



User Manual

IP-850

WCDMA Wireless Telephone

Please read the manual before use

WELCOME

Thank you for choosing the WCDMA wireless telephone. After reading this guide, you will be able to fully master the usage of your phone and appreciate all its thorough functions and simple operation approaches.

DECLARATION :

This manual as a product use instruction does not represent the explanation for the product's software and hardware, the features possibly varies by region.

This dual SIM dual standby mobile is compatible with GSM/GPRS/EDGE/WCDMA technology. Some functions referred in this guide also need the support from a network operator or a service provider.

In order to ensure use in safety, please read the "Safety Notice" in advance.

Regarding all the functions marked (*) , the manufacturer reserves the right to final interpretation.

ICONS



INDICATES warning for special attention.



INDICATES caution information.



INDICATES special explanation or tip in usage

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Safety notice

Before using the phone, please read and follow the rules as below carefully.



If you make or answer a call while driving, please use the hands-free device (e.g. earphone, vehicle hands-free system, mobile hands-free system) or use your phone after parking.



Please switch off your phone where you see signs forbidding phone use. Such signs can be found in medical centers or establishments with medical equipments.



The phone may interfere with the communication network of aero planes, so please make sure your phone is switched off during the flight.



To avoid the risk of any explosion, please switch off the phone at petrol stations and places which are near fuel, chemical solvent or other dangerous substances.



Please switch off your phone in areas where there could be a risk of explosion and where you are asked to switch off bidirectional radios. Notice and adhere to any rules and regulations concerning mobile phone use.



All phones can be subject to interference, which may affect its performance.



In order to ensure high performance and to avoid damaging the phone, please use the original accessories and battery. Avoid using products which are not compatible.



Keep this product away from excessive moisture and extreme temperatures.



Please neither burn the phone battery nor take it as ordinary rubbish, as this could endanger life and contaminate the environment. Please obey the environmental policy of the local government and have them dispose and recycle in time.



If you need to connect your phone to other devices, please read the user guide carefully to ensure the procedure is carried out safely.



Keep small parts (e.g. SIM card) out of the reach of children to prevent batteries from being swallowed or cause other dangers.

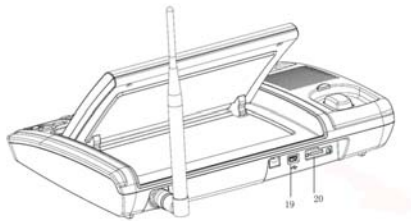
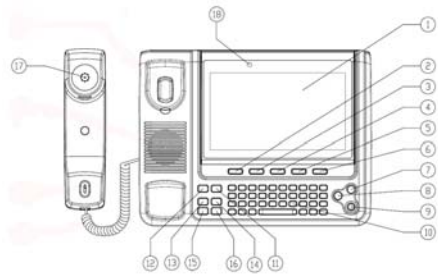


Please back up the important information of phone and make sure to have a copy in case data lost from your phone.



Make sure the phone is on and in service before making an emergency call. Then press the call key for your position to be located. Please don't end call unless you are told to do so.

1. Getting to know your phone



















No.	Name	Description
1	LCD	Screen to display.
2	[Home key]	Enter the standby screen quickly.
3	[Email key]	Access to Email quickly.
4	[Browser key]	Connect to the Internet quickly.
5	[Facebook key]	Access to Facebook quickly.
6	[Chat key]	Access to MSNGR quickly.
7	[F1-key]	Corresponding to the operation on bottom of the screen.
8	[F2-key]	Corresponding to the operation on bottom of the screen.
9	Trackball	<p>Slide trackball up/down/left/right to use as [Up/Down/Left/Right key].</p> <p>[Up/Down/Left/Right key]</p> <ol style="list-style-type: none"> 1) Move focus / cursor. 2) Shortcuts on idle screen. (Can be set in settings menu) 3) Up/Down key to regulate the volume during a call. 4) Right/Left key to regulate the ring volume of the current profile. <p>Press trackball to use as [OK key].</p> <p>[OK key]</p>

		<ul style="list-style-type: none"> 1) Carry out Select, Confirm, etc. 2) Enter into function of the current focused item.
10	[Number key] and [QWERTY keypad]	<p>[Number key]</p> <ul style="list-style-type: none"> 1) Enter call number in the standby mode. 2) Enter number in the input mode. <p>[QWERTY keypad]</p> <p>Enter text in input mode.</p>
11	[End/Power key]	<ul style="list-style-type: none"> 1) Power on/off with a long press. 2) Refuse a coming call/End calling. 3) Exit app and return to idle screen.
12	[Send key]	<ul style="list-style-type: none"> 1) Make a call. 2) Enter call history screen in standby mode.
13	[FM Radio key]	Access to FM quickly.
14	[Menu key]	Enter the main menu screen quickly.
15	[Speaker key]	<ul style="list-style-type: none"> 1) Make a call in hand-free mode. 2) Answer a call in hand-free mode.
16	[Contacts key]	Access to Contacts quickly.
17	Earpiece	<ul style="list-style-type: none"> 1) Receive a call when incoming call. 2) End the call when calling.
18	Camera	Use when dialing a video call.

