TT190 User Manual

www.ttfone.com **TT fone**

1. Safety Instructions

This user manual includes important safety information. Please read below instructions carefully. It may be dangerous or illegal if you do not follow these instructions.

Pay attention to Traffic Safety
Obey local traffic laws and do not use the phone while driving. Using a cell phone while driving is dangerous and it is illegal in some areas. Radio frequency (RF) signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer of your vehicle for any equipment that has been added. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area.

Pacemaker Interference
Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between a wireless phone and a pacemaker in order to avoid potential interference with the pacemaker.

Turn Off Your Cell Phone in Medical and Health Care Facilities.
Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Switch Off on Airplanes
Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless devices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Accessories and Batteries
Use only the approved accessories and batteries. Please do not try to use with any product that was not manufactured for use with this phone. Please be sure the phone has been switched off before taking out the battery. Please dispose of scrap batteries properly according to the local regulations.

Cell Phone Should Be Turned Off Near Sites of Explosion.
Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations and in any area with a potentially explosive atmosphere and obey all signs and instructions. Observe restrictions on the use of radio equipment in fuel depots, storage, chemical plants or where blasting operations are in progress.

Using the Phone Correctly
Please use this phone in its normal intended position. Do not let children use the phone without supervision. Your phone contains small parts such as SIM card, which can be accidentally swallowed by a child.

Your Phone is Not Waterproof
This phone is not waterproof. Please do not expose your phone to wet weather or environment (such as rain, snow, seawater, etc.).

2. Your Phone

1. Navigation key: press to navigate to the Menu. Shortcuts can be set to this key.
2. Left soft key: Hold down the left soft key for 3 seconds to unlock the keypad. Also use the left soft key to select menu options.
3. Call Key: Enter a number and press the call key to make the call. Press to access Call logs.
4. Right soft key: press to access the contacts phone book.
5. End key: Press and hold to turn on and off the phone, press to end calls, press to exit menus.
6. Number keys: Press to input numbers, hold down for speed dial. Press and hold number 1 key for voicemail.
7. Star key: Press twice to input + symbol for international calls.
8. Hash key: Press and hold to Switch the profile from General to Silent or Meeting.
9. Torch key; slide the button up to switch on the torch and slide down to switch off.

📶	Battery Status	🔕	Silent Mode	🏠	Indoor mode
📶	Network Signal Status	ᛒ	Bluetooth	🌲	Outdoor mode
⏰	Alarm		Insert SIM Card	🆘	SOS Emergency Button Active
✉	Unread Message	🎧	Headset is connected		
📞	Missed Call	💾	Memory Card installed		

3. Getting started

Remove the Back Cover
Open the battery cover carefully by prising open from the bottom left corner where you will find a small notch.
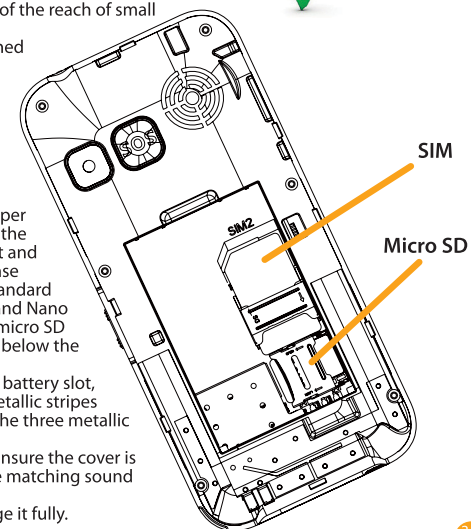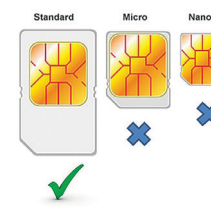Install the SIM card and battery
For availability and information about using SIM card services, contact your SIM card vendor. This may be the service provider, network operator, or other vendor.
Note: The SIM card and its contacts are easily damaged by scratches or bending, so please be careful when handling, inserting, or removing the card.
Note: Keep all SIM cards out of the reach of small children.
1. Ensure the phone is switched off and the charger is disconnected before removing the battery.
2. With the back cover removed, install the SIM card by sliding it into the nest and under the metal holding plate. Ensure the angled corner is on the upper left hand side. (To remove the SIM card, gently press on it and slide it out of its nest.) Please note you can only use a standard SIM card and not a Micro and Nano SIM. You can also install a micro SD memory card into the slot below the SIM slot.
3. Install the battery into the battery slot, ensuring that the three metallic stripes on the battery align with the three metallic prongs in the battery slot.
4. Put on the battery cover. Ensure the cover is completely closed and the matching sound (click) could be heard.
5. Plug the phone in to charge it fully.

