1.386 W/kg@10g and the limbs are 3.291 W/kg@10g

## EU&UK Caution WEEE



Correctly dispose of this product. This marking indicates that this product should not be disposed of with other household wastes throughout the EU/UK. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle responsibly to promote the sustainable reuse of material resources. To safely recycle your device, please use return and collection systems or contact the retailer where the device was originally purchased.

The device is intended use for personal tablets.

- **Manufacturer:** INVENTUS GROUP LTD
- **Address:** C/O FLB ACCOUNTANTS LLP 1010 ESKDALE ROAD, WINNERSH TRIANGLE,  
WOKINGHAM, UNITED KINGDOM, RG41 5TS
- SIMPLIFIED EU DECLARATION OF CONFORMITY



The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows: Hereby, INVENTUS GROUP LTD declares that the radio equipment type Tablet is in compliance with Directive

2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:  
<https://www.invent-us.com/>

## SIMPLIFIED EU DECLARATION OF CONFORMITY



The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows: Hereby, INVENTUS GROUP LTD declares that the radio equipment type Tablet is in compliance with Radio Equipment Regulations 2017. The full text of the UKCA declaration of conformity is available at the following internet address:  
<https://www.invent-us.com/>

## Learn about the phone

### Overview



### Function Keys



| Keys                  | Functions   |
|-----------------------|---|
| <b>Power Key</b>      | Press to turn on/off the screen.<br>Press and hold to power off or restart the phone.                           |
| <b>Volume Key</b>     | Press to adjust the volume of device.   |
|                       |   |
| <b>Multi-Task Key</b> | Tap to open the list of recently used apps. Click to open the app quickly.<br>Slide to remove it from the list. |
| <b>Home Key</b>       | Tap to return to the Home screen.   |
| <b>Back Key</b>       | Tap to return to the previous screen.   |

## Before using

### Insert SIM card and SD card

1. Stick into the pinhole with the eject tool, and then the card tray will be out of the phone.
2. Put SIM cards and SD cards to the card tray correctly. SIM card supports Nano SIM card.
3. Insert the SIM card or SD card into the card slot.

### Note

- Do not remove the cards while the device is transferring data. Doing so may cause data to be lost or damage to the cards and device.
- The SIM card and SD card are small parts. Please keep away from Children to avoid swallowing the card by accident.
- Please do not touch the metal surface of Nano SIM and SD cards and keep them away from the electromagnetic field to avoid damaged data

### Charge the Battery

Charge the battery before using it. Connect the USB cable to the USB power adaptor, and then plug the end of the USB cable into the USB Port. **Note:** need to use a standard AC adapter and USB cable.

## Getting started

### Basic Function

- Turn on the phone  
Press and hold the power key for a while to turn on the phone.
- Turn off the phone  
Press and hold the power key and volume up key until a menu shows. Choose
- power off" to turn off the phone.
- Restart the phone

Option 1: Press and hold the power key and volume up key until a menu shows. Choose “Restart” to restart the phone.

Option 2: Press and hold the power key for 10 seconds to auto-restart the phone.

- Lock the screen

Option 1: Press the power key to turn off the screen and lock it

- Option 2: When the user is not in use, the system defaults to standby time and automatically locks the screen.

- Unlock the screen

Press the power key, and then slide to top for unlocking

## Home screen

The Home screen is your starting point to access all the features on your phone. It displays application icons and other features. You can customize the Home screen with different wallpaper and display the items you want

- Status Bar

At the top of the screen, it displays the time, signal, battery information, and icons for notifications that you've received.

- Notification Center

Swipe down from the top edge to see more details of the new notification, such as messaging, missed call, Wi-Fi network available etc. Tap the notification and drag to left or right to delete it

- Control Center

Slide down on the top of the screen to open the control centre. In the control center, it's quick access to Flashlight, Wi-Fi, Mobile data, Bluetooth, Do Not Disturb, Auto-rotate, Location, Airplane mode and Battery Saver. Tap “Edit”, and then drag to adjust the icons in the control centre.

