

**your guide to
F160
from Orange**

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welcome to your F160

what's in it for you..

The F160 features 3G technology and works seamlessly across the UMTS/GSM/GPRS/EDGE networks, so you'll get high-speed, broadband-quality connectivity wherever you go.

This guide will help you make the most of your new phone. The pictures and icons in the guide are, of course, meant for illustrative purposes only and may not look exactly like those found on your phone.

And when using your F160, please make sure you obey the laws of the country you are in, and respect the privacy and rights of others, including copyright. Thank you.

getting to know your phone



specifications

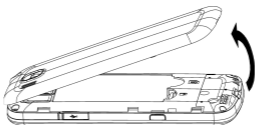
model	F160
dimensions(L × W × H)	116 mm×49 mm×11.3 mm
display	2.4 inches, 262 K TFT color screen
weight	Approx 84 g (with battery)
battery	820 mAh Li-ion
continuous standby time	Up to 200 hours
continuous talk time	About 180 minutes

The phone's talk and standby times are based on ideal working environments. Network conditions or, for example, use of the extended backlight or browser, can use more battery power and reduce talk/standby time.

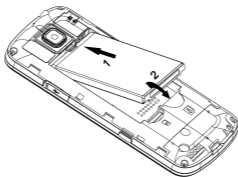
let's get started

installing the battery

1. Remove the back cover.



2. Insert the battery by aligning the gold contacts on the battery with the gold contacts in the battery compartment.

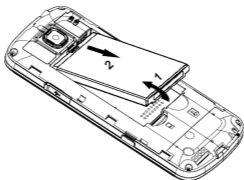


3. Push the battery down so it clicks into place.
4. Replace the back cover.

removing the battery

Turn off your phone before removing the battery.

1. Remove the back cover.
2. Pull the battery up and out.



charging the battery

Please charge the battery according to the following procedure.

CAUTION

Do not charge the battery if the temperature is under 0°C or above 45°C.

1. Open the USB jack cover on the side of the phone and connect the USB charger, making sure it's inserted the right way round. Don't try and force it in.



2. Plug the charger into a mains socket, and then switch it on.

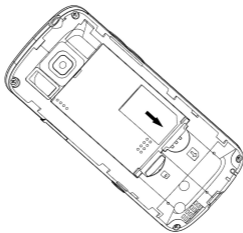
3. Unplug the charger from the mains socket and the phone once it's fully charged.

When not using the battery for a long time, remove it from the phone and store in a cool dry place.

inserting the SIM card

Make sure the phone is turned off and the charger is disconnected.

1. Remove the back cover.
2. If the battery is already inside, take it out.
3. Hold your SIM with the cut corner as shown below. Then slide it into the slot.



4. Replace the battery.
5. Replace the back cover.

CAUTION

Do not bend, scratch, or unnecessarily touch the SIM's card metal surface. It may damage the information stored in it.

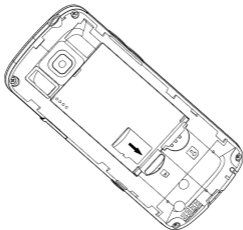
To remove the SIM, slide it out of the slot.

inserting a microSD card

Your phone supports microSD cards up to 8GB. This gives you loads of memory in which to save photos, audio and video files.

microSD logo  is a trademark of the SD Card Association.

1. Remove the back cover.
2. Insert the microSD card carefully with the metal contacts facing downwards, until it is pushed into the right position. As you can see, only part of the microSD card needs to be inserted into the slot.



To remove the card, firstly push the card, and then simply slide it out of the slot.

switching your phone on/off

1. Insert your SIM card and make sure the battery is charged.
2. Hold the **power key**. It will switch itself on and automatically search for a network.

You might need to enter your personal identification number (PIN) or phone password if you have enabled PIN code or phone code. (See 'basic operation — locking your phone'.)

To switch the phone off, hold the **power key**.

Tip:

In this guide, the steps needed to perform a task or reach a menu, are shown in a straight forward condensed form. For example: **settings > phone > time and date > date**.

calibrating the screen

Calibrating the screen is important because it means the phone will respond to your commands correctly.

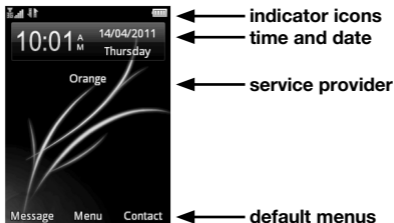
1. Press the **menu key** to open the main menu.
2. Go to **settings > display**.
3. Follow the on-screen directions.

setting time and date

From the main menu, go to **settings > phone > time and date**.

starting from standby mode

When you switch on your phone, it automatically goes into standby mode.



