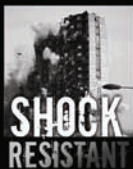


# JCB TOUGHPHONE

## USER GUIDE

VERSION 1.0





## TOUGHPHONE™

### USER'S GUIDE-VERSION 1.0

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## Disposal of old electrical & electronic equipment



The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.

## Disposal of battery



Please check local regulations for disposal of batteries.

The battery should never be placed in municipal waste. Use a battery disposal facility if available.

## Declaration of Conformity

Sonim Technologies Inc, declares that the mobile phone Sonim Xperience™ TOUGHPHONE is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

## DECLARATION OF CONFORMITY

---

We, SONIM TECHNOLOGIES INC.

of 1875 S.GRANT STREET SAN MATEO, CA 94402, USA

Declare under our sole responsibility that the product

**Type of application:** Original  
**Product name:** GSM/GPRS 900/1800/1900 Mobile Equipment  
**Model:** Sonim Xperience 1

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

Safety: EN 60950/2000 SAR: EN50360:2001/EN50361:2001

R&TTE: EN301-511 V9.0.2 EMC: EN301489-1 V1.4.1(2002-08) and EN301489-7 V1.2.1 (2002-08)

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body (ies):

**BABT, Balfour House, Churchfield Road, Walton-on-Thames, Surrey, KT12 2TD, UK**

Identification mark:

**0168**

*(Notified Body number)*



The technical documentation relevant to the above equipment will be held at:

SONIM TECHNOLOGIES INC.

1875 S.GRANT STREET SAN MATEO, CA 94402, USA

# CONTENTS

<b>General information</b>	<b>8</b>
Network services	8
JCB support information	?
Use the guide effectively	9
Options commonly used across menu items	11
<b>Your safety guidelines</b>	<b>12</b>
Battery care	13
Battery performance	13
Battery replacement	13
Avoiding short circuit	13
Avoiding high temperatures	14
Battery disposal	14
More safety information	14
Personal medical devices	14
Child safety	15
Emergency calls	15
SAR certification	16
<b>Getting started</b>	<b>17</b>
Battery information	17
Battery usage	17
Inserting and removing the battery	17
Charge the battery	18
Set battery alert	18
Your SIM card	20
Insert the SIM card	20
Removing the SIM card	21
Key operations without your SIM card	21
Parts of the JCB™ TOUGHPHONE™	22
JCB™ TOUGHPHONE™ keypad	23
Standby mode	24
Operations in standby mode	25
Basic settings	26
Keypad functions	27

<b>Your JCB TOUGHPHONE™</b>	<b>30</b>
Main menu	30
Home screen indicators	30
Settings	33
Ringer settings	33
Phone settings	34
Network settings	35
Managing the phone book	39
Add a new number	39
Send a namecard	40
Edit or delete phone records	41
Copy or move numbers to other lists	42
Managing personal information	42
Phone book memory	43
Storing the IP service number	43
<b>Make calls</b>	<b>44</b>
Dialling a number	44
Dialling an international number	44
Dialling a number using the Easy call key	44
Dialling a number via phone book	44
Dialling a number via the call list menu	46
Speed dial	47
Receive a call	48
Any key answer	48
Forward a call	48
Call barring	49
Call waiting	50
Auto redial	51
Auto answer	51
Filter calls	52
Black list calls	52
White list calls	53
Call filter settings	53
Other call settings	54
Review call information	54

<b>Messages</b>	<b>56</b>
Message settings	56
Text input mode	57
Conventional text input	57
Predictive text input	58
Write messages	59
Send an SMS via phone book	60
Manage your messages Inbox	60
Unsent messages	61
Sent messages	61
Predefined SMS messages	62
View SMS memory	62
SMS broadcasts	62
Voice mail	64
<b>Tools</b>	<b>65</b>
Organiser	65
Create new event entries	66
Edit organiser entries	66
Delete entries	67
Alarm clock	67
Calculator	67
Audio recorder	69
Audio playback	69
Bluetooth	69
Activate Bluetooth	70
Deactivate Bluetooth	70
Bluetooth Settings	70
Pair devices	71
Connect a Bluetooth Headset	71
Rename Paired device	71
Delete Pairing	72
Send Data	72
Receive data	73
Stopwatch	73
Count-down timer	74
Universal time	74

Personalise your phone	75
Themes	76
Manage your files	76
SIM card menu	77
WAP	78
End user licence agreement	80
Index	84

# GENERAL INFORMATION

Congratulations on the purchase of a **JCB™ TOUGHPHONE™**. The **JCB™ TOUGHPHONE™** is fully compliant with the recently ratified Open Mobile Alliance (OMA) GSM standard specification. It has an intuitive, feature-rich user interface that allows you to make the best use of the functions offered on your **JCB™ TOUGHPHONE™** device.

