Foreword

Thank you for choosing Bird mobile phone – you have made a wise choice, congratulations!

Our cellular phones are approved for GSM networks and meet stringent European standards. Your phone may be used internationally with various networks depending on your roaming arrangements with your service provider.

To use this phone you must subscribe to a GSM service from a provider. We have included many features in this device but their function depends on the features available with your subscribed wireless network.

Please contact your service provider for more information.
This User Manual is published by the manufacturer without any warranty.

Revisions and improvements resulting from typographical errors, inaccuracy of current information, and improvements to the device or software may be done without any prior notification, but will be incorporated into newer editions. More information and help on your phone may be available at the manufacturer's website. The manufacturer reserves all rights to the contents herein.

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We strongly recommend you carefully read and understand this manual before using your phone in order to keep it under best conditions for your effective usage and utmost satisfaction.

Knowing the Keys

Key	Description
Left soft-key/Right soft-key	Implement the functions shown in the lower left/right hand corner.
Call/Answer key (Green key)	Make and pick up call. In idle mode, press this key to display your recent call records.
On/Off, End/Cancel key (Red key)	End call or reject the incoming call. Long press to switch ON or OFF the phone. In edit mode, press this key to exit the edit mode. In other interfaces to directly return to idle mode.
Navigator key	To move left, right, up or down the cursor or browse the menu. In idle mode, press or long press to enter the corresponding menu or functions.
OK key	In idle mode to enter main menu. In general situation, it is identical with the left soft key.
Alphanumeric keys	Be used to dial and input text in edit interface. Long press the [0] key to input the default speed dial key and then press the Call key could directly dial.
* key/# key	In idle mode, press the * key to input *, long press to activate or deactivate the forced silent mode. In idle mode, press the # key to input #, long press to lock or unlock the keypad.

Preparing your phone

Installing SIM card
* Keep SIM card out of children's touch.
* Any abrasion or folding could easily damage SIM card, so please be extremely careful when you insert, remove and preserve it.
* Please make sure that you have cut off the power supply and have taken out battery before you remove SIM card.

Find SIM card's groove in the back of the phone and slide it completely there.
During installation, please make sure the chip is facing downwards and pay attention to slot direction.

Installing Battery
1. Align the battery chip with the metallic salient point in battery jar, insert the battery until it is inserted into the battery jar.
2. Slide battery cover onto back of the phone until it is locked. (Refer to the figure)

Removing Battery
Switch off the phone, lift the back cover at the bottom side of the phone to remove, then lift the battery at the bottom side of the phone.

Security codes

- PIN code
This is the private identity code of your SIM card, and PIN is usually provided by the Operator Company.

- PIN2 code
PIN2 code is provided by the Operator Company together with some SIM cards.
If you enter the wrong PIN (the SIM card will be locked) and PIN2 code for successive three times, you need to enter PUK and PUK2 code to unlock. For further information please contact the network Operator Company.

- PUK code
Change of locked PIN needs PUK, the private unlocking code. PUK and SIM card are provided together. Otherwise, please contact your service provider to obtain the code. If you lose this code, you should also contact you service provider.

- Phone code
Phone code can prevent others to use your phone without authorization (original phone code is 1234). To protect the safety of your personal information, please timely modify the original phone lock code.

Using your Phone

Switching ON/OFF
1. Long press the Red key to switch ON your phone.
2. If SIM card is being protected by PIN, you have to enter the correct PIN code.
3. If the phone password has been activated, you have to enter the phone password to unlock your phone.
4. After switched ON, the phone will automatically search the network.

* Network name and signal level will display in screen if the phone has searched the authorized network.
Otherwise the phone could only use some non-communication function like emergency calls.

5. Long press the Red key to switch OFF your phone.

Making a call
1. In idle mode, press the numeric keys corresponding to enter the phone number, including the necessary country code and district number, long press the [0] key to input the prefix symbol "+", long press the * key to input "P" which can to dial a fixed extension number, press the OK key will apply [Delete] to delete the wrong enter; press the Green key to make a call.
2. In idle mode, press the down navigator key or select Phonebook in the main menu to enter the phonebook contacts list interface, find the contact you want, then press the Green key to dial.
3. In idle mode, press the Green key to enter the recent call records, find the record you want, then press the Green key to dial.
4. You can directly dial the emergency service number without SIM card. Different networks use different emergency service number, so for details please inquire the network Operator Company.