19	USB connector	Connect to date.
20	SD card slot	To insert the SD card.

Status bar

Icon	Function
	GSM network
	UMTS network
	unknown network
	GPRS
	EDGE
	UMTS
	HSDPA
	Calling
	unread message
	Unread multimedia message

	Missed call
	Alarm clock
	Phone memory full
	Music playing background
	FM playing background
	a call in speaker mode

2. Getting Started



错误！未找到引用源。 **Install the USIM/SIM card**



CAUTION Always turn off your device before inserting or replacing the USIM/SIM card and battery.

Battery performance depends on various factors, including network configuration, signal strength, the temperature of the environment in which you operate the device, the features and/or settings you select and use, items attached to connecting ports, and your talk time, data transmission, and other software usage patterns.



WARNING To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or repair the battery.
- Do not crush, puncture, short-circuit the external connector, or dispose in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery designated for this product.
- Recycle or dispose of used battery as stipulated by local regulations.

Note:

The battery pack is a backup for emergencies in case of a power failure. Do not operate the phone without having the AC/DC adaptor connected.

Be sure to carefully match the positive and negative terminals as shown on the battery. When using the phone

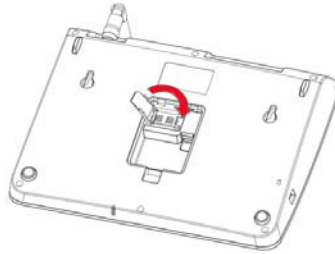
for the first time, charge it for over 6 hours to ensure optimum battery charge.

Remove the rear cover :

- (1) If the phone is on, press and hold [Power key] to turn it off.
- (2) Hold the device with the front panel facing down, and remove the rear cover.

Insert the SIM card:

- (3) Place the SIM card in the phone with the gold-colored contact area facing down.




- (4) Place back the rear cover.

Note:

When using the phone ,please fix it on the desk or the wall.

Charge the battery

Charging the battery by the charger :

- (1) Connect the charger to the phone through the charging port.
- (2) Connect the charger to a standard wall outlet.
- (3) When the battery is fully charged (the icon  is no longer moving), unplug the travel charger from the power outlet.



CAUTION New batteries have been pre-charged partially before shipment. Before you start using your device, it is recommended that you insert and charge the battery. Some batteries perform best after several full charge/discharge cycles.

Do not remove the battery from the device while charging.



Turn your phone on and off

After installing your SIM card and battery and charging the battery, you can now power on and start using your device.

Press and hold the [End/Power key] for a few seconds.

 **Password**

PIN code

PIN code (Personal Identification Number) will avoid illegal use on your SIM. PIN code is provided with SIM card. If inputting wrong PIN code for three times, you should unlock it by PUK code. Default PIN code is 1234. For more information, please consult your service provider.

PIN2 code

You need to input PIN2 code in some functions (such as, call costs). If inputting wrong PIN code for three times, you should unlock it by PUK code. For more information, please consult your service provider.

PUK code

When PIN code is locked, PUK is required. Usually, PUK code is provided with SIM card. If not provided or lost, please buy a new SIM card. The PUK code cannot be changed.

PUK2 code

When PIN2 code is locked, PUK2 is required. PUK2 code is provided with SIM card. If not provided or lost, please buy a new SIM card. The PUK2 code cannot be changed.

3. Quick Start Guide

Learn how to perform basic operations and use the main functions of your mobile phone.

Standby and Unlock

Idle Screen



Main Menu



Date and Time Setting 错误！未找到引用源。

- (1) < Main Menu >→<Settings>→<Phone settings>→<Time and date>.
- (2) Choose <Time>, input to adjust the time, and then press **[F1-key]** to save.
- (3) Choose <Date>, input to adjust the date, and then press **[F1-key]** to save.
- (4) Set <Time zone>, <Use 24-hour format > and <Date format>.

**Make a call****Make a call**

- (1) In standby or main menu, press any number key to enter Dial board, input numbers to make a call.
- (2) Press **[End key]** to end the call.