Standard   Micro   Nano

SIM

Micro SD

Turning the Phone On
To turn the phone on, press and hold the red key until the screen lights up.
If you switch on the mobile phone before inserting the SIM card, it prompts you to insert the SIM card. The mobile phone checks whether the SIM card is valid automatically after it is inserted.
The following prompts appear on the screen in sequence when the mobile phone is just switching on:
• Input phone password - If the password of the phone has been set.
• Input PIN - If the password of the SIM card has been set.
• Searching - The mobile phone is searching for available network.

Turning the Phone Off
To turn the phone off, press and hold the red key until the screen turns blank.

Charging the Battery
The battery can be charged when the phone is either on or off. Please ensure the battery is inserted into the phone before charging. The charging time is three hours.
To connect the charger:
1. Insert the cord into its port on the bottom panel of the phone
2. Plug the other end of the cable into either a computer USB socket or use any USB mains charger that runs at 240V.
To disconnect the charger:
1. Unplug the wall charger.
2. Remove the cord from the phone.

Battery Level Indication

EMPTY   FULL

Low Battery Alert
The phone will sound an alert when the battery is low and display a message of low battery on the screen.

> PLEASE NOTE: The TTfone TT190 does not come with a charger, you can use any USB mains plug or plug the cable into your PC or Laptop to charge the phone. If you do not have one of these you can purchase a charger from www.ttfone.com

4. Making/Receiving Phone Calls

To Make Calls
1. Enter a number and press the call key to call.
• To delete a digit, press the Right Soft key.
• To clear the screen, press the red key once.

To Answer Calls
When your phone rings, press the Call key once to answer the call.

To End a Call
To end a call, press the red key.

To Reject a Call
To reject the call without answering, press the red key when your phone rings.

To Redial a Number
1. Press the Call key, this will take you to all your recently dialed call list
2. Select the number you want to dial then press the Call key to call.

Making International Calls
1. Press the star key twice until a "+" character appears on the screen.
2. Enter the country code, area code and phone number as instructed by your long distance network service carrier.
3. Press the Call key to call.

Changing the Volume during a Call
To change the volume during a call:
• Press the up or down navigation key.

To Lock and Unlock the Keypad
In order to prevent accidental dialling, the phone is set to auto lock the keypad after 60 seconds of no use. To unlock the keypad press and hold the Left soft key for 3 seconds. If you wish to lock the keypad manually hold the Left soft key for 3 seconds.

5. Messages (SMS)

Writing and Sending a Message
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until Messages appears. Press the Left soft key.
3. Press Up or Down navigation key until "Write message" appears. Press the Left soft key.
4. Type the number you want to send the text to. Note: if you would like to choose a contact from your phonebook, press the Left soft key twice and select the contact.
5. Press the left soft key twice to send your message.
Other options include Send, Insert template, Add contact, Add emoji and Save as draft. You can also access a stored message in inbox and reply to it. By selecting the Inbox instead of Write Message and following the same commands.

Receiving/Reply to a Message
When you receive a new text message, your phone will display an envelope icon and "New Message".
1. Unlock your phone,then select view.
2. Press the Left Soft key again to see a list of available commands such as "Delete", "Reply" etc..

Delete	To delete the message.
Reply	To reply the message
Forward	To forward the message
Call	To call the sender
Move	To move to phone/sim storage
Copy	To copy the message
Add sender to	To add the sender to your Phonebook.
Details	To see the details.