When dialing a call, the dialing animation will display in screen, when the other side answers call status information will display in the screen, press the up/down navigator keys to adjust the call volume. During a call, press the Right soft key [H-Free] to switch H-Free or close, press the Left soft key [Options] to enter call options which can be only seen during call.
As for activation of the conference function, you need to apply to the corresponding network Operator Company.

Receiving a call
When you receive a call, the number of your correspondent is displayed when it is presented by the network.
1. Press the Green key and speak.
2. To refuse the call, press the Red key.
3. At the end of the conversation press the Red key to hang up.

Menu Structure

1. Games
2. Phone Book
   (Contacts list)
   - View
   - Send SMS
   - Send MMS
   - Call
   - Add New
   - Search
   - Edit
   - Send Card
   - Delete
   - Copy
   - Change Group
   - Speed Dial
   - Filter Contact
   - Contacts Filtered
   - Manage Groups
   - Own Number
   - List Choice
   - Memory Status
3. Settings
   - Phone Settings
   - Time and Date
   - Language
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   - Auto Keypad Lock
   - Input Methods
   - Ringtone Settings
     - Ringtone
     - Volume
     - Incoming Call Alert
     - Incoming Message Alert
     - Battery Low Alert
   - Display Settings
     - Wallpaper
     - Desktop
     - Backlight
     - Contrast
   - Call Settings
     - Auto Redial
     - Call Waiting
     - Call Divert
     - Call Barring
     - HeadSet Answer
     - Minute Reminder
     - Anonymous
   - Network Settings
     - Auto. Select
     - Manual Select
   - Security Settings
     - PIN
     - PIN2
     - Phone Password
     - Restore Factory Settings
4. Alarm

5. Message Center
   - SMS
     - New Message
     - Inbox
     - Encrypted Messages
     - Sent
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     - Settings
     - Cell Broadcast
     - Voice Mail
     - Memory Status
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6. Call Records
   (Call records list)
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   - Send SMS
   - Send MMS
   - Call
   - Save
   - Add to Existing
   - Send Card
   - Delete
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   - Call Timers
   - SMS Counters
   - Dialed
   - Received
   - Missed
   - Filtered
7. Extras
   - Tuner
   - My Planner
   - Calculator
   - Perpetual Calendar
   - Note Book
   - Stopwatch
   - Converter
   - World Times
   - Currency Converter
   - Height & Weight
   - Biorhythm
   - STK*
8. WAP
9. My Favorite

Phone Book

You can save names and phone number in the phone's memory and in the SIM card's memory. The phone's memory can save up to 250 numbers. The SIM's capacity depends on different SIM card.

Press the Down navigator key to access the phonebook in idle mode, enter the phonebook menu to access all lists of phonebook, including all records saved in the phone and the SIM card. Press the Green key to dial the number and press the Red key to end dialing. Press the OK key to access the name and number details. Press the Left soft key [Options] to make the following operations:

- **View:** Display details of the currently recorded.
- **Send SMS:** Send a short message to the selected number.
- **Send MMS:** Send MMS to the selected number.
- **Call:** Display the calling interface and dial the currently selected phone number.
- **Add New:** This menu allows you to add the new record to the SIM card or the Phone.
- **To SIM:** Select this option, press the OK key or press the Left soft key [Options] then select [Edit] to enter Name input interface, then input the corresponding name, press the Left soft key [OK] to confirm. Press the navigator to switch to number column, enter the phone number and confirm, finally press the Left soft key [Options] to select [Save], and adding records to the SIM card will be done.
- **To Phone:** The steps for adding records to the phone are the same as that of the SIM card. But you can add group for adding records to the phone.
- **Search:** In phonebook list interface, you can press corresponding numeric keys to quickly search, including contactor records of which the name begins with this letter, number.
2. Select this option, you can search by entering full name of one character or even one letter.
3. Or directly press the Left soft key [OK] to enter phonebook list to view all phonebook list.