When inputting numbers, you can press **[Delete key]** to delete an error inputting.

Make a call from Contacts

- (1) In main menu, select <Contacts> to enter the Contacts menu.
- (2) Slide Trackball up/down to search for the contact, or search for a contact through instant initial letter searching.
- (3) Press **[Send key]** to make a call.

Make a call from Call log

- (1) In standby mode, press **[Send key]** to enter Call log menu.
- (2) Slide **Trackball** up/down to search for a Call log.
- (3) Press **[Send key]** to make a call.

Make an international call

- (1) Press **[O]** key in QWERTY keypad to input “+” in dial board
- (2) Input country code and phone number
- (3) Press **[Send key]** to make a call.

Dial an extension number

Long press **[*]** key in QWERTY keypad to input “P” in dial board.

You should dial the phone number first and then dial the extension number. If you insert “P” between phone number and the extension number, then press **[Send key]**, so call to the extension will be made automatically.

Make an emergence call

Input the emergence number and then press **[Send key]**.



Answer a call, Check missed calls**Answer a call**

When a call comes in, a dialog box will appear, showing the incoming number or a contact, press **[Send key]** to answer, or **[End key]/[F2-key]** to reject the call.



When a call comes in, you can press **[F1-key]** to stop ringing.

Answer two calls in the same time

If call waiting is on (service from the operator is required), you can follow as below when the second call comes:

Press **[Send key]** to answer the second call, the current call will be on hold.

Press **[End key]** to reject the second call, the current call continuous.

Check missed calls

Your phone will display a pop-up box to prompt the calls you have missed, to check details, press Trackball; to cancel, press **[End key] / [F2-key]**, and a missed call icon will appear in status line.

You can also enter the **<Call Log>** to check missed calls.

End call

Press **[End key]** to end call.

**Send a Message**

Create and send SMS message from your device.


- (1) In message screen, choose **<SMS>**->**<New SMS>** to create a new message.
- (2) Input the phone number or choose from **<Contacts>**.
- (3) Input message text, press **[F1-key]** and select **<Send>** to send it.



Press **[F1-key]** - **<Insert>** to choose and insert Contact info or Text template.

 **Read a new Message**

Read a message

When you have a new message, a pop-up box appears. To read the message, press the item; to cancel, press **[End key]/ [F2-key]**, and a missed message icon <  > appears in status bar.

4. Functions Description

Call Log

Call log can record the numbers of all calls, missed calls, dialed calls and answered calls.



Only if the network supports these functions, with the device switched on and located within the network service area, the phone can record missed calls and answered calls.

In idle screen, press [**Send key**] to enter the call log screen.

Check call log

Call logs display the contact's name and the phone number, the times of calling from/ to the same contact and the last time of the incoming / outgoing call. Choose a record you want to enter the detailed call log.

- (1) If the current number is not recorded in the contacts, you can view the details of call time and operate as follows:
 - > **Voice call** : make a voice call to the focus number
 - > **Video call** : make a video call to call the focus number
 - > **Copy to dialer**: copy the number to the dialer
 - > **Send SMS**: enter to send a SMS to the focus number
 - > **Send MMS**: enter to send a MMS to the focus number
 - > **Save to contacts**: enter and choose **New contact** to add this number to a new contact; or choose **Existing contact** to add this number to an existed contact.
 - > **Delete**: press **Trackball** to delete the focus call log.

- **Delete more:** select to delete one or more call logs.
- (2) If the current numbers have been recorded in the contacts, you can view the details of call time and the contact, and operate as below:
- **Voice call :** make a voice call to the focus number
 - **Video call :** make a video call to the focus number
 - **Copy to dialer:** copy the number to the dialer
 - **Send SMS:** enter to send a SMS to the focus number
 - **Send MMS:** enter to send a MMS to the focus number
 - **Contact detail:** view the details of the contact
 - **Delete:** press **Trackball** to delete the focus call log.
 - **Delete more:** select to delete one or more call logs.

Call back quickly

In the call log, select the number and press **[Send key]** to call back quickly.

Delete call log

In the call log, press **[F1-key]**, choose **<Delete>** menu, select the item you want to delete, or **<Delete more>**, then press **[F1-key]** to delete selected items.



Contacts

You can manage your contact information in contacts menu.



WARNING if the contacts are saved in USIM/SIM card , only contact name and one number can be recorded and edited.

- (1) In main menu, choose **<Contacts>** to enter the contact list.