Letters and Numbers Input
Text Message Letters
English letters are set on number keys from "2" to "9". You can input numbers, upper or lower case letters and punctuation symbols. Pressing the hash key while typing lets you switch between the different types of input modes. Each number key is set for three or four letters. Press the number key one time to display the first letter, two times to display the second letter, etc.

Text Message Punctuation
The punctuation available includes: \ / ~ < > $ @ ¤ { } ? and more
To enter punctuation:
1. Press the * star key to display the list of punctuation symbols
2. Use the navigation key to scroll through the list.
3. Press the Left Soft key to select.

Text Message Numbers
To enter a number instead of a letter:
1. Press the # key to switch input mode from letter to numerical and then use number keys from 1 to 0 to enter numbers.
2. Press # again to switch back to letter input mode.
To enter a space, press the "0" key when in letter mode.

6. Phone Book

Storing, Searching and Deleting Numbers in the Phone Book
Phone numbers can be stored on the phone or the SIM card. The green icon indicates that the contact is saved in the phone. The SIM card symbol indicates that the contact is saved on the SIM card. You can store up to 300 entries in the phone memory.

To Add a New Contact to the Phone Book
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Phonebook" appears. Press the Left Soft key.
3. Press the Left soft key to select Options.
4. Press Up or Down navigation key until "Add new contact" appears. Press the Left soft key.
5. Choose either to save to Phone memory or to SIM memory using the up an down navigation key. Press the Left soft key.
6. Press the Left soft key to enter the name of the contact by using the number keypad. Press a key 1 to 4 times to enter the correct letter. press "0" for a space.
7. Once the name is set press the Left soft key to save the name.
8. Press the Down navigation key to select number, press the Left soft key to edit. Enter the number by using the number keypad, press the Left soft key to save the number.
9. Press the Right soft key to Save and press the Left soft key for OK.

To Search for an Existing Contact
1. Press the Left soft key to access the menu.
2. Press the Up or Down navigation key until "Phonebook" appears. Press the left soft key.
3. Press Up or Down navigation key to search for the contact. Press the Left Soft key.
4. Press Up or Down navigation key until "Call" appears. Press the Left Soft key.

To Delete an Existing Contact
1. Press the Left soft key to access the menu.
2. Press the Up or Down navigation key until "Phonebook" appears. Press the left soft key.
3. Press Up or Down navigation key to search for the contact. Press the Left Soft key.
4. Press Up or Down navigation key until "Delete" appears. Press the Left Soft key twice.

7. Multimedia

Audio Player
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Multimedia" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Audio Player" appears. Press the Left soft key.
4. Press the left soft key to select "List" to see your music files.
5. Press the Up or Down navigation key to select a song. Press the left soft key to play.
Controls:
• To play or pause - Left soft key
• Skip to next song - Down navigation key
• Skip to previous song - Up navigation key
• Volume - Press the * key to decrease and the # key to increase volume.

Image Viewer
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Multimedia" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Image Viewer" appears.

4. Use the Up and Down navigation key to select the image and press left soft key.
5. Press Up or Down navigation key until "View" appears and press the Left soft key to view.
Press the left Soft key to select the options these include: Set as wallpaper, Delete, Share, Rename, Slide play, Details.

Video Player:
To watch the videos recorded:
1. Press the Left Soft key to access the menu.
2. Press Up or Down navigation key until "Multimedia" appears. Press the Left Soft key.
3. Press Up or Down Navigation key until "Video Player" appears Press the Left Soft key.
4. Choose which video then press the Left soft key to play the video playback. Press Up or Down navigation key to change to next or previous video. Use * and # key to increase/decrease the volume.

Sound Recorder
Record voice notes:
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Multimedia" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Sound Recorder" appears. Press the Left soft key.
4. Press the left soft key for "Options". Press the Right soft key to stop the recording.
5. Press the Up or Down navigation key to select "Start Recording". Press the Left soft key and start recording.