The default menus on the screen available to you are **message**, **menu** and **contact**.

























You can always return to standby mode by pressing the **end key**.

how to extend the standby screen

Keyboard is defined into different applications. Press the keys to access a specified feature. You can...

- Press navigation keys to activate pre-set functions.
- Press and hold the * key to lock the keypad.
- Press and hold the # key to activate meeting mode with vibration.

status symbols: icons explained

	signal strength		alarm
	GSM network		bluetooth on
	WCDMA network		bluetooth headset
	EDGE network		battery status
	new SMS		headset mode
	new MMS		flight mode
	message memory full		silent mode
	new e-mail		meeting (vibrate and silent) mode
	e-mail memory full		data transfer in attaching
	WAP push message		data transfer in progress
	missed voice call		Roaming
	missed video call		microSD card inserted

basic operation

the menu – finding your way about

The various functions of your F160 can be accessed via its menus and submenus. You can navigate the menus by making the use of keys.

1. Press the **menu key** to open the main menu in standby mode.
2. Select the item with the **navigation keys** and confirm by pressing the **OK key** to launch an application or enter its submenu. In the submenu, you can continue to use the **navigation keys** to select and press **OK key** to confirm.
3. Press the **back key** to return to the previous screen.

locking the screen and keypad

The screen and keypad lock prevents accidental use.

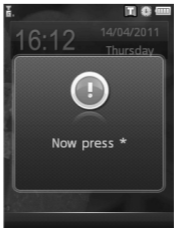
Press and hold * **key** to lock the screen and keypad in standby mode.

The following screen appears...



You can also lock the screen and keypad automatically. Select **settings > phone> auto keyguard**.

Press **OK key** and then press *** key** to unlock the keypad.



locking your phone

To protect your phone against unauthorized use, select **settings > security** to:

- Activate the security codes (handset code and PIN code).
- Change the security codes.
- Use **fixed dial numbers** to restrict outgoing calls.

Tip:

Please make a note of your password and PIN in a safe place where you can access them again if required. Your phone's default password is 0000.

PIN and PIN2 codes are provided by your service provider and go with your SIM card. If you activate the PIN, you must enter it every time you turn on the phone. PIN2 code is needed for some settings

(such as **fixed dial numbers**).

Fixed dial numbers are saved to the SIM. When the fixed dial numbers function is activated, you cannot dial numbers out of the **FDN list**.

WARNING:

If you enter the wrong PIN three times in a row, the SIM card will be locked. Contact your service provider to get the PIN Unlock Key (PUK).

using the keypad to type



Your phone has a keypad. Here's how it works...

- To enter or change uppercase and lowercase letter, press **# key**, and then press the corresponding key.
- For changing the input mode, press **# key**, and then use **Up/Down Key** and **OK Key** to select and confirm.
- To open the symbols, press *** key**. You can use the **navigation keys** and the **OK key** to select and enter a symbol.
- To move the cursor, use the **navigation keys**.
- To delete the character before the cursor, press **clear key**.
- To enter a space, press **"0" key**.

personalizing your phone

screen settings

Select **settings > display**. Here you can set standby wallpaper, screen brightness, backlight duration, keypad light duration, owner name, and greeting.

Select **greeting** and enter the content to be displayed every time you switch on your phone.

your phone profile

Profiles are used to control the ringtones and volumes.

Select **settings > profiles**. The predefined profiles are **general**, **meeting**, **outdoor**, **silent** and **flight**. Select **edit** beside the profile to set up the ringtone and volume etc, you prefer.

Tip:

Press and hold **# key** in standby mode to activate or deactivate the **meeting** profile.

CAUTION:

Activating the flight (airplane) profile will disable your mobile network connection, so you cannot make phone calls or connect to the internet.

general settings

Select **settings > phone**. There you can change the system language, set the time and date, set missed calls alert, set the shortcut key, auto keyguard, set your phone number, set auto power

on/off, change the default location for downloading, or restore the phone to its default settings, etc.

Tip:

You need to enter the phone password to restore your phone. The default password is 0000.

All user information and downloaded data on your phone will be cleared after the phone is restored.

calling

voice calls

1. Enter the phone number. Delete wrong digits by pressing **clear key**.
2. Press the **voice call key/OK key** or select **options > call > voice call** to make a voice call.

video calls

1. Enter the phone number.
2. Select **video call key** or **options > call > video call** to make a video call.

Tip:

The person you're calling has to have phone and a network that can handle video calls. If not, your phone will prompt you to make a voice call.

calling from contacts

1. Select **contacts** in the main menu.
2. Scroll up and down the list for the contact you need.
3. Select a contact you want. If the contact has multiple numbers, choose the number you need.
4. Select **options > dial** to make a voice or video call.