## Network services

These are additional services that you can avail through your network service provider. To make the best of these services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.



## Use the guide effectively

Acquaint yourself with the terminology and symbols used in the guide to help you use your phone effectively.

### Press

Means to press and release a key immediately. For example, Press 2 means that you press the key on the keypad that is labelled with the numeral 2 and the alphabets “ABC”.

### Select

Means to either press the Left or Right Selection Key to apply the command indicated at the bottom of the screen. For example, if this guide says Select **Menu > Messages > SMS > Write** message, you must press the Left Selection Key to select **Menu**, scroll to **Messages** and press the **Left Selection Key**, scroll to SMS and press the Left Selection Key, scroll to Write message and press the Left Selection Key. To select Exit, press the **Right Selection Key**.

## Press and hold

Means to press and hold a key for 2–3 seconds before releasing the key. This action is typically used when trying to switch on/off the phone or when using shortcuts to access specific functions. For example, press and hold **I** to access Voicemail.

## Menu options

These options are displayed at the bottom of the screen. The selection keys are used to accomplish the indicated option.

## Select Menu

Means to press the Left Selection Key to select the Menu option or press the Menu key (centre) for the same result.

## A menu item suffixed with three dots (...)

Means more options are available but only one has been mentioned in the guide.



Signifies a Note.



Signifies a Tip.

## Options commonly used across menu items

The following are common actions used across various menu items:

<b>Exit</b>	Displays the previous screen. Use the Right Selection key to perform this function.
<b>Clear</b>	Deletes data character by character. Use the Right selection key to perform this function.
<b>OK</b>	Confirms an action. Use the Left Selection Key or the Menu key to perform this function.

# YOUR SAFETY GUIDELINES

Please read and understand the following safety guidelines before you use the phone. These guidelines provide details to enable you to operate your phone safely and conform to any legal requirements regarding the use of cellular phones.



Do not use the phone at a refuelling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.



Electrical interference may obstruct the use of your phone.



Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft.



Do not expose the battery to high temperatures (in excess of 60°C).



The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.



Ensure that only qualified personnel install or repair your phone.



Adhere to road safety laws. Do not hold/use a phone while you are driving; find a safe place to stop first. Do not speak into a hands-free microphone while you are driving.



Observe restrictions in hospitals and near medical equipment.



Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.



Use only JCB™ TOUGH-PHONE™ approved charging equipment to charge your phone and avoid damage to your phone.



The JCB™ TOUGHPHONE™ is water-resistant, dust-resistant and rugged. However, it is not water-proof, dust-proof or incapable of being broken if dropped or thrown. For best results one should protect the TOUGHPHONE™ from moisture, dust and strong impacts.



Make back-up copies of important information stored in your phone or maintain a written record.

## **Battery care**

### **Battery performance**

A rechargeable battery powers your device. Use the battery only for its intended purpose. Never use any charger or battery that is damaged. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. Unplug the charger from the electrical plug and the device when not in use. Do not leave the fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

### **Battery replacement**

When the talk and standby times are noticeably shorter than normal, replace the battery. If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger and then disconnect and reconnect it to begin charging the battery.

### **Avoiding short circuit**

Do not short-circuit the battery. An accidental short-circuit can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. A short-circuit at the terminals may damage the battery or the connecting object.

## Avoiding high temperatures

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

## Battery disposal

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations and recycle when possible. Do not dispose as household waste. Do not dismantle, open or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of leak or a hazard seek medical help immediately.

## More safety information

### Personal medical devices

Mobile phones may affect the operation of cardiac pacemakers and other implanted equipment. Please avoid placing the mobile phone over the pacemaker, for example. In your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you have any reason to suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist

for more information. For other medical devices, please consult your physician and the manufacturer of the device.