- **Edit:** Modify the currently selected contactor record.
- **Send Card:** Send selected record to the other via SMS.
- **Delete:** Select [Current] option to delete the currently selected record, select [Custom] to delete several records in the phonebook list in the form of multiple choice list , or select [All] to delete all records in SIM card or/and phone memory.
- **Copy:** Select [Current] option to copy this record to SIM card if it is saved in phone and vice versa, select [Custom] to copy several records in phone book list in the form of multiple choice list, or select [All] to copy all records in SIM card/the phone to the phone/SIM card memory.
- **Change Groups:** Change incoming call group of the currently select record.
- **Speed Dial:** As a matter of convenience for user dialing, this phone provides set number function with 8 numbers at most. When you have set a phone number as set number, in the idle interface, press the numeric key "2~9" then the Green key to dial corresponding phone number.
- **Filter Contact:** Add the current selected phone number to Contacts Filtered for reject this number's calls or messages. Press the OK key to select or cancel it, press the Left soft key [Options] and select [Done] to confirm.
- **Contacts Filtered:** Display list of rejected incoming calls or messages. You can add any record from phonebook, message or unsaved ones with 10 at most. When a phone number has been added to the Filter Call or Filter Message, it will be automatically rejected in any circumstance.
- **Manage Groups:** Default groups in this phone are: SIM, ungrouped, Family, Friends, Colleagues and Classmates, and you can add or delete new groups.
  Tip: default group can not be renamed and delete in the phone.
- **Own Number:** Display my number list. This phone numbers depend on the SIM card.
- **List Choice:** This menu allows you to select the displaying mode of the phone book list: SIM, Phone or SIM&Phone.
- **Memory Status:** View the service condition of the SIM card and phone's phonebook. The capacity of SIM card depends on different SIM card.

Settings

Phone Settings
- **Time and Date**
Time and Date Setting: Directly press the numerical keys in key in the present date, or press the Up/Down navigator keys to input the present date. Follow the same procedure to set the present time.
Format Setting: Time format can be set as 12-hour or 24-hour. Date Format can be set as DD-MM-YYYY, YYYY-MM-DD or MM-DD-YYYY.
Time Zone: Select your current time zone.
SMS Time Sync: After set the own number to accurately, select this function to calibrate the system time by sending short messages.
- **Language:** Select from languages provided in this phone.
- **Hotkeys Setting:** To set hotkeys in idle mode of numeric keys, after setting, long press the numeric keys to enter corresponding functions you set.
- **Auto Keypad Lock:** In this option you can set the time for opening or closing keypad lock. After setting the time for keypad lock, keypad will automatically lock in the idle mode when there is no operation within period of time. When keypad is locked, long press the # key to unlock it.
- **Input Methods:** You can select inputting methods offered by the phone to set the inputting method for editing.

Ringtone Settings
- **Ringtone:** In this option you can select a ringtone as the alert ring for call and SMS. Adjust volumes of call alert, message alert, call, power On/Off, key, alarm as well as vibrate grade. Select incoming call or SMS alert type. Activate or Deactivate the battery low alert.

Display Settings
- **Wallpaper:** Set the wall paper displayed in idle mode.
- **Desktop:** In this option you can choose whether to display operator name, date, time or not.

Network Settings

To set automatically or manually selecting network.

Security Settings
- **PIN:** In this option you can activate or deactivate PIN, which require correct PIN code. When it is activated, you have to input PIN code every times when switching on your phone. You can change PIN when it is activated.
  * **Tip:** If you enter wrong PIN code for more than three times, SIM card would be locked, you need enter PUK code to unlock the SIM card, for details please contact the network operation company.
- **PIN2:** PIN2 is provided by the network Operator Company, for details please contact the network Operator Company.
- **Phone Password:** You can activate or deactivate the phone password which require correct phone password. When it is activated, you have to input the correct phone password every times after replace the SIM card. You can change phone password.
  * **Tip:** Default phone password is 1234, change it to your set password as soon as possible.

Restore Factory Settings
Restore the parameter setup of the phone to the original value after confirming.

BIRD

S160/S160a User Manual

Accessories

Use only batteries, chargers, and accessories approved by Bird with this device. Use of any other types will invalidate the warranty and may be dangerous. Check with your dealer for available accessories. You may opt to buy:

Extra Battery
Extra batteries of various capacities are available from our company or through your dealer.

Quick Charger
Light weight, practical quick chargers used to connect with the USB data cable for charging on wall outlets. Charging time is about 2 to 4 hours. The charging condition is displayed on screen. You may use your phone while charging.