- Move an application

Touch & hold the icon you want to move. Drag the icon to move or cross at the edge of the screen to move to another screen.

- Uninstall an application

Touch & hold the icon you want to uninstall. On the top of the icon will appear “App info”. Tap it to the app info page to uninstall it.

## Touch screen

The way to control a mobile phone is by using your finger on touch icons, buttons, menu items, the onscreen keyboard, and other items on the touchscreen

- Touch: To act on items on the screen, such as application and settings icons, to type letters and symbols using the onscreen keyboard, or to press onscreen buttons, you simply touch them with your finger.
- Touch & hold: Touch & hold an item on the screen by touching it and not lifting your finger until an action occurs.
- Drag: Touch & hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. You can drag items on the Home screen to reposition them and you can drag to open the Notification Center.
- Swipe or slide: To swipe or slide, quickly move your finger across the surface of the screen, without pausing when you first touch (so you don't drag an item instead). For example, you slide the screen up or down to scroll a list, and in the same way Calendar views you can swipe quickly across the screen to change the range of time visible.
- Pinch: In some applications (Such as Maps and Gallery) you can zoom in and out by placing finger and thumb

on the screen at the same time and pinching them out together (to zoom out) or spreading them apart (to zoom in).

- Rotate the screen: On most screens, the orientation of the screen rotates with the phone as you turn it from upright to its side and back again. You can turn this feature on and off.

## **Communication**

### **Make a call**

- You can make or answer a call, initiate an emergency call, and launch a multi-party call.
- On the bottom left of the Home screen, tap the Dial-up icon. The Dial-up page is displayed. Enter a phone number to make a call. When you enter the number, the phone will automatically search among all contacts a number that best matches the entered numerals, to facilitate your operation.
- During a call, tap Add a Call, and this call automatically switches to Silent mode. Enter the number of another contact, tap Dial-up, and the previous call automatically switches to On-hold mode. After the second call is answered, tap Join. In this way, a teleconference is established to achieve a multi-party talk

### **Note**

- You need to subscribe to this multi-party call service from your carrier before using it.
- You are also allowed to initiate a call by selecting a phone number from the list of Contacts or the Message page.

### **Send a Message**

You can use this phone to exchange text messages and multimedia messages with your friends on their mobile phones. The messages that come to and from the same contact or phone number will be visible in a single conversation, so you can see your entire message history with a person conveniently.

### **Enter text**

- Touch a text field, and the onscreen keyboard opens.
- Tap the keys on the keyboard to type; the characters you've entered appear in a strip above the keyboard. With suggestions for the word you are typing to the right.
- Use the Delete key to erase characters to the left of the cursor.
- When you're finished typing, press back to close the keyboard.

## **Connection**

Your phone can connect to a variety of networks and devices, including mobile networks for voice and data transmission, Wi-Fi data networks, and Bluetooth devices, such as headsets. You can also connect your phone to a computer, to transfer files from your phone storage, and share your phone's mobile data connection via USB tethering, Bluetooth tethering or Mobile Hotspot

### **Airplane mode**

- Option1: Settings → Network & Internet → Airplane mode to turn it on
- Option 2: Swipe down from the top edge to open the control centre → tap aeroplane mode Some locations like

aeroplanes may require you to turn off your phone's Cellular network, Wi-Fi, and Bluetooth wireless connections. You can turn off all these wireless connections at once by placing your phone on Airplane mode

## **Wi-Fi**

You can configure the Wi-Fi as follows:

- Settings → Network & Internet → Internet, tap the switch to turn it on
- Enter Wi-Fi. The phone scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon. The phone will auto-login to the network if you have previously connected.
- Touch a network to connect to it. If the network is secured, you're prompted to enter a password or other credentials.