Tip:

You can also select **options> send message** to send an SMS or MMS to the contact.

calling from call history

1. Select **recent call** in the main menu or press the **voice call key** in standby mode.
2. Select a number or contact you want to call.
3. Select **options > call** to make a voice call or video call.

calling from messages

1. To call a number in the text of a message you've received, open the message.
2. Select **options> use highlighted object** to select **voice call** or **video call**.

speed dialing

From the standby mode, press and hold a key 1 - 9 to call the corresponding speed dial number.

how to set up a speed dial number:

1. From the main menu, go to **contacts**.
2. Select a contact.
3. Select the phone number and then select **options> set speed dial**.
4. Choose a number between 2~9.

Tip:

The number key 1 is reserved to speed dial your voicemail.

answering a call

Press the **call key** or **OK key** to answer a call.

If you don't want to answer, just press the **end key** or **back key** to **reject**; also you can select **options> reject with sms** to reject the call with message.

Tip:

Select **options> mute** to mute the ringtone.

in-call options

There are many options available to you when you're on a call...

- Put the call on hold or retrieve it.
- Record the call – audio or video.
- Disable or enable sending DTMF tones.
- End the call.
- View the contacts.
- Send the message.
- Browse the website.

...For any of those, simply select **options**.

call history

Select **recent call** in the main menu to check missed, dialed or received calls, and all call history.

Select **options** and there are many choices.

Choose a call to view the detail, including the number, name, call times, and call time.

using SIM services

To use the SIM card services, your SIM card must be inserted into the phone.

Select **tools** from the main menu. The contents of the SIM card specific services depend on the service provider.

call settings

Go to **settings > calls** from the main menu.

There you can choose call forwarding, call waiting and call barring. Select the service you want and choose **activate** or **deactivate**. You can also select **check status** to see which service is on or off. **send my number** lets you reveal or hide your number when making calls. Or you can select **set by network** which gives the choice of the network to show or hide your number. But this function needs network support.

You can also set up parameters for video calls in **set videophone**. Contact Orange for more information.

messaging

Select **messages** in the main menu to access your text messages (SMS) and multimedia messages (MMS).

Your messages are kept in different folders. You can move text messages between the phone's memory and that of your (U)SIM, or save important messages to the **user folders**.

The **(U)SIM inbox** is for saving text messages to your (U)SIM card.

writing messages

1. Select **messages > message > create message**.
2. Select the '**To**' field to enter the number or numbers of the people you want to contact. If you change your mind, you can always press **clear key** to delete recipients.
3. Press **navigation key** to move to the content area to edit the message. If you want to send an MMS, you can choose whether you want in **options**.
 - Attach image/video/audio to the message or even make a slide show.
 - Add a contact.
 - Add templates or my words.
4. When you're happy with the message, select **send**. Or, if you want to keep it for later, select **options > save** and the message will be kept in your **drafts**.

Tip:

You can press **OK key** and select **call history** to choose the people

you've been in contact with, or select **contacts** to add others.

deleting message

1. Open the message box.
2. Choose the message you want to get rid of and select **options** > **delete**.
3. Press **OK key**.
4. Press **left option key** to confirm.

moving and copying messages

You can move messages from **inbox** to **user folder**, or copy/move text messages between **inbox** and **(U)SIM inbox**. Here's how...

1. Open **inbox** or **(U)SIM inbox**.
2. Enter **options** and select:
 - **Copy to (U)SIM.**
 - **Move to (U)SIM.**
 - **Move to user folder.**
 - **Copy to phone.**
 - **Move to phone.**

Or you can open the message and then select **options** to move or copy the message.

text msg. settings

- **SMS center number:** You'll need the correct message centre number to send and receive texts. Orange might have already set the number on your phone. If not, please contact Orange.
- **Expiration time:** Allows you to choose how long the message

centre should try to deliver a message.

- **Delivery report:** Turns on or off the report that tells you whether a message has been delivered.
- **Cell name display:** Turns on or off to display the cell name.

mul. msg. settings

- **Retrieval settings:** choose how you want to retrieve pictures messages on your home/roaming network – automatic or manual.
- **Delivery mode:** send messages automatically or delay sending for a set time by selecting **after sending**.
- **Time per page:** decide how long each slide should be seen.
- **Delivery report:** choose whether you want to know if a message has been delivered.
- **Validity:** the message sent unsuccessfully for the first time will be re-sent during the valid time you set. The message will be deleted if it has not been sent successfully over the time.
- **Anonymous msg.:** accept or reject anonymous messages.
- **Connections:** select the connection for sending and receiving MMS. Please ask Orange for further details.
- **PUSH message:** accept or reject PUSH messages.
- **Priority:** Set the priority while sending a MMS.

email made easy

setting up an email account

1. Firstly, from the main menu, go to **messages > email > settings > mailbox settings**.
2. If you have not set an email account, select **options > new** to add one. You can add more email accounts.
3. Select an email account from the account list.
4. Enter the mailbox name, username, password, my email address and mail type, etc. as requested onscreen.
5. Press **OK key** to save.