- (2) The contact list can display the contact name and the storage location. You can press [**Send key**] to make a call.
- (3) In the contact list, press [**F1-key**], operate as below:
- **Add new contact**: enter the new contact's editing screen, choose the contact will be saved in the phone or SIM. And input the contact name, number, email and etc., and then press [F1-key] to save all the information.
 - **Send SMS**: enter to send a SMS to the focus contact
 - **Send MMS**: enter to send a MMS to the focus contact
 - **Voice call**: make a voice call to the focus contact
 - **Video call** : make a video call to the focus contact
 - **Copy to dialer**: copy this number to dialer
 - **Send as vCard**: send contact as v-card via SMS
 - **Group**: view all the contacts in groups and to add new group, send message to a group, edit group and delete
 - **Delete**: delete this number from contacts
 - **Move to Phone or SIM card**: move the contact from phone to SIM, or from SIM to phone. After that, the contact will be not in the previous phone or SIM.
 - **Copy to Phone or SIM card**: move the contact from phone to SIM, or
 - **Mark**: mark contacts to send messages, send as vCard, delete, move to and copy to SD card.
 - **Settings**: includes **Speed dial**, **Contacts to display**, **Default storage location** and **Fixed dial numbers**
 - **Memory status**: view all the contact information in the phone, SIM and groups.

- **My number(SIM Card):** view the SIM card's number
- **Service numbers:** numbers built-in SIM card

Add a new contact

- (1) In the contact list, press **[F1-key]** - **<Add new contact>** to enter the new contact's editing screen.
- (2) In the editing screen, input the contact name, number, email and etc., then press **[F1-key]** to save all the information.



Choose **<Phone Contact>** on the editing screen to select the storage location.

Choose the image to add contact picture from photos. To add more information, you can choose **<Add detail>**.

View contacts information

- (1) In the contacts list, click the contact name to view details.
- (2) Press **[F1- key]** to have :
 - **Send SMS:** enter to send a SMS to this contact
 - **Send MMS:** enter to send a MMS to this contact
 - **Edit:** edit the information of this contact
 - **Voice call:** make a voice call to this contact
 - **Video call:** make a video call to this contact
 - **Copy to dialer:** copy this number to dialer
 - **Send as vCard:** send contact as v-card via SMS
 - **Delete:** delete this contact from contacts
 - **Move to Phone or SIM card:** move the contact from phone to

SIM, or from SIM to phone. After that, the contact will be not in the previous phone or SIM.

- > **Copy to Phone or SIM card:** move the contact from phone to SIM, or from SIM to phone.
- > **Duplicate contact:** duplicate this contact in the same phone or SIM
- > **Add to speed dial:** add as one of the speed dials and choose a number from 2-9 as the speed dial number for this number.

Edit contact information

In the contact detailed screen, press **[F1-key]**, and choose **<Edit>**.

Delete contacts

In the contact list, press **[F1-key]**, choose **<Delete>** to delete the focus contact, or choose **<Mark>** to select one or more contacts to delete.

Speed find

In the contact list, input the first letter to find the contact.



Messaging

In messaging screen, you can create, send, receive, view, edit and set the SMS/ MMS. You can also receive network service message and broadcasting message.



WARNING SMS and MMS functions require the service from service provider. Only the devices that are compatible with MMS function can receive and display MMS.

In main menu, choose **<SMS>/<MMS>** to enter the message function.

Create a SMS/MMS**Create a SMS**

- (1) In the SMS function screen, choose the **<New SMS>** on top of the screen to edit a new message.
- (2) Enter the phone number in the receiver column or choose **<Contacts>** to select one or more numbers and then press [F1-key] to add to the receiver list.



Choose **<Add from Contacts>** to add a receiver.

- (3) Input the message content in message column.



- Choose **<Insert>** to insert **Contact info** or **Text template**.

- Choose **<Send>** to send the message.

- Choose **<Save to drafts>** to save the message in Drafts.

- Choose **<Save as template>** to save the message as template.

Create a MMS

- (1) In the MMS function screen, choose the **<New MMS>** on top of the screen to edit a new message.
- (2) Enter the phone number in the receiver column or choose **<Contacts>** to select one or more numbers and then press [F1-key] to add to the receiver list.



Choose **<Add from Contacts>** to add a receiver.

- (3) Input the message content in message column.



- Choose **<Insert picture/video/ sound/ other>** to insert picture/video/sound/other.
- Choose **<Add subject/Cc/Bcc>** to add subject/Cc/Bcc to the message.
- Choose **<MMS control>** to preview the MMS, remove slide, set slide timing or add attachments.
- Choose **<Send>** to send the message.
- Choose **<Save to drafts>** to save the message in Drafts.