Comply with instructions to switch off the device or deactivate the RF transmitter function when asked to do so, especially when posted in hospitals and aeroplanes. Equipment used in these places may be sensitive to radio waves emitted from the device and adversely affect their operation.

Likewise, observe restrictions at fuel stations or other areas with flammable atmosphere or when close to electro-explosive devices.

### Child safety

Do not allow children to play with your mobile phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the mobile phone or accessories. Your mobile phone and its accessories may contain small parts, which could be detached and create a choking hazard.

### Emergency calls

Mobile phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/or mobile phone features are in use. Check with your local service provider.

## SAR certification

When communicating over the wireless network, the mobile phone emits low radio waves known as radio frequency energy or RF. The Specific Absorption Rate or SAR is the unit used to measure the amount of RF energy absorbed by the body while using the phone and is expressed in watts/kilogram. In compliance with the product standards in EN 50360:2001, the allowed limit of SAR averaged for 10g tissue is 2.0 (W/kg).

The localised SAR of the portable **JCB™TOUGHPHONE™** device has been measured in all cases as requested by the relevant international standards. The maximum localised SAR value for which the device has been tested and certified for specific exposure limits and different network bands is given below:

### 900 MHz Band

Min. measured SAR: 0.13

Max. measured SAR: 0.68

### 1800 MHz Band

Min. measured SAR: 0.08

Max. measured SAR: 0.15

You can reduce the exposure of the human body to RF energy by keeping the phone at a distance from the head/body. For example, by using a hands free headset.



# GETTING STARTED

## Battery information

### Battery usage

- Use only an JCB™ TOUGHPHONE™ certified battery, charger or any other accessories that are designed for this phone model.
- The use of other batteries, chargers and accessories may void the warranty terms of your phone and cause damage.
- Do not subject the battery to extreme temperature environments and protect it from moisture.
- Please keep the battery out of the reach of children.

### Inserting and removing the battery

- I With the back of the phone facing you, turn the battery

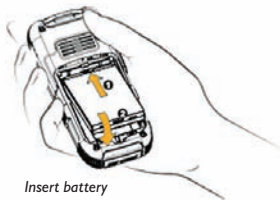


*Open the battery cover*

- 2** Lift the flap that covers the battery.



*Lift the battery cover*



*Insert battery*

- 3** Insert the battery flush into the battery slot such that the three metallic contacts at the top of the battery are aligned with the metallic contacts within the battery compartment.
- 4** Place the cover back and turn the battery cover knob clockwise to lock the battery cover.
- 5** To remove the battery, lift the flap behind the phone and raise the lower end of the battery from the slot. The battery can now be removed.

### Charge the battery

The battery delivered with your mobile phone is not fully charged. We recommend that you charge your mobile for three hours before you use your mobile phone for the first time.


- 1** Insert the charger plug into a 240V AC power outlet.
- 2** Align the charger connector with the USB socket at the bottom of the phone and insert it.



*Charge battery*

- 3 If the battery is being charged when the phone is switched off, only the battery icon with the message **Charging** is displayed (as shown in the adjacent figure). When the battery has been fully charged, the message **Completed** is displayed.




- 4 If the battery is being charged while the phone is switched on, you will notice that the bars in the battery charge icon  (visible on the home screen) show movement indicating that the battery is being charged. After the phone is fully charged the battery bars on the display stop scrolling. You can safely disconnect the charger from the phone.
- 5 After the charging process has begun, the only way to stop charging is to disconnect the charger. If possible, use a power jack that is easy to plug and unplug.



To protect the USB socket of the phone from vibration during the charging process, disable the vibrate function and use the ringing function instead, if you wish to leave your phone on while the battery is being charged.

## Set battery alert

When you set the battery alert, every time the battery charge is low you hear an alarm.

- 1 To set the battery alert select **Menu > Quick settings > Normal > Personalise > Battery alert > On** or, press **Menu** key to select the checkbox beside Battery alert to activate the alert.
- 2 Select **Exit** to go to the previous screen or press  to return to the home screen.