Don't know all the required settings? Just contact your email service provider.

Tip:

Select **messages > email > settings > mailbox settings** and choose an existing account to edit its settings.

writing and sending emails

1. Select **messages > email > new email**.
2. Enter the recipients' emails in the '**To**' field and **Cc** different people. Or just add email addresses from your contacts list.
3. Then you can select and insert your text in both the **subject** and text **content** fields.
4. And **options** will let you add **attachments, templates, signature**, etc.

5. All done? Now you're ready to **send**. Or maybe you don't want to email quite yet? In that case you can **save** to **drafts**.

receiving emails

Go to **messages > email > settings > automatic retrieval** to choose how often you want your phone to check for emails.

Select your email account and open **inbox** to receive emails or synchronize the mailbox.

personal information

creating a contact

Select **contacts** from the main menu. You can add new contacts with names and phone numbers to the SIM, or put contacts with more information on your phone (its memory is bigger). The phone can store **500** records. The capacity of the SIM varies.

1. A new contact will be saved in the phone or the SIM, depending on the default memory setting you choose. So select **options > advanced** and set up **default memory**.
2. Select **add new contact** to add the contact.
3. Press **OK key** to save the contact.

updating an existing contact

1. Select the contact.
2. Select **options > edit contact** and make your changes.
3. Press **OK key** to save.

Tip:

You can edit a contact before you dial a number. Enter the number from standby mode and select **options > save > update contact**.

finding a contact

1. In the contact list, enter letter or name.
2. Contacts' first character matches the inputting letter or contacts' full name matches the inputting name will be displayed.

copying and moving contacts

1. Select **options** in the contact list and select **advanced > SIM management** to **copy contact** or **move contact**.
2. Choose where you want to move or copy them.
3. Check the contacts you want to move or copy and select **done**.

grouping contacts

So that it's easier to manage your contacts, there are three preloaded groups: **family**, **friends** and **work**.

To make another group, such as 'restaurants', select **contacts > groups > options > add new group**. Or if you want to edit a group name, add a group photo or change group call ringtones, just select a group and **edit group** in **options**.

more contact options

The **options** in the contact list allow you to:

- Send message to the contacts.
- Delete the contacts.
- Check out service dial number.
- Set speed dial.
- Send contacts via SMS, MMS, Bluetooth or email.
- See how much memory is available.

managing your calendar

From the main menu, select **tools > calendar**.

To add new events:

1. Select the date you need and then select **options > new**.
2. Select the type of event (**meeting/memo/anniversary**) and type in the details.
3. Press **OK key** to save.

Tip:

Press **navigation keys** to go to a certain day or jump between months.

viewing and editing events

You can see the next upcoming event by selecting **tools > calendar** from the main menu.

Options let you switch between **week view** and **month view**. Select a date to see all the things you are going to do that day. Select a particular event to see the entry in detail. Select **edit** to change it or select **options > delete entry** to remove.

sending calendar events

To send your calendar events via a message, email or Bluetooth, just open the event and select **options** to choose the sending way.

calendar settings

To choose the day that you would like each week to start on, or a ringtone for your event alarms, go to **month view, week view, or go to date**, select **options > settings**.

You can also select **memory info** to check used, free and total space.

making notes

Go from **calendar > options > new > memo** from the main menu.

You can use **memo** to save text memos.

Select **new** to create a new memo.

In the memo list, select a memo to view its content. You can edit or delete it, or select **options** to send it via SMS, MMS, email or Bluetooth.

multimedia

taking pictures or videos

Firstly, from the standby mode press and hold the **camera key**, or go to main menu and select **camera** to display the camera menu.

Then, by selecting mode in **options** or pressing **left/right key**, you can switch between picture and video modes.

The **volume keys** or **up/down key** let you zoom in or out. Press the **camera key** or the **OK key** to take a photo, or to start/pause a video recording.

When you have taken a photo, you can delete it, use it as wallpaper, or send it via email, MMS or Bluetooth. And for videos, your options are delete and send.

Select **my pictures** or **my videos** to view your photos or videos.

choosing your camera settings

When taking your photos and videos, you can select **options** to adjust size, quality, brightness, contrast, effect, shutter sound, format (for video), and save position, switch to video camera/switch to camera.

stocking your music library

Your music library contains and categorizes music files on your phone's memory and – if you have one – on your microSD card.