Earphone
A mini, practical, hands-free device; you can use its button to answer and end calls. Some models may also come with a volume control knob.
DO NOT plug or unplug the earphone when connecting dialed or incoming calls.

Understanding Display Icons

Icon	Description
	Network signal level: The more the straight stripes, the stronger the network signal is.
	GPRS network signal: The phone has been connected with GPRS network.
	New SMS icon: SMS unread in the inbox.
	Message full icon: When the inbox is full, this icon will be displayed and flashed, you have to delete at least one message to receive the new one.
	New MMS icon: MMS unread in the inbox.
	Alarm clock: Alarm clock function has been set and activated.
	Call divert: Divert Unconditional calls has been set and activated.
	Battery power: The fuller the fill, the more the battery electric mass is.
	Incoming Call Alert Types: Alert types of incoming call are: Ring, Vibrate, Silent, Vibrate then Ring, Vibrate & Ring, Ascending.

* All settings or information stored in SIM card and the phone may be lost when the battery is removed.
* Please remove the battery when the phone is switched off, because it may suffer from abnormity if you remove the battery when it is switched on.

Charging Battery
Unclose dustproof soft gum of attachment mode on the bottom of the phone, insert one end of the charger, i.e., the charging plug into attachment mode and the other end into electrical outlet. If the phone is switched on and the battery power icon stripes in right hand of the screen are rolling, then it is charging. If the stripes are full and have stopped rolling, it is fully charged.
If the phone is switched off when charging, the information of the charging will display in screen.
After charging is finished, just cut off the plug.

* When the battery current is low, the phone will give warning alert, and when it is too low, the phone will automatically switch OFF. Do not keep the battery current low for a long time, otherwise the battery quality and life could be damaged.
* A pre-charge will occur when the battery voltage is too low, so it is normal that the phone may not give charging alert.
* To guarantee the phone's normal work, please use the designated charger.
* Do not directly remove the battery panel when charging.
* The phone must be put in a ventilated place with the ambient temperature of 0°C ~ 45°C when charging.

Games

The phone provides several classic games.
For specific operations, please refer to the directions of each game.

Alarm

This phone can set two alarm clocks at most, which still work in phone switched Off status.
Select an alarm clock and press the Left soft key [Edit] to enter its setting menu, press the Up/Down navigator keys to select from the following options, press the OK key or the Left soft key [Options] to select [Edit] to set:
1. Activate or deactivate the alarm by selecting [On] or [Off].
2. Edit alarm time by Up/Down navigator keys or numeric keys.
3. Set the alarm alert frequency as once or daily or weekly according requirement.
4. Choose one ring tone which can be [Vibrate] as alarm ring.
5. Edit alarm notification.
After editing above options, press the Left soft key [Options] to select [Save] and confirm saving.
And you can also follow the same procedure to save the alarm settings after modifying.

Message Center

Message Center is a kind of network function which enables you to send, receive and edit all sorts of messages, for details please contact the network Operator Company.

SMS
- New Message
* **Tip:** To send message, you need to set the correct message service center number which can be obtained from the network provider.

In the message edit interface, press the Left soft key [Options] to select options when editing:
- **Send:** Directly send the created SMS.
- **Insert:** Insert the below text to message.
- **Template:** Select the templates prestored or customized in the phone.
- **Contact:** Select the phone number from the phonebook that you want to insert.
- **Save to Draft:** Save the edit SMS to the draft.
- **Save to Template:** Save the edit SMS as customized template.
- **Exit:** Exit the edit SMS interface.

Select [Send] option and confirm, enter the recipient editing interface, you can directly input the phone number or press the OK key to search in phonebook when the recipient list is empty. Press the Left soft key [Options] to send the message by following mode:
Contact: Search the contacts in phonebook and then confirm, the selected contact will display in recipients screen.
Custom: Select one number or several contacts from the phonebook as recipients.
Enter selecting interface of the number list, press the Up/Down navigator keys to move to your desired contacts and press the OK key to select or cancel this record ("√" will be displayed in the box before the selected record), if you select [Done], the selected contacts will be displayed in recipients screen.
Group: Send the SMS to all contacts in your named group.