FM radio
1. Press the Left Soft key to access the menu.
2. Press Up or Down navigation key until "Multimedia" appears. Press the Left Soft key.
3. Press Up or Down navigation key until "FM radio" appears. Press the Left Soft key.

4. Press the Left soft key to play or pause the FM radio. Press Up and Down navigation key to change station.
5. Use the * and # key to increase/decrease volume.

8. SOS Menu

SOS Emergency Button
Important Notice: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions and/or locations cannot be guaranteed. You should never rely solely on any wireless device for medical emergency communication. You can set the emergency numbers in the phone book according to your requirements; you can set a total of up to five emergency numbers. In case of an emergency, when the SOS button is pushed down the phone will automatically send a text message to the first emergency number set up on the phone. The mobile phone will then make the emergency call. If the first call fails, the phone will proceed to dialling the second emergency number. In this manner the phone will circulate the emergency contact numbers in order to receive an answer. The phone will also sound an alarm when an emergency call or message is sent.
Please note: If one of the emergency numbers has a voicemail system, the phone will assume that the call has been answered and will no longer call any more of the emergency numbers.

To activate the SOS function, first add at least one SOS number then switch SOS status to "ON".

Attention! The Emergency SOS button will only make calls if:
1. A SIM card is in the mobile.
2. There is at least one SOS number programmed.
3. There is a SOS text message saved.

Active
To view the SOS status go to SOS Menu/Active. Press Up or Down navigation key to choose either ON and OFF. Press the Left soft key for OK.

SOS numbers
To add the Emergeny Contact Numbers from Phonebook:
1. Press the left soft key to access the menu.
2. Press Up or Down navigation key until "SOS Menu" appears. Press the Left soft key.
3. Press Up or Down navigation key until "SOS numbers" appears. Press the Left soft key.
4. Press Up or Down navigation key to choose either to "Add from Phonebook" or "Edit Contact" if you would like to input number manually. Press the Left soft key to save number.
5. Repeat process to add 4 other emergency contacts.

Send SMS
When the SOS function is activated the phone can send out an emergency SMS.
To view the SOS message status :
1. Press Up or Down navigation key and select SMS Setting. Press Left soft key.
2. Choose either ON and OFF. Press Left soft key for OK.
To Edit the SOS Message:
1. Press Up or Down navigation key to choose "Edit SMS" appears. Press the Left soft key.
2. Manually type text of the message. Press the left soft key to save.

SOS Alarm
When the SOS function is activated the phone can sound a loud Siren alarm to alert people nearby to a problem. To activate or deactivate the Siren: - Press Up or Down navigation key to choose either ON and OFF. Press the Left soft key for OK.

Speed Dial
1. Press the Left soft key to access the menu. Press Up or Down navigation key until SOS Menu appears. Press the Left soft key.
2. Press up and down key until "Speed Dial" appears and press left soft key.
3. Scroll up and down and set the phone numbers to the desired number keys. Select "Edit" and type the number manually or press the Left soft key to select contacts from Phonebook. To call these set speed dial numbers simply hold down the desire key for 3 seconds in home screen.

9. Organiser

Calculator
Phone can provide basic calculator functions: addition, subtraction, multiple and division
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Organiser" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Calculator" appears. Press the Left soft key. Enter number keys to enter values. Use the * key for decimal. Use Up or Down navigation key to select the math operation: +,-,x and ÷.
4. Press the right soft key to clear the last digit or to exit the calculation operation. Press the Left soft key to complete the operation.

Alarm
You can set up up to three alarms:
1. Press the Left soft key to access the menu.

2. Press Up or Down navigation key until "Organiser" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Alarm" appears. Press the Left soft key.
4. Select Alarm1, press the Left soft key.
5. Choose On to activate alarm.
6. Choose Edit to edit alarm. In edit mode you can choose a different alarm tone, change the time, and set repeat options.
7. Repeat the process for the multiple alarms if needed.
Turning off the Alarm
When the alarm sounds:
• Press the Left Soft key to shut off the alarm
• Press the Right Soft key to snooze.

Torch
The torch dedicated button is on the right hand side of the phone. Slide upwards to switch on and down to switch off.