To see what's in it, enter **all music** or **playlist**. Simply select a file to play it.

When you receive or download new music files, select **all music** to refresh the library's contents.

music player controls

While playing music, the screen will bring up the control panel.

- Press the **OK key** to play/pause.
- Press the **left key** to skip to the previous track in the playlist. Hold to fast backward.
- Press the **right key** to skip to the next track in the playlist. Hold to fast forward.
- Press the **end key** to quit the music player.
- Select **options** to change the play mode, send the music file via MMS/email/Bluetooth, set as a ringtone, see file information or **equalizer** the player options.

video player controls

While playing a video, the screen will bring up the control panel.

Press the **OK key** to play or pause.

Press the **up/down keys** to play the previous or next video on the list.

Hold the **up/down keys** to fast backward or fast forward.

Select **options** to mute the video, adjust the brightness, view the video's details, send a video clip via MMS, email or Bluetooth or get the help information about the video player.

Press **back key** to return to the video library.

Press the **volume keys** or **left/right key** to control the audio levels.

voice recorder

Select **multimedia > audio record** to make a voice memo.

1. Press **OK key** to start recording.
2. Use the **volume keys** or **up/down key** to adjust the recording volume.
3. You can select **pause** or **contin.** at any time.
4. Press **back key** to stop and save your memo or select **options> delete** if you prefer not to save it. You can also rename and send the recording file in the **options** menu.

picture viewer

Select **multimedia > picture** to view images saved in your photos folder (except for the wallpapers on your phone).

Just select an image to view it. Press **right/left key** to view the next or previous image.

Select an image and select **options** to:

- Add to favorites.
- Send the image.
- Set as wallpaper.

Tip:

Because of copyright restrictions, some image options might not be available for certain image files.

FM radio

With the FM radio, you can search for, save and of course, listen to radio channels. The reception quality will vary according to the

strength of signal wherever you are.

Good reception depends on the earphones that come with your phone, because they contain the radio antenna. So always plug them in when using the radio – even when listening via the phone's speaker.

To go the radio, insert your earphone in advance, and then select **multimedia > FM radio** from the main menu:

- Press the **left/right keys** to adjust the frequency manually.
- To save a channel that you adjust manually, select **options > save channel**.
- Press the **up/down keys** to switch to the previous or next radio channel.
- Pressing the **volume keys** to adjust the volume – but make sure it's not too high while you're using the earphone.
- Select **options > speaker/earphone** to switch between the speaker and earphone (always leave the earphone connected in order to maintain reception).
- Press **back key**, the FM radio screen close and the icon displays on the screen so you can do other things on your phone – like sending a message – while still listening to it.
- In the FM radio interface, press **OK key** to pause/play, press **end key** to switch the radio off.

Tip:

The radio automatically mutes itself when you receive a call while listening to the radio.

getting connected

new network access points

To get onto the internet, send/receive picture messages and download files, you might need to input some settings (if they are not already preset on your phone). These 'network access points' – including any user names and passwords – will be available from your relevant service providers.

Setting up a new network access point: from the main menu, select **settings > connections > access point settings**. There you can see existing access points. Select **options > add** to add a new one. In that case, enter the necessary information, then press **OK key** to save.

network settings

Select **settings > connections > profile connect** from the main menu.

Press **OK key** to **view** connection settings already preset.

Select **add** and enter the parameters, then press **OK key** to save.

browser

Select browser in the main menu. The browser needs to be set correctly before you can access the internet. It may be preset, in which case you can browse the Internet without delay.

Otherwise, select **browser > settings**. Choose your connection setting in **connection settings**. Then select **advanced settings** to select and set up any of the following:

- Display picture.
- Display animation.
- Font.
- Browser mode.
- SmartFit mode.
- Background music.
- Cache mode.
- Cookie mode.
- Autofill mode.
- Script.
- Refresh limit.

opening web pages

In the browser, you can open a web page in the following ways:

- Select the web address field. Enter an address or select a previous address and press **OK key**.
- Select the website bookmark on the screen.
- Select a record in the website history to open a web page you have visited.
- Select saved pages to choose a web page memo.
- Select home page to enter the home page.

setting up Bluetooth

Bluetooth lets devices work with each other over a short distance – about 10 metres – without wires.

You can connect your phone to a Bluetooth headset, transfer files between other Bluetooth devices, use your phone as a Bluetooth modem for your PC, or browse the files on remote devices.

Select **Bluetooth: on/off** in **tools >Bluetooth** menu.

If you want other Bluetooth devices to ‘see’ your phone, turn **discoverable** on.