- **Reply SMS:** Directly reply SMS to the message sender.
- **Reply MMS:** Directly reply MMS to the message sender.
- **Return Call:** Directly call the number of SMS sender.
- **Forward:** Forward the SMS to someone else.
- **Delete:** Delete the current SMS.
- **Extract Number:** Save sender's number or the number in the message.
- **Filter Contact:** Add this message sender's phone number to contacts filtered for reject this number's calls or messages.
- **View Next:** View the next SMS.
- **Encrypted Messages**
  When encrypted message function is activated, the message whose sender is in encrypted list will be saved in this option, and you must read the message in this option.
  To enter this option, you must enter the correct code. The default code is 1234. If you input wrong code, phone will display the alert "Empty" and return to encrypted message menu, but no any messages display and encrypted list is also empty; if you input correct code, you will view the encrypted messages list if this function is activated.
  Press the OK key to read the selected message, and press the Left soft key [Options] to make [Read, Reply SMS, Reply MMS, Search, Delete] operations, refer to [Inbox]. Besides you can also make the following operations:
  - **Change Encrypt Code:** Used to update code of encrypted messages, you have to correctly enter the old code before entering the new one. For protection of your safety, the new password must be entered and confirmed for 2 times.
  - **Encryption List:** This list saves encrypted message's phone number, and messages from the numbers are directly saved as encrypted ones to prevent others from viewing. You can select options to add, edit and delete encrypted numbers.
  - **Open Encrypted Message:** Encrypted messages are valid only when the function is opened, otherwise all messages are treated as common ones.
  - **Close Encrypted Message:** Close encrypted message function and all messages are treated as common ones.
- **Sent**

MMS
This service is supported from the network Operator Company and the GPRS function to be opened. For details please consult with the network Operator Company.
- New Message
Pressing the Left soft key [Options] while composing the message for following options:
- **Send:** Directly send the created MMS.
  You can press the Left soft key to set 'To' (recipient), 'Cc' (copy furnished), and 'Bcc' (confidentially copy furnished) and 'Sub' (input a subject for the message).
- **Preview:** Play and preview the MMS message.
- **Add/delete Image:** Add/delete a picture or animation.
- **Add/delete Audio:** Add/delete a sound, melody, music or ringtone save in File manager.
- **Add Page:** Insert or add a newpage after the current slide.
- **Add/delete Attachment:** Add/delete an attachment from file folders.
- **Previous/Next Page?:** Go to the previous/next slide, available only when there are previous/succeeding slides.
- **Delete Page?:** Delete the current slide, available only after a slide was added.
After composing, press the Left soft key [Options] for the following options: Send, Save, Save to Templates, Exit.
- Inbox
When you receive a message, a melody (defined in the menu Settings/Ringtone Settings/Incoming Message Alert) warns and a message icon is displayed on the screen. You can press the Left Soft key [View] to read the new message. Or you can press the Right Soft key [Cancel] and the message will be stored to Inbox where you can read it later. A display icon will be displayed on top line of the screen indicating that there are unread messages in the inbox.
If selected a MMS message, pressing the OK key or the Left Soft key [Options] while viewing the message for following options:
- **View:** View the details of the message.
- **Download?:** Download the message has not been downloaded.

Call Records

The phone can register the phone numbers of received, dialed, missed calls and the approximate length of your calls. The phone registers these items only if the network supports these functions, and the phone is switched on within the network service area. 20 records of received, dialed and missed calls respectively. 20 records of received, dialed and missed calls respectively. The phone will automatically cover the earliest record.
In the idle mode, press the Green key or select call records in the main menu to browse all call records. When call records is empty, screen displays empty, otherwise there are different icons before the different records, press the Green key to dial the selected record, press the OK key to display the record's call date, time, name and number, press the Left soft key [Options] to make the following operations: View, Send SMS, Send MMS, Call, Save, Add to Existing, Send Card, Delete, Delete all, Filter Contact, Call Timers, SMS Counters, SMS Counters, Dialed/Received/Missed/Filtered.
- **SMS Counters:** View total number of sent and received SMS, the number displayed is different from inbox and outbox, it is convenient for user to view to display several messages in one interface in the inbox, and user should view the SMS counter to check actual number of sent and received messages.
- **Dialed/Received/Missed/Filtered:** Display dialed, received, missed, filtered calls list and make of corresponding operations. For specific options and operations please refer to above instructions.