Read the message

- (1) When a new message comes, a dialogue box will appear on the screen. Choose the item to enter the Inbox.
- (2) Choose unread message to read it.

Inbox

View message list and read/unread status.

Sent

Save and view/delete sent message.

Drafts

Save and view/delete drafts.

Outbox

Save and view/delete messages waiting to be sent

Settings

In SMS screen, press **[Options]** - **<Settings>** to set SMS settings, Text template and Cell Broadcast.

In MMS screen, press **[Options]** - **<Settings>** to set MMS setting and Text template.

SMS settings

SMS setting

- **Service center:** To view and edit the service center's number. Usually, there is a default number and don't have to change.
- **Delivery report:** When it is on, message center will send you the delivery report.
- **SMS Type:** select the type for SMS.
- **Validity period:** Set the period that messages stay in the message center.
- **Save sent SMS:** select on/off.

Text template

Edit /delete/add text template.

Cell broadcast

On/off to receive cell broadcast or not and also set channel.

MMS settings

MMS setting

- **Validity period:** Set the period that messages stay in the message center.
- **Priority:** Set the MMS's priority to be low, normal or high.
- **Delivery report:** When it is on, message center will send you the delivery report.
- **Fetch mode:** Set the fetch mode for MMS.
- **Auto-Playback:** Set the MMS's playback to be automatic or

manual.

- **Deliver size limit:** Set the max deliver size.
- **Reception size limit:** Set the max reception size.
- **Save sent SMS:** select on/off.

Text template

Edit /delete/add text template.

Settings

Choose < **Main Menu** > → < **Settings** > to set the settings.

Display settings

Set the theme, wallpaper, widgets and shortcuts

Ringtone settings

Include settings of **Call default ringtone**, **Message ringtone**, **Ringing volume** and **Keypad tone**.

Phone settings

Time and Date

You can set the time, the date and the format in the menu.



WARNING If you remove the battery from the phone or the battery is depleted for a long time, then you may need to reset the time and the date when restarting the phone after charging/reinstalling the battery.

Language

Select the language shown on the phone, including **English** and **Spanish**.

Backlight

Adjust backlight, including **Brightness** and **Backlight duration**.

Input setting

To set the input language, default input method and currency symbol.

About

View the information of this device.

Call settings**Call control >Send my number**

You can choose **Set by network**, **Send** or **Hide** your number.



The service requires network service.

Call control >Auto dial

To set auto dial function on or off.

Call control >Call duration

To set durations of last call, dialed calls and answered calls.

Voice call

Include **Call diverting**, **Call barring**, **Call waiting** and **Auto redial**.



The network service and the SIM card are required to activate the call restriction function.

Video call

Include **Set my show**, **Call diverting** and **Call barring**



The network service and the SIM card are required to

activate the call restriction function.

Voice mail

Edit the number of the voice mail.

Networks settings

Networks settings menu can help you set the network mode and search the network automatically/manually.

Connectivity settings

Set the connection type for default connection, Browser, JAVA, MMS and data account.

Security settings**Phone lock**

Select to turn on/off phone lock (default password is "0000").

Function Protect

Functional protection provides password protection for contacts, SMS, MMS and call log. You have to enter the phone code when activating the functional protection for any function.



WARNING You have to input the phone code before setting the functional protection (default password is "0000").

Change phone code

To change the phone code to the one you like. You have to input the phone code before entering the function (default password is "0000").

PIN Settings

Manage PIN and PIN2 code.

Reset default settings

You can select the functions to be restored as default value.

Input password (default password is "0000").

 **Multimedia**

You may manage files including images, videos, sounds, downloads and others.

In the screen of file manager, press [F1-key] to obtain more items as below:

- **Delete:** select to delete the item
- **Delete more:** select to delete one or more items
- **Send via MMS:** select to send the item via MMS
- **Rename:** select to rename the item
- **Manage:** select to move/copy the item to folder or create a new folder.
- **Properties:** select to view the details of the item
- **Memory status:** select to view the memory status of Multimedia and SD card

 **Browser**

Your mobile phone supports wireless application protocol WAP and WWW service. Please make sure that you have launched the mobile Internet services before you use the function. It may be charged to use the internet service. The charge information is provided by the network service providers.

You can access many different Internet services such as news, weather reports, flight information, and others. These services are

especially designed for mobile phones and maintained by WAP/WWW service providers.

Network service is necessary for WAP. Please contact your network provider and/or the service provider of the desired service. The service provider will also provide instructions about how to use their service.



WARNING The charge information and other specific settings are provided by the network service providers.