To change the name of your phone as it appears to others, select **my Bluetooth info.**, and then edit the device name.

communicating via Bluetooth

Both devices need **Bluetooth** and **discoverable** turned on. In the Bluetooth menu, select **my devices > search for new device**.

A list of visible Bluetooth devices in range will be shown. Choose the one you want to pair with and, if prompted, enter the same Bluetooth pair code on both devices. (You may need to refer to the user manuals to do this.)

The paired device will be added to **my devices** list. You can choose any device in the **paired devices** list to delete, rename or get more information on it, retrieve a file or establish an authorized/unauthorized connection without confirmation.

connecting to a PC

You can use your phone as a modem for your PC and surf the Internet.

From the main menu, go to **settings > connections > PC connection** to choose how you want to connect: either with a USB data cable or Bluetooth.

choosing a mobile network

Go to **settings > connections > network settings** from the main menu. Selecting **preferred selection** allows you to select network automatically or in manual way.

Selecting **preferred mode** to select the network type. You can select automatic, GSM or UMTS.

other functions

managing files

Select **file mgr** to organize files in **pictures, audios, videos, other files** and in the **memo. card** folder.

You can create new folders and check folder or memory information. Just choose an image, video or audio file to open/delete/rename/send/copy/move, etc. You can also set images as wallpaper, or use the audio files as voice/video call ringtones.

Tip: Some options vary from files to files, or may not be available for certain files because of copyright restrictions.

setting alarms

From the main menu select **tools > alarm > not set** to add an alarm and choose the settings – such as whether it's an once or a repeating alarm. Then select **save**.

Choose an existing alarm to edit its settings. You have the option to **enable/disable** an alarm.

world time

If you want to know what time it is in major cities around the world, select **tools > world time**. The time and name of city can be displayed simultaneously. Press **left/right key** to change the current city and see the current time of the city.

calculator

Your phone has a basic calculator for addition, subtraction,

multiplication and division. Select **tools > calculator** and press the keypad according to the panel onscreen to operate.

Tip: This calculator has limited accuracy. Rounding up or down errors may occur – especially in long division.

currency and unit converter

Select **tools > converter**.

To convert currencies, select **currency**, enter the exchange rate and a currency figure. The amount of the other currency will appear automatically.

To convert units, select the type of unit (**acreage, length, weight** or **temperature**). Select the unit you need. When you enter the quantity below one unit, the quantity in the other unit will appear automatically.

timer and stopwatch

Select **tools > stopwatch**.

Press **OK key** to **start/stop/contin**. You can reset whenever you want.

Tip: When using the stopwatch, select **record** to note the time. You can take 20 records in a row.

games, applications and downloads

Selecting **game & apps** gives you access to the applications you have installed or preinstalled. Select **options > space info** to see how much memory is being used or to choose connection settings.

To launch an application just press **OK key**. You can also delete an application (unless it has been preinstalled), set up security settings, or check details.

taking care

care of your phone

Your phone contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and give particular attention to the following points:

- Do not allow the phone, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse the phone in any liquid.
- Do not place the phone alongside computer disks, credit cards, travel cards and other magnetic media as their data may be affected.
- Do not paint the phone.
- Do not leave the phone or the battery in places where the temperature could exceed 60°C, such as on a car dashboard, a radiator or a windowsill, etc.
- Do not remove the phone's battery while the phone is switched on.
- Take care not to allow metal objects, such as coins or key rings to contact or short-circuit the battery terminals.
- Do not drop, throw, or treat the phone roughly. It's a delicate device.
- When a phone is on 'vibrate', the vibration can sometimes cause the phone to move. So don't leave it where it could damage itself by, say, falling off a table.

- Turn off your phone before you clean it. Use an anti-static cloth. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- It's advisable not to put your phone in the back pocket of your trousers/skirt. Also, try not to leave it in the bottom of a bag where heavy objects could be placed on it – damaging the screen, camera or casing.
- If you leave the phone uncharged or without a battery for a long time, you could lose the data stored on it.
- Always remember to make backup copies of important data on your phone – just in case it goes wrong or you lose it.

WARNING: third party equipment

Using third party equipment, such as cables or accessories, may invalidate your phone's warranty. It could also affect its safety and operation.

your safety

- Do not dispose of the battery in a fire. The phone's Li-ION batteries may be safely disposed of at a Li-ION recycling point. Follow local authority recycling laws.
- Do not put the phone's battery in your mouth, as battery electrolytes may be poisonous if swallowed.
- Do not attempt to dismantle the phone or any of its accessories.
- Do not put a battery into a microwave oven, dryer, or high-pressure container.