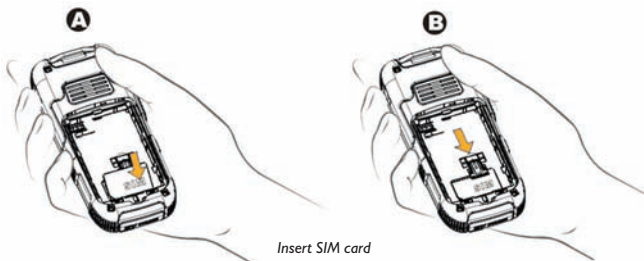
For more information on alerts, refer “Personalise your phone” on page 75.

## Your SIM card

Purchase a SIM card from your mobile operator. Your SIM card stores your phone number and user registration information. The SIM card can be used in any GSM phone. Your phone number and user registration information always remain the same.

## Insert the SIM card

- 1 Ensure the phone is switched off.
- 2 Lift the battery cover and remove the battery. For instructions refer “Insert and remove the battery” on page 17.
- 3 Place the SIM card in the designated slot located at the lower end of the phone.
- 4 Slide the silver clip over the SIM card to hold it securely (as shown in the figure B).



- 5 Replace the battery and the cover. Turn the battery cover knob clockwise to lock the battery cover.

### Removing the SIM card

- 1 Ensure the phone is switched off.
- 2 Lift the battery cover to remove the battery. Refer instructions in the section “Insert and remove the battery” on page 17.
- 3 Slide the silver clip upwards and remove the SIM card.
- 4 Replace the battery and the cover.

## Parts of the JCB™ TOUGHPHONE™

The JCB™ TOUGHPHONE™ keypad has six function keys and 12 alphanumeric keys. The left side of the phone has the three Push-to-Talk (PTT) keys as shown in the figure:



*JCB™ TOUGHPHONE™ at a glance*

- |   |                         |    |                    |
|---|-------------------------|----|--------------------|
| 1 | Ear Piece               | 8  | Charger port       |
| 2 | Display Screen          | 9  | Microphone         |
| 3 | Push-to-Talk (PTT) keys | 10 | Headset port       |
| 4 | PTT volume key          | 11 | Loud speakers      |
| 5 | PTT call key            | 12 | Battery cover      |
| 6 | Function keys           | 13 | Battery cover knob |
| 7 | Alpha-numeric keys      |    |                    |

Easy call keys have different functionalities for PTT activated phones.

## JCB™ TOUGHPHONE™ keypad

The various keypad keys and their corresponding functions are described in the following figure.

The alpha-numeric keys comprise numbers from one to zero, alphabets from A-Z, plus [\*] and [#] keys. By pressing the designated key you can input numbers or characters. Choose the appropriate text input option to enable you to use these keys efficiently. For more information on text input modes refer section “Text input mode” on page 56.



*Keypad functions*

### Numeric keys

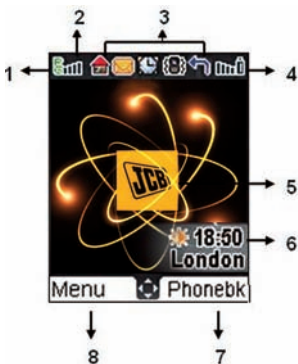
- 1** Press and hold for voicemail
- 2** Press and hold to turn on/off the loudspeaker
- 3** Press and hold to lock/unlock the keypad
- 4** Press and hold to turn on/off silent mode
- 5** Press and hold to display +(before dialling an international number)

### Function Keys

- 6** Navigation arrow keys
- 7** Right selection key (RSK)
- 8** Menu key
- 9** Power on/off/end call
- 10** Call accept/send
- 11** Left selection key (LSK)

## Standby mode

Certain information is displayed when the phone is in standby mode, for example, the name of the service provider, date and time, battery charge status, PTT and GPRS connectivity. Other indicators may be displayed (if the feature is activated), like the alarm, call forward etc. In PTT activated phones, the connectivity icon will be displayed. The device with a fully-charged battery can remain in the standby mode for a duration of 200 hours.



- 1 PTT and GPRS connectivity
- 2 Signal strength indicator
- 3 Display icons
- 4 Battery charge indicator
- 5 Service provider
- 6 Local time
- 7 RSK command
- 8 LSK command

*Standby screen display*



## Operations in standby mode

The following can be accessed from the home screen when the phone is in standby mode or when the phone is not in use.