## **Bluetooth**

Bluetooth is a short-range wireless communications technology. The most common Bluetooth devices are headphones for making calls or listening to music, hands-free kits for cars, and other portable devices, including laptops and cell phones.

### **To send a file**

- Settings → Connected devices → Connection preferences → Bluetooth, tap switch to turn it on.
- Enter Files to select a file, and Select Share → Bluetooth.
- Touch Search for devices, the phone will scan for and display the names of all available Bluetooth devices in range.
- Touch the names of the other devices in the list to pair them. After pairing the file will be sent.

### **To receive a file**

- Settings → Connected devices → Connection preferences → Bluetooth, tap switch to turn it on.
- Ensure your Bluetooth has been connected within visibility time.
- You can receive files from the devices that are paired with yours. The file you received will be saved to the "Bluetooth" folder in Files.

### **To connect to a Hands-free device**

- Turn on the Hands-free device, make it in a searchable state;
- Settings → Connected devices, Select "Pair new device";
- After searching for the Hands-free device, Select it in the list to pair.
- After pairing, you can use the Hands-free device to listen to music, and videos and receive call

## **USB**

You can connect the phone to your computer with a USB cable to transfer music, pictures, and other files.

1. Connect the phone to your computer with a USB cable.
2. In the notification centre, tap Charging this device via USB for more options.
3. Choose the USB options.

File Transfer: Transfer music, videos, documents and other documents. USB tethering: You can share your phone's mobile data with PC. MIDI: Connect a MIDI keyboard to the phone by using an OTG adapter to play a synthesizer or drive music apps.

PTP: Browse photos in the DCIM and Pictures file folder (PTP).

No data transfer: Connected as a USB for charging.

**Note:**

Do not disconnect the USB cable from the phone when you are transferring files. Doing so may cause data loss or phone damage.

**Features**

**Camera**

Tap the Camera icon in the main menu interface or on the home screen, the camera opens in Normal mode, eady to take a picture. In this mode, you can touch the bottom icon to take a photo or record a video

**Chrome**

Chrome is a fast, secure browser built by Google that helps you search, browse, and get things done online.

**Clock**

Tap Clock to open it.

- **Set clock:** Tap the alarm clock on the upper left.
- **Add clock:** Tap "+" on the bottom area to add an alarm. Edit alarm time and tap "OK".

**Files**

This function allows you to copy, paste, share and delete a file stored on phone memory or SD card.

**Google Play**

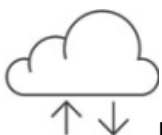
Google Play is your entertainment unbound. It brings together all of the entertainment you love and helps you explore it in new ways, anytime, anywhere.

**Contacts**

- **Import:** It allows you to import contacts from old phones. First, you need to export the contacts in old phones to create a vCard file. Then copy this file to the new phone.
- **Add a contact:** Input all the information and tap "Save". A new contact is created.
- **Search contact:** Tap the search icon on the top right area. Enter related information about a certain contact to search it among the list of contacts

**Backup**

You can transfer contacts, text messages, pictures, music, videos and app data from your old phone to your new phone




**How to use**

1. Settings→System→Backup→Switch on.
2. Account→Add account

## CONTACT

- **Manufacturer** INVENTUS GROUP LTD
  - **Address:** C/O FLB ACCOUNTANTS LLP 1010 ESKDALE ROAD, WINNERSH TRIANGLE, WOKINGHAM, UNITED KINGDOM, RG41 5TS
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## Documents / Resources

|  |   |
|--|---|
|  <p>inventus<br/>CT1<br/>User manual</p> | <p><a href="#">inventus 2BDXXBDCT1 BDCT1 Smartphone</a> [pdf] User Manual<br/>2BDXXBDCT1 BDCT1 Smartphone, 2BDXXBDCT1, BDCT1 Smartphone, Smartphone</p> |
|--|---|

## References

- [User Manual](#)

### [Manuals+](#), [Privacy Policy](#)

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