- Only use an approved charger. Do not try to power the battery directly from an electric source or cigarette lighter charger.
- Do not pierce battery with a sharp object.
- Do not disassemble or modify the battery.
- Do not use a damaged or deformed battery.
- Do not solder the battery directly.
- Stop using the battery/phone if you notice that it gives off abnormal amount of heat, smells, becomes discolored, deforms, or does anything out of the ordinary while being used, charged, or stored.
- Remove and dispose of the battery (according to local recycling laws) as soon as it stops working properly.
- Turn off your phone during a thunderstorm – unless you are in premises protected by a lightning conductor.
- Obey any signs that ask you to switch off your phone – such as those at petrol stations.
- Do not allow children to play with the phone, charger or batteries.
- Do not use the phone near explosives or where blasting is in progress.
- Do not store or carry flammable or explosive materials in the same compartment as the phone.

Tip:

It's normal for the earpiece to become a little warm during normal use. And the phone itself may become warm while the battery is being charged.

WARNING

In the unlikely event of a battery leak, keep the chemical discharge well away from your eyes and skin. If it does come into contact with either, immediately flush thoroughly with clean water and consult a doctor.

aircraft safety

- To protect aircraft communications from interference, it is prohibited to use your phone in flight. Turn off your phone before take-off. If you want to use mobile phone before take-off, you should get the aircrew's permission.

hospital and medical safety

- Turn your phone off and remove the battery in areas where the use of phones is prohibited. Always follow the instructions given by the medical facility regarding the use of phones on their premises.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a phone is used next to them. Observe any caution signs and the manufacturer's recommendations.
- Your phone contains metal, which can cause an allergic reaction, such as a rash or eczema, if you are prone to such things.

obeying the law

- In some countries, the law prohibits or regulates the copying of copyright material, and taking pictures in public or private areas. Please make sure you always use your phone according to the law of the country you are in, and respect the personal rights of others.

road safety

- Pull off the road, park and switch off the engine before making or answering a call.
- You **MUST NOT** stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- Turn off your phone at petrol stations, even if you are not filling up your own tank.
- Electronic systems in vehicle, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions from your phone. The manufacturer of such equipment can advise if it is adequately shielded from radio transmissions. However, if you suspect that vehicle problems are being caused by radio transmissions, consult your dealer and do not turn on the phone until the problem has been checked out by a qualified technician.
- Always check if – and how – local laws restrict the use of phones while driving.

WARNING: VEHICLES WITH AN AIRBAG

An airbag inflates with great force and serious injury could result if you place your phone – or any other object, such as hands-free equipment – in the area over an airbag or in the airbag deployment area.

understanding exposure to radio frequency (RF) energy

The F160 is a low-power radio transmitter and receiver. When the phone is on, it intermittently receives and transmits radio frequency (RF) energy (radio waves). That energy level varies in order to achieve optimum performance – so it's higher in areas with poor reception and lower in areas with good reception.

Your phone is designed to comply with safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

The guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using a standardized method with the phone transmitting at its highest certified power level in all used frequency bands.

While there may be differences between the SAR levels of various network operator phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2.0 W/kg averaged over ten (10) grams of tissue.

The highest SAR value for this model phone tested for use at the ear is 0.903 W/kg (10g).

in case of emergency

To make an emergency call in any country:

1. Ensure that your phone is on and has reception.
2. Enter the emergency number for your location, for example, 112 (the international emergency number).
3. Press the **voice call key** to dial the number.
4. Tell the operator which service you require: police, ambulance, fire brigade, coastguard or mountain rescue.
5. Clearly explain the situation and where you are – making it as easy as possible for the emergency services to find you as quickly as possible.
6. Follow the instructions you are given. Do not end the call until told to do so.

IMPORTANT

You should never rely solely on any wireless device for essential communications like medical emergencies. Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed.

respecting privacy

Pictures taken and audio/video recordings made with your phone can offend the confidentiality of those who feature in them. So please respect all legislation concerning confidentiality. By breaking them you will be held solely responsible.

copyright laws

The video/audio recordings you download are protected by copyright laws. They are for your personal use only and must not be otherwise used without the permission of the copyright owner.

questions and answers

Got a problem with your phone? Then see if the solution is below. And if that doesn't help, please contact Orange.

problem	possible cause	possible solution
Poor reception	The network signal is too weak where you are. For example, you are in a basement or near a tall building, and the signal is finding it hard to get through.	Move to a location where the network signal can be easily received.
	The network is busy. This can happen during peak times when everyone is trying to make calls.	Try again after waiting a little while.
	You are too far away from a network base station to get a good signal.	Request a service area map from Orange to see where reception is best.
Echo or noise	Poor network quality.	Press the end key and dial again. You may be switched to a better-quality network.
Unable to select certain features.	Orange does not support these features, or you have not applied for services that provide these features.	Contact Orange.