### Press

Up arrow  
Down arrow  
Right arrow  
Left arrow  
PTT key  
Menu key  
Left Selection key  
Right Selection key  
Pickup/Send key

### To access

Call list  
Phone book list  
Write message  
WAP options  
PTT contacts  
Main menu  
Main menu  
Phone book  
Outgoing calls list



The four functions that are performed using the arrow keys are set as factory defaults, however they can be changed. You can also configure new shortcuts. For more information on shortcuts refer page 35.

## Basic settings

When you switch on your phone, you can see the service provider's name on the display.

## Security settings

- 1 To prevent unauthorised use of your phone, you can set a PIN code. Select **Menu > Settings > Security settings > PIN code > On > OK**. After this is set, every time you power on the phone, you will be requested to enter the PIN. If the PIN code is wrong you cannot access the phone.
- 2 To change the PIN code select **Menu > Settings > Security settings > Change code > OK**. You can change codes for PIN, PIN2 and Call barring.

## Date and time

- 1 To set the Date and Time, select **Menu > Settings > Date and time > OK**.

## Auto keypad lock

- 1 To lock the keypad, select **Menu > Settings > Phone settings > Auto keypad lock > OK**. You can choose to switch it off or enable the feature.
- 2 Alternatively press and hold the '\*' key to lock and unlock the keypad.

## Silent mode

In the silent mode, the alerts for Calls, Organiser, SMS and battery status are disabled.

- 1 Select **Menu > Quick settings > Silent > OK > Enable**.

## Keypad functions

The following table displays the various keys and the corresponding functions they perform:

### Keypad Key

### Operation

Power On/Off/End call



**Press** and **hold** to switch on or switch off the mobile phone.

**Press** when in Menu or Edit modes to return to Standby mode.

**Press** to end a call.

**Press** to reject an incoming call.

Accept/send



**Press** to answer an incoming call.

After entering a phone number, **press** to make a call.

**Press** and **hold** to make an IP call, provided the IP number is set.

**Press** while in Standby mode to access Outgoing calls list. These keys are present immediately below the display screen.

LSK/RSK



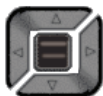
**Press** the Left selection key (LSK) or Right selection key (RSK) to select the function indicated at the bottom of the screen.

The indicated functions can vary according to different program definitions.

**Press LSK** to access the main menu, in standby mode.

**Press RSK** to access the Phone book, in standby mode. Present at the centre of the navigation keys.

### Menu key (centre)



**Press** while in standby mode to enter the main menu.

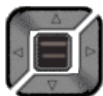
**Press** when required to be used as a toggle key to select or clear a checkbox.

**Press** to perform similar tasks as the Left Selection Key.

**Press** to select the **OK** command.

---

### Navigation keys



The Left and Right Selection keys, Power On/Off and Pickup keys surround this key group. There are arrows on the key that denote the direction to scroll for information displayed on the screen.

#### *Up/Down*

**Press** to view the target characters by pages in the text editor.

**Press** to browse menus/lists at the same level.

**Press** to view the previous or next picture when previewing pictures.

**Press** to increase or decrease the volume during a call.

#### *Left/Right*

**Press** to move the cursor left or right in the text editor.

**Press** to browse the main menu.

**Press** to turn to previous or subsequent pages when browsing the contacts in the address book.


**Press** to view the previous or next picture when previewing pictures.

**Press** the Left navigation key during a call, to mute or unmute the phone.

**Press** the Right navigation key during a call to switch on/off the handsfree

## Numeric keys



**Press** the required keys to enter the desired phone number and press  to make a call. Alternatively enter the number and select Options to Dial the number.



**Press** and **hold** any numeric key to create shortcuts from the available options.



**Press** and hold in standby mode to access your Voice mail. When entering text, press to enter spaces.



**Press** and hold to set the ringtones for incoming calls.



**Press** and hold to switch on and switch off the loudspeaker during a GSM call.



**Press** and hold to set the Alarm.



**Press** and **hold** to display the calculator.

**Press** and **hold** to display the languages screen.



**Press** and **hold** to display '+' used for dialing an international number.

**Press** to switch between lower case, upper case or auto case, when entering text.



**Press** and **hold** to lock the keypad. Use it as a toggle key to lock and unlock the keypad.

When entering text, **press** to display special characters, for example, period, comma etc.