Calendar
To view the calendar:
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "Organiser" appears. Press the Left soft key.
3. Press Up or Down navigation key until "Calendar" appears. Press the Left soft key.

File Manager
1. Press the Left soft key to access the menu.
2. Press the Up or Down navigation key until "Organiser" appears. Press the left soft key.
3. Press Up or Down navigation key until "File Manager" appears.
4. Press the Left soft key.
5. Choose either "Phone" or "Memory Card".
6. Press the Left Soft key to access submenus to view or play multimedia files.

Bluetooth
The mobile phone supports Bluetooth

function. You can use Bluetooth wireless technology to set wireless connection with other compatible phones, computers, headsets, in-car accessories etc. With Bluetooth function, you can send photos, video segments, audio segments, personal business card and memos. You can also establish wireless connection with a compatible PC to transmit files. Try to keep the two devices you are connecting comthrough Bluetooth close together while they are in use. Most Bluetooth headsets have a range of 10 meters. If possible, try to keep your phone on a chair beside you or nearby while talking on your headset to ensure the best connection. When using your computer, try putting your phone on the desk beside your monitor to ensure the best connection possible.

Pair Bluetooth Devices
Have one of the devices "search for new devices" to find the other. Typically you want a phone to search for your headset or audio speaker rather than the other way around. The Search function is located within the Bluetooth menu in your phone.
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until Organiser appears. Press the left soft key.
3. Press Up or Down navigation key until "Bluetooth" appears. Press the Left Soft key.
4. Press the Left soft key to activate Bluetooth then use this menu to pair devices, make your phone discoverable and edit your device name.
Once your phone finds the other device enter the "pairing code" for the device to link the two together. The pairing code is typically located on a sticker on the back of a headset or in the instruction book for a device.

10. Settings

User Profiles
You can use profiles to set and customise the ring tones, message alert tones, and other tones for different events.
1. Press the Left soft key to access the menu.
2. Press Up or Down navigation key until "SETTINGS" appears. Press the Left soft key.
3. Use the Up or Down navigation key to select from the following profiles: General, Silent, Meeting, Indoor, Outdoor.
4. Press the Left Soft key to enter the editing mode. Here you can Activate or customise the Settings for each profile according to the items in the table below.

Settings Menu

Setting	Description
Rename	Change the name of the profile
Ring Settings	Change the ringtone and message tone
Adjust volume	Change the volume for Calls, Messages and Alarms
Ring Type	Change the Vibrate settings
Other alert rings	Change the keypad tone, battery low alert and power ringtone.

Call Settings
These features require the support of your network provider based on the calling package you select when you purchase your phone. To access the Call Setting Menu go to Settings/Call Settings

Call divert	Divert calls to another number *your network may charge for this service
Call waiting	Activate call waiting services
Call barring	Restrict numbers you will call or accept calls from.
Hide ID	Hide your phone number *network must support for this feature to work
Others	Auto redial, Call time minute reminder, Vibration when connected, Answer/Reject mode, Flight mode, Auto Call record

Phone Settings
1. Date & Time - to set date and time.
2. Language Settings - to set desired language.
3. Shortcut Settings - to set the shortcut menu for Up and Down navigation keys.
4. Auto Power On/Off - to set desired time schedule for power On and Off.
5. Restore Factory Settings - to restore the default settings settings, use password 1234.

Display
1. Wallpaper - to set desired wallpaper background for the screen.
2. Idle display settings - to set your display settings when keypad is locked.
3. Contrast - to set the screen contrast of the display. Use keys 4 & 6 to decrease and increase the contrast.
4. Keypad backlight time - to set the keypad backlight time.

Security Settings
This is to prevent your mobile phone from illegal use. You can set SIM or PIN security as ON/OFF in Settings/Security Settings/PIN. PIN can be obtained from your network provider. You can also set Phone Lock as ON/OFF in Settings/SecuritySettings/Phone Lock.
NOTE: The default phone lock password is

1234. Please change into your own private password as soon as possible.
Screen Auto Lock - to set time for automatic screen timeout and keypad lock.