Biorhythm

Under this function, you can look up the cyclic curve of intelligence, physical strength and spirit in different periods according to the birthday.
- **My Biorhythm:** Under this menu, the phone will display your biological clock curve and number of that day according to the set birthday, i.e., the joint picture of the curve of intelligence, physical strength and spirit and number. Press the Up/Down navigator keys or the OK key, and the screen will successively display: my biological clock and separate curve and number of intelligence, physical strength and spirit.
Press the Right/Left navigator keys to search for my biological clock curve and number of a desired day.
- **Set Birthday:** Under this menu, press the navigator key to set the birthday.

STK* (STK/SIM TOOL KIT)
STK(SIM TOOL KIT) allows SIM based on smart card to run its own application.
This phone supports value-adding service provided by STK and different network operators provide different types, so function table will display only when your SIM card supports it. Function table name and content depend on available service. For SIM card service's availability, price and information, please consult your network operator, service provider or other dealers.

WAP

Internet surfing using the phone is based on Wireless Application Protocol (WAP). WAP translates the internet language into WML and HTML languages understandable by your phone. It requires only the phone and a WAP server support to surf the net. Your network will need to support this feature for you to surf the internet using your phone.
Your operator's homepage will be connected once the WAP menu is accessed. Check with your service provider for detail

Input Methods

This phone provides diversified input modes for you to enter character when editing SMS and adding phonebook.
Input method type depends on your setting in [Settings/Phone Settings/Input Methods].
When editing the key controls:
The Left soft key: Generally represents confirmation.
The Right soft key : Press to clear one character, long press to clear all.
The Red key: Return to the idle interface.
key:To switch between different input methods.
"1" key: In every input status, press this key to call out punctuation and symbol input frame (Long press to call under the number input method).

Numeric input method
Press numeric keys 0~9 to input corresponding numbers.

Multitap abc/ABC) input Method
Each key is used to input several characters, fast and repeatedly press the key until your required character appears. Press the [0] key to input blank.

Smart English input method
Smart English input method is divided into majuscule and minuscule, i.e. smart majuscule ABC and smart minuscule abc. This input method possesses sort of association function which makes you just need to press every letter once to change the whole word. Every key on keyboard represents characters, and this input method would automatically compare in phone's language database and select correct word, so it requires less time than traditional English input method.
Press the Left soft key or the right navigator to select word, press the [0] key to complete word confirmation and input blank, press the * key to switch capitalization.

Safety

Never attempt to disassemble your phone.
You alone are responsible for how you use your phone and any consequences of its use.
As a general rule, always switch off your phone wherever the use of a phone is prohibited.
Use of your phone is subject to safety measures designed to protect users and their environment.
Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.
Do not expose your phone to extreme temperatures lower than - 10°C and higher than + 55°C.
The physiochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.
Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

Electrical safety
Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

Aircraft safety
When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs. Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.
Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Explosive materials
Please comply with warning signs at petrol station asking you to switch your phone off.
You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

Edit Content: Back to text edit interface to compose the SMS again.
If [Settings/Store Sent SMS] is [On] or [Query], but select [Yes] when sending, the sent successfully SMS will be saved to [Sent]; otherwise the SMS will not be saved. Sent unsuccessfully SMS will be saved to [Drafts], you can edit and send again.
- Inbox
All read and unread SMS will be saved in this option.
When you have received a message, after tones or vibration can alert you with the indication of "new message, read?", and message icon will also be shown on the screen, press the Left soft key [View] to read the new message.

* **Tip:** If the message sender is in encrypted list, and encrypted message function is activated, you must enter [Encrypted Message] to read the SMS.
If the message sender is full, the indication "Memory full" and the blinking message icon (message memory full) will be shown on the screen. Before you can receive new messages, delete some of your old messages in the inbox folder. If the capacity of new messages is beyond the capacity of the inbox, the information will be lost and incomplete.

Press the Left soft key [Options] in message list to make the following operations:
- **Read:** Read the current selected message.
- **Reply SMS:** Directly reply SMS to the message sender. You can send a SMS as reply answer with original message attached.
- **Reply MMS:** Directly reply MMS to the message sender.
- **Search:** Search required SMS by name, by number, by content or by date.
- **Delete:** Select [Current] to delete the current selected message, select [Read] to delete all the read messages, select [Custom] to delete the selected message from the list in the inbox, or select [All] to delete all messages in inbox.
Press the OK key to directly read the selected message, and then press the Left soft key [Options] to make the following operations:

Save the message that has been selected to save and successfully sent.
- Drafts
Saves the messages that have been edited or unsuccessfully sent.
- Template
Display 15 templates, among which 1 to 10 cannot be edited, while 11 to 15 can be edited by users themselves.
- **Settings**
- **Store Sent SMS:** You can set whether store sent SMS.
- **Acknowledgement:** Switch On or Off. When it is on, system will send confirmation message after address has received SMS.
- **Validity:** Set storage and sending time of the short message in service center.
- **Message Center Number:** Set the service center number of the short message. This number can be obtained from the network operator. Please contact the network operator for more details.
- **Default Save:** Set the default storage as SIM card or phone.
- **Cell Broadcast**
Cell broadcast refers to public message sent by network operator and it needs the operator's support, for details please contact the network Operator Company.
With the cell broadcast service, you could receive from network operator messages of various topics like weather, taxi and hospital. For useable topic message, please consult the local network operator/company. Only in the idle interface, phone can receive the cell broadcast message.
- **Voice Mail**
When you cannot answer incoming call, it will be automatically diverted to voice mail service number, then the caller could leave you a message and it will be saved in voice mail system of service network, so you can visit voice mail system to listen to it.
Realization of voice mail function requires network operator support, so you need to apply to open it. For details please contact the network Operator Company.
- **Memory Status**
View the memory status of the short message in the SIM card and phone. The SIM capacity depends on different SIM card.

- **Forward:** Send the received message to another person.
- **Reply:** Reply MMS to the sender.
- **Reply All:** Write a reply to the sender and other recipients of the message.
- **Reply SMS:** Reply SMS to the sender.
- **Delete:** Delete the message.
- **Delete All:** Erase all received messages in the Inbox.
- **Attributes:** View the details of the messages such as the sender, Cc, Subject, Date, and Size.
- **Save contact:** Call or save the sender's number or numbers contained in the message (over the 3 digits numbers will be extracted and displayed in a list).
- Draft
Incompletely composed and saved messages can be organized and accessed here.
- Outbox
Save the message that unsuccessfully sent.
- Sent
Send & saved messages can be stored and are accessed here.
- **Settings**
Set and save MMS service parameters.
- **Profile:** You can select any one of profiles to activate or edit.
- **MMS Options:** You can configure Priority, Message Class, Expiry, Delivery Report, Read report, Hide Sender Address, and Creation Mode.
- **MMS Version:** You can select MMS version.
- **Download Type:** You can configure download type.
- **Templates**
Keeps and maintains up to 10 frequently used messages for input convenience in the future.

Extras

Tuner
Tuner is supported by this phone. Access the function only when you plug the earphone.
In tuner interface, press the OK key to open/close tuner function, press the Up/Down navigator key to adjust the volume, you can search the channel by manual, each press the Left/Right navigator key to decrease/increase 0.1Mhz.
Press the Left soft key [Options] to access the following menu:
- **Tuner ON/OFF:** Open or close the tuner.
- **Save Channel:** Save the selected channel to the channel list.
- **Auto Search and Reset:** Search the channel automatically and reset the channel list.
- **Set Frequency:** Input channel frequency that you want to listen. The frequency value is between 87.5MHz and 108.0MHz.
- **Channel List:** Save channel name and frequency. At most 9 channels can be saved in list.
- **Settings:** Activate of deactivate background play. When the function is activated, you can listen the tuner in standby or other menu interface.
- **Out Play:** If you set 'On' , it will become an amplifier.You can listen to the FM without filling the earphone over your ears.
Note: Quality of radio subscription is possibly influenced by environment like indoor or under shield. You can improve this situation as following: stand closer to the window, adjust the position of earphone line or adjust the channel manually.

My Planner
With this function you could expediently manage all kinds of missions in work and life as well as arrange and record your future matters. When your management mate time is up, phone will give warning tone for reminding you to finish it. When the current schedule is empty, press the Left soft key [Add] to add scheduling, and specific operation steps are as follows: Subject, Date, Time, Frequency, Alert, Memo.

Calculator

Your phone provides you a calculator with four basic functions, which facilitates simple calculations.

* **Tip:** The accuracy rate of calculator is nine effective numbers, and calculations of over nine effective numbers will cause errors.