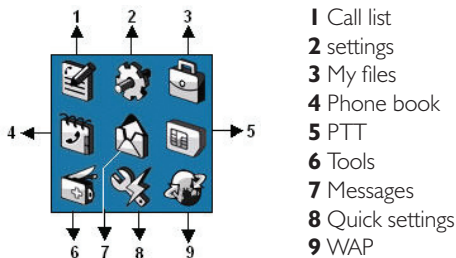
**Press** and **hold** in standby mode to switch between Silent on/off modes. When entering text, **press** to switch to different character input modes for example, T9, abc and 123.

# YOUR JCB TOUGHPHONE™ PHONE

This model is a bar type phone with a single LCD screen. The graphic field of the screen is 129 (w) and 160 (h) pixels. The CSTN technology used displays 65K colours.

## Main menu









To access the main menu press the **Menu** key or press the **Left selection key** to display the main menu which comprises the following nine items:













## Home screen indicators

The home screen indicators are visible when the phone is in standby mode. Some icons indicate the status of certain components of the phone, for example, the battery charge indicator, the network status indicator, the date and time etc. Some icons are displayed only if the specific service is activated.

The following table describes the display indicators available in the **JCB™ TOUGHPHONE™** phone:

Display indicators	Name	Description
	Battery	Five clear bars indicate maximum battery charge. Opaque bars indicate decline in battery charge.
	Roaming	This icon is only displayed when your phone is registered with a non-home network.
	GPRS	G displayed in green indicates that the GPRS network is present. G displayed in red indicates that the GPRS network is not available.
	Voicemail	Indicates that there are new voicemail messages.
	Alarm Clock	Indicates that the alarm clock has been set.
	Vibrate	Indicates that the Vibrate mode is turned on.
	Call Forward	Indicates that the Call forward function is enabled.
	Silent	Indicates that the phone is on Silent mode.

Display indicators	Name	Description
	Missed Calls	Indicates that there are missed PTT and GSM calls and Instant Personal Alerts.
	Navigation arrows	Indicates the available directions for navigation and is always displayed at the bottom of the screen.
	Event reminder	Reminds you of a new event.
	Unread message	SMS memory Indicates that there are unread messages in the SMS inbox.
	SMS memory	Indicates that the SMS memory is full.
	WAP alert	Indicates receipt of a new WAP alert
	Black list	Indicates that the black list filter has been enabled.
	White list	Indicates that the white list filter has been enabled.
	Bluetooth™ connectivity	Indicates that the Bluetooth™ is active.
	Bluetooth™ headset connectivity	Indicates that your device is paired and connected to a headset with Bluetooth™ connectivity.



## Settings

You can create and modify various settings on your JCB™ TOUGHPHONE™ phone.

- 1 On the Standby screen select **Menu > Settings** to display the options.

## Ringer settings

You can set different tunes for your incoming calls, SMS alerts and alarms. Separate tunes can also be set for different caller groups that are maintained in the phone book, for example, family, friends et al. This helps you to identify callers of a specific group.

You can choose between Standard tunes (pre-recorded factory tunes) or Own melodies (downloadable via WAP or Comm. Port, or your personal recordings).

- 1 To set ring tunes for incoming calls, select **Menu > Settings > Ringer settings > Incoming calls > OK > Colleague...> OK.**
- 2 Choose between Standard Tunes or Own melodies and select **OK**. Select **Exit** to move to the Incoming call screen.

You can similarly set ring tunes for SMS alerts and alarms. For more information refer “Personalise your phone” on page 75.

## Phone settings

I Select **Menu > Settings > Phone settings > OK.**  
The phone settings displayed are:

**Auto power:** switches off and switches on the phone automatically, at the specified time set by you.

**Welcome text:** allows you to create the welcome text that is displayed when the phone is switched on.

**Idle screen:** has the following two settings:

**Idle screen type:** allows you to set the Standby screen display to Digital, Analog, Month view (calendar view) or Universal time modes.

**Wallpaper:** allows you to set the background screen display using the embedded pictures available in your phone or from your own pictures that you have downloaded on to your phone. The selected wallpaper is displayed on the standby screen only if you select **Digital** as the idle screen type.

**Colour theme:** allows you to set the colour theme for the main menu and the related screens. There are three themes available.