Camera

You can use the phone's camera to take photos and adjust the camera's settings. The camera is on the front of the phone and takes the screen as a viewfinder. The photos taken by the camera are saved as JPG format.



WARNING Please install the memory card before using Camera.

Preview

In the preview screen, press **[F1-key]** to view options menu:

- **Resolution:** set the photo's resolution to VGA or QVGA
- **Scenes:** select Normal or MMS mode
- **EV:** adjust Exposure value.
- **Settings:** select to storage the photo in Phone or SD card
- **Album:** view photos in the album.

Take a photo

To a take photo, press **Trackball** when there is no option menu in the interface. Then you can choose to delete, send, rename the taken photo or set it as wallpaper or slideshow.

**Media Player**

The device supports to play music in MP3, WMA, AMR, AAC, MIDI format and play video in MP4, WMV, 3GP format.



WARNING Please install the memory card before using Media Player.

You may see the following submenu in Media Player screen:

- **Now playing:** to view all the music files being played now
- **All Tracks:** to view all the music files in memory
- **Artists:** to search music files and play the album by Artist's name
- **Albums:** to search music files and play the album by album's name
- **Playlists:** to view the playlists and play songs in lists.
- **Videos:** to view all the video files in memory.

Press **[F1-key]** to have below options:

- **Settings:** includes Equalizer setting, Play mode, Sleeping mode and Lyrics display
- **Update:** to update the music files in the Media player



In the menu screen, choose <Now playing> on the screen to enter the player.

Play music

Choose a music file to play.

The phone supports to play MP3 as the background music. In Media player screen, press [**End-key**] to return to standby mode and music will be played as the background music. If you want to close the media player, please enter the media screen to close.

Play video

Choose a video file to play.



Alarm

You can set several alarm clocks at different times and you can set the alarm on or off and delete in this menu.



FM Radio

The phone supports FM radio. Press the [**FM Radio key**] or select <Main menu>→<Tools>→<FM Radio> to enter the function.



WARNING Please install the memory card before using FM Radio.

The operations of FM are as follows :

- **My channels** : list the channels you save
- **All channels** : list all the channels searched
- **Manual tuning**: enter the channel's frequency you like to tune to

the channel

- **Fine –tune:** tune the channels every 0.1 MHz by sliding **Trackball** left/right and pressing **Trackball** to stop tuning.
- **Add to my channels:** add the current channel to my channels list if you like
- **Scan channels:** select to search the channels



Calculator

This supports simple calculation, such as +, -, ×, ÷. The calculator has limited accuracy and is designed only for simple calculations.



Converter

This supports conversion including currency, area, length, weight, temperature, volume and velocity.



Calendar

The function allows you to view calendar, remind you your schedules by alarm clock and record your schedules.

New

In this item, you could add new meetings, to-dos and anniversaries in the calendar.

View

In this item, you could view all events, all meetings, all to-dos and all anniversaries.

Weekly/Monthly view

In this item, you could choose weekly view /monthly view.

Delete

In this item, you could delete any schedules in the calendar.

Go to date

In this item, you could choose the date to view in the calendar.

Settings

Include below settings:

- **Calendar alarm ring**: choose the calendar alarm ringtones
- **Alarm snooze time**: choose the alarm snooze time from 2 to 60 minutes
- **Week starts on**: choose Sunday or Monday
- **Default view**: choose default view as monthly view or weekly view

**Java Apps**

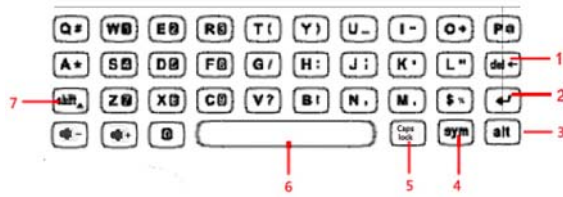
You can download and view all installed JAVA games and applications in JAVA menu.

5. Input Method

This mobile phone supports English and Spanish input.

You can set default input language in < Main Menu > → < Settings > → < Phone settings > → < Input settings >.

QWERTY Keyboard Operation Description:



(1) **Delete key:**

- Delete one character of edit interface.
- Delete selected list item.

(2) **Enter key:** Move the cursor to the next line.

(3) **Alt key:** Enter optional character of a key (such as number and symbol) by pressing “Alt” and the key at the same time.

(4) **Sym key:** Press “Sym” to display symbol pad.

(5) **Caps lock key:** Press “Caps lock” key to cycle capitals and lower letters.

(6) **Space key:** Press “Space” key, a space character will be entered.

(7) **Shift key:** Press “Shift” to cycle capitals and lower letters.