Call logs
This option stores recently dialled calls, received calls and missed calls. Your phone can store up to 20 records for each function.
1. Press the Left Soft key to access the menu.
2. Press Up or Down navigation key until "Call logs" appears. Press the Left Soft key.
3. Scroll through available functions (missed calls, dialled calls, received calls, rejected calls, delete all and call timers).
Press the Left Soft key to select the desired function.

11. Troubleshooting

Phone does not turn on
1. Ensure you have held the power button down for more than 5 seconds.
2. Re-insert the battery and retry turning on the phone.
3. Plug charger into the phone and ensure the battery is charged.

Cannot connect to a network
1. Signal strength may be weak, try moving your location and try again.
2. It may be possible that you are using the phone beyond the network service coverage area.
3. Check that your SIM card is correctly installed and is valid. (Contact your network provider)

No information displays when the phone is on
1. Check that your SIM card is correctly installed.
2. You may need to unlock your keypad using the Left Soft key (hold down for 3 seconds).
3. You may have permanently locked your

phone by entering the PIN code incorrectly 3 times. Obtain your PIN/PUK code from your network provider.

Phone call quality is poor
1. Increase the call volume using the Up and Down keys during calls.
2. It may be that the network reception is poor in your location. Try moving to another area to obtain a better connection.

Shorter standby time
1. Standby time is related to system settings. In areas of poor reception, the phone will use more battery power to try to find a base station.
2. It could also be the case that the battery of the phone has become worn out. You may need to replace the battery.

SIM card Error
1. Reinstall the SIM card in the phone. Ensure the metal contacts are clean - wipe gently with a clean cloth before inserting into the phone.
2. The SIM card may not be correctly installed.
3. If the SIM card is damaged contact your service provider.

Some features do not operate or cannot be set
1. This could be due to an operation error on the phone. Switch the mobile phone off and restart after 30 seconds.
2. The network provider may not support the feature you are trying to use and this may prevent its use.

Cannot receive incoming calls
1. Ensure your mobile phone is switched on and connected to a network.
2. Ensure your SIM card is correctly installed.

3. Call restrictions may be prohibiting incoming phone calls, so these settings must be checked.
4. Poor areas of network coverage can prevent incoming calls so check the network status of your phone.

Phone not charging
1. Bad connections can hinder the phone charging; ensure all contacts are correctly connected.
2. Check to see whether the phone battery charging slot or the charger itself is damaged. If so, discontinue use. Replace battery or charger.
3. The phone cannot be charged in temperatures below 10˚C or above 55˚C.

Does not dial numbers
1. Confirm that once the number is entered using the keypad that the call button is pressed to dial the phone number.
2. Check the phone number entered is correct.
3. Check reception coverage status of your mobile phone.
4. Ensure the call restriction settings are correct in order for you to dial outgoing calls.

12. Radio Frequency (RF) Exposure and SAR

This device meets international guidelines for exposure to radio waves. Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) radiation recommended by international guidelines (ICNIRP). These limits are part of the comprehensive guidelines and establish the permitted levels of RF energy for the general population. The guidelines were developed by

independent scientific organizations through periodic and thorough evaluation of scientific studies. The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the device. SAR values may vary depending on national reporting and testing requirements and the network band. Use of device accessories and enhancements may result in different SAR values. The SAR limit for mobile devices used by the public is 2.0 w/kg (watts per kilogram) averaged over 10 grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The highest SAR Value - 1.867 w/kg.

Transmitter Frequency: EGSM900: 880-915 MHz; DCS1800: 1710-1785 MHz;

Bluetooth: 2402-2480 MHz

Receiver Frequency: EGSM900: 925-960 MHz; DCS1800: 1805-1880 MHz;

Bluetooth: 2402-2480 MHz ,FM Radio: 87.5-108 MHz

Output Power: EGSM900: 32.6 dBm; DCS1800: 29.5 dBm; Bluetooth: 4.67 dBm

Check out our other fantastic range of products at www.ttfone.com

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