**Languages:** displays all the phone menu options and text in the selected language. For example, choose English to display all menu items, text messages etc. in English. The other languages available on this device are, Spanish, German, French, Chinese, Dutch, Swedish, Greek, Russian and Italian.

**Backlight:** keeps the screen display active for the period chosen by you. The duration could be 30 seconds, a minute or three minutes.

**Shortcuts:** allows you to assign a hotkey for a specific function.

- 1 To set a shortcut, on the Shortcuts screen, select a key, choose from the list of empty keys displayed and select OK. The list of options is displayed. Choose an option, for example, SMS > OK. The shortcut is set.
- 2 To cancel a shortcut select **Menu > Settings > Phone settings > scroll to Shortcuts > scroll to and select the shortcut key you want to cancel (for example, SMS) > Empty > OK.** The shortcut is cancelled.

## Network settings

This relates to various network related settings. You can choose your network, specify the network account, indicate whether GPRS is required at all times and so on.

Select **Menu > Settings > Network settings > OK** to display the network settings.

**Preferred networks:** has a list of options which will enable you to view a list of available networks, allows you add a new network or delete an existing network. These options are available, if provided by your service provider.

<b>Show list</b>	Displays a list of preferred network providers. Scroll to a network and Select. The preferred network is displayed at the top of the list.
<b>Delete list</b>	Removes a network provider from the existing list.
<b>Available networks</b>	Locates and displays the network providers available to you.
<b>Add existing</b>	Displays a list of existing network providers. Allows you to add a network provider list. Select Add to add a network provider to the preferred networks list
<b>Add network code</b>	Allows you to enter the code applicable to a network, typically required when using the roaming service. The saved PLMN (Public Land Mobile Network) is added to the preferred networks list.

**Attach GPRS:** permits continuous GPRS connectivity when the option **Always attached** is selected. Select **Attached during PDP session**, if you want GPRS connectivity only when required. GPRS connectivity is required to initiate a PTT session.

**Register again:** allows you to register your phone again. If you have chosen a different network, select this option to register with the new network.

**Network account:** is used to connect to the GSM or GPRS network. Contact your service provider to change the existing factory profiles and to acquire the correct parameter updates. Connection errors are caused due to wrong parameters. Certain predefined profiles may be locked to prevent re-configuration.

The following options are dependent on your network operator and the service you have requested.

- 1** On the Network account screen, choose a network account and select **Option > View > OK** to view the network account information.
- 2** Select **Option > Set as PTT default** to use the network profile for connecting to the PTT service. Restart your phone.
- 3** Select **Option > Edit > OK** to modify the following account information.

**Account name:** allows you to rename the selected network account.

**Bearer:** allows you to choose from two protocols for WAP service. You can either choose GSM only or GPRS only. GPRS is required to access the PTT service.

**GSM settings:** The following GSM settings can be configured:  
Data call type: choose between ISDN and Analogue.

**Phone number:** enter the number you need to dial. When your phone connects to the Internet, it will dial this number automatically.

**User name:** the user name required to log in to the WAP server.  
User password: the corresponding password that enables you to log in to the WAP service.

**GPRS settings:** configures the settings for APN (Access Point Name - a requirement for GPRS), User name and User password required to log in to the WAP/data server.

## Managing the phone book

You can use the phone book to maintain phone numbers of your contacts. This feature enables you to add, delete, dial phone numbers and send SMS messages.



When you switch on the phone, it takes some time for the phone book to initialise. Wait till you can use the phone.

To access the phone book, on the home screen select **Phonebk**, or select **Menu > Phone book > Select**. The list of phone book options is displayed.

Alternatively to directly access the phone book list and its allied options, press the **Down navigation** key to display the Phone book list.

## Add a new number

- 1 Choose the phone memory where you want to store the phone number. On the home screen select **Phonebk >** scroll to **Select memory > OK**.
- 2 Select either **SIM card** or **Phone** as the memory type to store the new number and select OK. Select Exit to revert to the Home screen.



The SIM card stores the name and number of the contact, while the phone memory additionally stores other contact details like, name, contact number (including mobile, office, home and fax), email and postal address.



To enter a symbol for email address, press **I** repeatedly till you get the desired symbol. For example, press **I** thrice to display '@' and press **I** four times to display '\_'.