6. TECHNICAL INFORMATION

Technical Specification

Weight	Handset	110 gram
	Transceiver	935 gram
Size	Handset	48mm(A)*187mm(L)*36mm(P)
	Transceiver	268mm(A)*203mm(L)*50mm(P)
Battery	Type	Recargable / Ni-MH
Antenna		Antena
LCD	Resolution	480*234 (pixel * pixel)
Adapter	Type	CA
	Input Voltage	100 V ~ 240 V
	Output Voltage	5 V

* Above technical specification maybe changed without any notice.

7. TROUBLE SHOOTING

You have entered a number but it was not dialed

- Have you pressed?
- Are you accessing the right cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on (pressed for more than one second)?
- Are you accessing the right cellular network?
- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

- Have you switched off the microphone (appears)?
- Are you holding the phone close enough to your mouth?
The microphone is located in the right side of front cover of the phone.

The audio quality of the call is poor

- Check the signal strength indicator in the display. The number of bars after it indicates the Signal strength from strong to weak.

- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialed when you recall a phonebook entry

- Check that the numbers have been stored correctly, by using the Contacts Read feature.
- Re-store them, if necessary.

8. SAFETY INFORMATION

1. EXPOSURE TO RADIO FREQUENCY (RF) ENERGY

- Your phone contains a transmitter and a receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.
- Your phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

2. OPERATIONAL PRECAUTIONS

- To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards; always adhere to the following procedures.

3. EXTERNAL ANTENNA CARE

- Use only the supplied **AVVIO** approved antenna. Unauthorized antennas, modifications, or attachments could damage the phone.
- Do NOT hold the antenna when the phone is IN USE. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

4. PHONE OPERATION

- When placing or receiving a phone call, hold your phone as you would use a wireless telephone.
- To maintain compliance with RF energy exposure guidelines, ensure the phone antenna is at least 10 inches (25centimeters) from your body when transmitting.

5. APPROVED ACCESSORIES

- Use of accessories not approved by **AVVIO**, including but not limited to batteries and antennas, may cause your phone to exceed RF energy exposure guidelines.

6. RF ENERGY INTERFERENCE / COMPATIBILITIES

- Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

7. MEDICAL DEVICES

1)

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 10 inches (25centimeters) be maintained between the fixed wireless phone and a pacemaker.

Persons with pacemakers should:

Always keep the phone more than 10 inches (25 centimeters) from your pacemaker when the phone is turned ON. Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

2)

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult




your hearing aid manufacturer to discuss alternatives.

- 3) **Other Medical Devices**
 If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

8. BATTERIES

Batteries can cause property damage and / or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only original batteries and chargers.

Your battery or phone may contain symbols, defined as follows.

	Important safety information will follow
	Your battery or phone should not be disposed of in a fire
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information



Your battery or phone should not be thrown in the trash

- Please don't use any damaged battery or charger and use the battery only for its intended purpose.
- Don't apply extreme shock to the battery. It's dangerous to disassemble a battery or to apply extreme shock to the battery via nail or heavy metal objects.
- Keep the charger or batteries out of reach of small children or babies.
- Always try to keep the battery between -10 ~ 55 Celsius.
- Use only manufacturer approved rechargeable batteries and charger designated for this device.

9. Seizures / Blackouts

- Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.
- If you experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor.

9. REGULATORY



Brightstar Corp. hereby declares this unit to be in compliance with the relevant

Provisions of the Low Voltage Directive 73/23/EEC and the EMC Directive 89 / 336 / EEC.

Brightstar Corp. hereby declares this unit to be in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EEC.

The FCC certification is applicable only for IP-850

10. FCC Notice to Users

We have not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.19(3).

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

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 the receiver.

- Connect the equipment to 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.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types IP-850 (FCC ID: WVB-IP850) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 0.118 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 25mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 25mm separation distance between the user's body and the back of the handset. 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.

11. WARRANTY

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

The access codes (except for the PUK codes) can be changed using the

Security Settings menu options.

Phone Password

The phone password can be set to avoid unauthorized use of the phone. The password generally supplied with the phone is 0000. You are advised to change it before you start using your phone.

Keep the new password secret and in a safe place, separate from the phone.

PIN

The PIN (Personal Identification Number) protects your SIM card against unauthorized use. The PIN is usually supplied with the SIM card. When the PIN Check feature is enabled, the PIN is needed each time the phone is powered on.

If you key in an incorrect PIN some times depends on SIM card or Country in succession, key in the PUK and press the OK soft key.

Key in a new PIN and press the OK soft key. Key in the new PIN again and press the OK soft key.