Perpetual Calendar
Select the calendar menu, and the screen will display the calendar of that month, with date of that day shown by a special color. Press the navigator keys to modify date and calendar in screen update will be correspondingly renewed.
Select a date and press the OK key to view the agenda of current date; press the Left soft key [Options] and make the operations of viewing the current day's schedule, go to the date is edited just now, set the selected date as the system date of the phone.

Note Book
The phone can only record text information.
If there is no record, it will display "Empty", press the Left soft key [Options] to select [Add] and come to the editing interface of new record. If there is a record, it will display the record list, press the OK key to view the selected record, and press the Left soft key [Options] to make the operations of View, Edit, Add, Delete as well as Delete all.

Stopwatch
When you use a stopwatch.
- **Individual Timer:** Select this option and press the Left soft key [Start] to start timing, press the Left soft key [Record] to record next time, 10 at most.
Press the Right soft key [Back] to stop timing, screen will give alert of whether to exit or not, press the Left soft key [Yes] to exit timing and press the Right soft key [No] to continue timing.
- **Lap Timer:** It has the same function as split, but is times as per number of rounds. For specific operations please refer to [Individual Timer].

Converter
Select this option and press the Up/Down navigator keys to switch present unit, converted unit and input column.
* **Tip:** Maximal input range of unit conversion is 9-bit significant figures (including decimal points). It has no means of inputting if this range is exceeded.

World Times
Under this menu, you can look up current time and time zones of different cities in the world after selecting the time zone.
Currency Converter
Entering currency translation interface, enter exchange rate and confirm, and then enter conversion interface, in rate switch column, press the Left/Right navigator keys to switch proportion methods of current exchange rate, i.e. rate or reciprocal value of domestic currency to foreign currency, press the Up/Down navigator keys to switch to domestic currency column, enter domestic currency quantity and display conversion outcome in foreign currency column immediately.

Height & Weight
Select this option, you can press the navigator and number key to set the sex, height and weight.
After finished setting, press the OK key or the Left soft key [OK] to view the information of your avoirdupois, the result is reference only.

on the web page.
You can visit or connected the WAP address to:
1. **Homepage:** Access the homepage.
2. **Bookmarks:** Manages sites or pages that you had bookmarked for easier access.
3. **Recent Pages:** Manages sites or pages that you had recently visited for easier access.
4. **Enter URL:** Input an address and access it.
5. **Push Box:** Access and manage your received web service messages and WAP PUSH messages.
Settings: Configure WAP parameters.
After opening the GPRS Internet function, you need to make some settings to realize it. When phone leaves factory, it automatically selects parameters according to operator ID for domestic users and those in part countries and regions, so they do not have to make parameter settings, but users in other regions need to get relevant parameters from their operators to make parameter settings.
Set submenus provides the current WAP service profile list. Different proxies can be selected in WAP setting. On left side of selected proxy there is a box sign. To set a new proxy, you can select an undefined one to edit.

My Favorite

Under this function, you can view the images, audio or others which download from the Internet.
After viewing, press the Left Soft key [Options] to make the corresponding operations.

Technical Specifications

Weight:	About 65.5g (including battery)
Dimensions:	104.8 x 46.2 x 13.5 mm
Battery:	Li-ion Battery, 3.7V

S160 supports Europe band:
GSM 900MHz / DCS 1800MHz
S160a supports America band:
GSM 850MHz / PCS 1900MHz

Battery Time (No prior or separate notice is required for capacity changes)

Battery Type	Battery Capacity	Talk Time	Standby Time
Li-ion	600 mAh	about 3 hrs.	about 150 hrs.

* **Note:** Actual operating conditions depend on the local network environment, SIM, and user behavior.

Caring for Battery

* This phone uses a rechargeable battery as a power source, when the charge is weak, recharge immediately to protect the battery life. It is best to drain the battery charge first.
* When not using the charger, unplug it from the power source and the phone. Over charging will shorten the battery life. Do not leave the charger connected to the unit or battery for more than a week.
* Temperature affects battery charge capacity. Your battery may need to be warmed up or cooled down before charging. If the battery temperature is lower than 40°C, it will not recharge.
* Use the battery for its designed purpose. Do not short-circuit the battery by connecting the positive and negative terminals with a conductor.
* Do not use a damaged battery.
* The battery will not perform properly and its life will be shortened if exposed to extreme temperatures.
* Do not dispose the battery in fire, which may cause it to burst! Follow local laws and ordinances in disposing of used batteries.