problem	possible cause	possible solution
Battery charging failure.	The battery or battery charger is damaged.	Get a new one. (You might have to buy a replacement if your warranty has run out or does not cover such damage.)
	The phone's temperature is below 0°C or higher than 45°C.	Avoid charging in extreme of temperatures.
	Poor contact between the battery and charger.	Check all connections – in particular that the charger is plugged in properly and turned on.
Shortened standby time	You have been on a different network (you might be roaming abroad). To some extent, standby time depends on the network. The same phone on different networks may not provide the same length of standby.	Temporarily turn off your phone.

problem	possible cause	possible solution
Shortened standby time	The battery is losing charge/ getting old. For example, battery life is shortened by working in high-temperature environments.	Get a new battery.
	You are located in an area where the signal is weak or non-existent, so your phone uses more battery power trying to receive a signal.	Change your location to one where the network is more accessible, or temporarily turn off your phone.
You cannot switch your phone on.	No battery power.	Recharge the battery.
SIM error	SIM malfunction or damage.	Contact Orange.
	SIM wrongly inserted.	Insert the SIM properly.
	Dirty SIM contacts.	Use a soft, dry cloth to clean the SIM.
Unable to connect to the network.	SIM invalid.	Contact Orange.
	You are not within the network's service area.	Check the service area with Orange.
	Poor signal.	Move to an open space or, if you are inside a building, move closer to a window.

problem	possible cause	possible solution
You cannot answer incoming calls.	You have activated call barring .	Go to settings > calls > call barring , and then select cancel all call barring .
You cannot make outgoing calls.	You have activated call barring .	Go to settings > calls > call barring , and then select cancel all call barring .
	You have activated fixed dial numbers .	Go to settings > security > fixed dial numbers and select status to turn this feature off.
PIN is blocked.	You have entered an incorrect PIN three consecutive times.	Contact Orange for a PUK code to unlock the SIM.
Unable to enter information into the phone book.	The phone book's memory is already full.	Delete unnecessary data.

Declaration of RoHS Compliance

To minimise environmental impact and take more responsibility for the earth we live on, this document shall serve as a formal declaration that the F160, manufactured by ZTE CORPORATION, is in compliance with Directive 2002/95/EC of the European Parliament – RoHS (Restriction of Hazardous Substances) with respect to the following substances:

1. Lead (Pb)
2. Mercury (Hg)
3. Cadmium (Cd)
4. Hexavalent Chromium (Cr (VI))
5. Polybrominated biphenyls (PBBs)
6. Polybrominated diphenyl ethers (PBDEs)

The F160, manufactured by ZTE CORPORATION, meets the requirements of EU 2002/95/EC.

disposing of your old phone



1. Any product displaying the crossed-out wheeled bin symbol is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from normal municipal waste at designated collection facilities supplied by government or local authorities.
3. Correct disposal helps prevent potential damage to the environment and human health.

For this product's Recycling Manual based on WEEE directive, please email weee@zte.com.cn or visit this website below to download the document: <http://ensupport.zte.com.cn>

Always remember to recycle: the cardboard packing that comes with your phone is ideal for recycling too.

EC DECLARATION OF CONFORMITY

C € 1588

It is hereby declared that following designated product:

Product Type: WCDMA/GPRS/GSM Mobile Handset.

Model No.: F160

Complies with the essential protection requirements of the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) and the Electromagnetic Compatibility Directive(2004/108/EC)

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/05/EC) was performed by American TCB (Notified Body No.1588), based on the following standards:

Safety	EN60950-1:2006
EMC	EN 301 489-1 V1.8.1; EN 301 489-7 V1.3.1; EN 301 489-17 V1.3.2; EN 301 489-19 V1.2.1; EN 301 489-24 V 1.4.1 ;EN 55013: 2001 A2:2006; EN 55020: 2007

Radio	EN 301 511 V9.0.2; EN 301 908-1 V3.2.1; EN 301 908-2 V3.2.1 EN 300 328 V1.7.1; ETS 300487 A1:1997
Health	EN 50360:2001; EN 62209-1:2006; IEC 62209-2 Edition1.0(2010-03) EN 50332-1: 2000; EN 50332-2: 2003

This declaration is the responsibility of the manufacturer:

ZTE Corporation

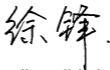
ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,
Nanshan District, Shenzhen, Guangdong, 518057, P.R.China

Authorised person signing for the company:

Xu Feng Quality Director of ZTE Corporation

Name in block letters and position in the company

Shenzhen, 18th Mar 2011



Place & date

Legally valid signature