PUK

The PUK (Personal Unblocking Key) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, contact your local service provider.

If you key in an incorrect PUK some times depends on SIM card or Country in succession, the SIM card cannot be used anymore.

Contact your service provider for a new card.

You cannot change the PUK.

12. Maintenance

Battery Maintenance

1. Please do not put/throw batteries into a fire, as this will cause the battery to burn and explode.
2. When installing the battery, do not use force or pressure, as this will cause the battery to leak, overheat, crack and burn.
3. Please do not use wires, needles or other metal objects to short-circuit the battery. Also, do not put the battery near necklaces or other metal objects, as this will cause the battery to leak overheat, crack and burn.
4. Please do not solder the contact points of the battery, as this will cause the battery to leak overheat, crack and burn.
5. If the battery overheats, changes color, or becomes distorted in use, charging, or storage, please stop using and replace it with a new battery.
6. If the battery leaks or gives off a strange odor, please remove it from the vicinity of the open fire to avoid a fire or explosion.
7. Please do not use or place batteries in places of high temperature such as in the sun.

Phone Maintenance

1. Please keep the phone and the spare parts beyond reach of children.
2. Avoid contact with water or other liquids. Liquid in the phone could cause a short circuit, battery leak or other malfunctions.
3. Please keep the phone away from the high temperature, as it will shorten the service life of the phone, and make the plastic damage the

battery.

4. Do not disassemble or modify the mobile phone, as it will lead to damage to the phone such as battery leakage or circuitry failure.
5. Do not use acid or alkali substances to clean the phone.
6. Do use the original spare parts. Otherwise it will fail the warranty.

13. Troubleshooting

Problems	Cause
The phone can't be switched on	The battery power is used up; Incorrect battery installation.
(U)SIM card malfunction	(U)SIM card is damaged; Contact your network service provider. (U)SIM card is not properly inserted; Confirm (U)SIM card is properly inserted. There is a foreign substance on the metal surface of the (U)SIM card. Use a clean cloth to wipe off the metal contact point of the (U)SIM card
Poor reception	Using the mobile phone in an area with poor signal such as near tall buildings or in a basement where radio waves cannot be transmitted.
	Using the mobile phone when the network is busy, such as during rush hour, when the lines are full making it impossible to get through.
	Related to the distance from the base station built by the network. You can request the network service provider to provide a service area plan.
Echo or noise	Caused by poor network relay, a regional problem; Some regional problem when calling. Hang up and redial, if the relay is changed

	then the line may be better.
Unable to make a call	Using the call bar function. Cancel the function. Using the fixed dialing function. Cancel the fixed call setting
Unable to charge	Battery or charger is damaged. Replace the battery or charger. Recharging in the environment of less than -10C or higher than 55C, Change the charging environment. Poor contact, Check if the plug is properly connected
Unable to connect to the network	Expired (U)SIM card. Contact your network service provider. Out of the GSM service area. Consult your network provider within the service area. Poor signal. Please move to a place with a better signal and try again
Shortening of the standby time	Standby time is related to the network system. Please temporarily turn off your mobile phone, as you are located in an area with poor signal.
	Batteries need to be replaced.
	When you cannot get a signal, the phone will continue to transmit in order to find a base station, thereby expending large amounts of electricity causes the standby time to decrease. Pleas move to an area

	with a strong signal or temporarily turn off your mobile phone.
Incorrect PIN number	Consecutively enter the incorrect password for three times. Contact your network provider.
Unable to add new contact	The storage space of the phone book is full. Delete a portion of the phone number.
Unable to set certain functions	Your network provider does not support this function or you have not applied for it. Contact your network provider.

The Environmental Description of the Mobile Phone

Parts	Hazardous Substance					
	Pb	Hg	Cd	Cr6+	PBB	PBDE
Phone	X	O	O	O	O	O
Battery	X	O	O	O	O	O
Accessories	X	O	O	O	O	O

O : means the concentration of the hazardous substance in all homogeneous materials in the part is under the limit requirement of the SJ/T 11363-2006 standard.

X : means the concentration of the hazardous substance in at least one kind of homogeneous materials in the part is beyond the limit requirement of the SJ/T 11363-2006 standard.

PS : The reason for the product marked with "X" is : there is no alternative technologies or components at present.



The information contained in the user guide is believed to be correct at the time of printing. We reserve the right to change or modify any information, product specifications, features or functionality without notice. The contents of the user guide are provided "as is." Certain features may not be activated by your service provider, and/or their network settings may limit the feature's functionality. Additionally, certain features may require a subscription.

Contact your service provider for details.

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