- 3 Select **Phonebk >** scroll to **Add New > OK**. Enter the Name and Phone number and select **Save**.

Alternatively, you can directly enter a number and select **Option > Save**. Enter the Name of the contact and select **Save**. The new number is updated in the Phone book list.

### Send a namecard

A namecard contains contact details of an individual. You can send a namecard either from the Search option or the View list option in the Phone book.

- 1 To send a namecard to another contact, select **Phonebk > View list > OK**.
- 2 Scroll to the contact name and select **Option > Send namecard > OK**.
- 3 Enter the recipient's contact number and select **OK**.
- 4 Select one of the following options to send the namecard information.

**Phonebk:** option to select the contact to whom the namecard is to be sent.

**Group:** option to select the group of contacts to whom the namecard is to be sent.

**Send now:** sends message instantly.

**Send & save:** option to send the message and save it.



**Save:** option to store the message.

**Save as user defined:** allows you to save the namecard information for reuse.

**Add icon:** allows you to insert an image from the existing emoticon folder.

## Edit or delete phone records

- **To edit a record**
- On the home screen select **Phonebk > View list > OK**. Scroll to the contact you want to edit and select **Option > Edit > OK**. Make the changes and select **Save**. The record is edited the updated Phone book list is displayed.
- **To delete a record**
- On the home screen select **Phonebk > View list > OK**. Scroll to the contact you want to delete and select **Option > Delete > OK**. To confirm the deletion select **OK**. The updated Phone book list is displayed.



You can also use the Search option to locate a contact name and then edit or delete the record.

- **To delete all records in the SIM memory**  
On the home screen select **Phonebk > Advanced > OK > Delete all SIM records > OK**.
- **To delete all records in the Phone memory**  
On the home screen select **Phonebk > Advanced > OK > Delete all phone records > OK**.

## Copy or move numbers to other lists

- **To copy all records from SIM card to Phone memory**  
Select **Phonebk > Advanced > OK > Copy all from SIM to phone > OK.**
- **To copy all records from Phone memory to the SIM card**  
Select **Phonebk > Advanced > OK > Copy all from phone to SIM > OK.**
- To move all records from SIM card to Phone memory  
**Select Phonebk > Advanced > OK.** Move all from SIM to phone > **OK.** Moved records get deleted from the source location. All the records moved from the SIM card will not be available in the SIM memory thereafter.
- To move all record from Phone memory to SIM card  
Select **Phonebk > Advanced > OK > Move all from phone to SIM > OK.** All records moved from the Phone book to the SIM memory will not have details related to Email, Postal address, postal code & Notes of contacts.

## Managing personal information

- 1 Select **Phonebk > Own info > OK > Edit own info > OK.**  
Enter your Name and other personal details such as Mobile number, Office number, Home number, Fax number, Pager number, Email, Postal address and Postal code. Use the **Down navigation key** to move to each field.
- 2 To delete your information select **Phonebk > Own info > OK > Delete own info > OK.**

- 3 To mail your information to another person, **Phonebk > Own info > OK > Send own info > OK.**
- 4 To view your own information select **Phonebk > Own info > OK > Display own info > OK.**

### Phone book memory

You can store records in both phone memory and SIM card. Phone memory has the capacity to store upto 500 records and the SIM memory depends on the SIM provider.

- I To verify the memory status select **Phonebk > Memory status > OK.**

### Storing the IP service number

You can store your IP service number so that you don't have to enter each time you make an IP call.

- I To store the IP number select **Phonebk > IP number > OK.** Enter the IP number and select **Save.**




You can make IP calls only if your network operator supports IP service numbers.

# MAKE CALLS


Before making a call you must ensure the following:

- Keypad is not locked.
- A valid SIM card is installed.
- Phone battery is charged.
- Phone is switched on and the network operator's name is displayed.

## Dialling a number


- 1 Use the numeric keys to enter the number and press the **Send** key 
- 2 Alternatively you can enter the desired phone number and select **Option > Dial > Dial > OK**.

## Dialling an international number

- 1 Press and hold the numeric key **0** till the + symbol is displayed. Enter the Country code, Area code (without **0**) and the phone number and press  or select **Option > Dial > Dial > OK**.

## Dialling a number using the Easy call key

When you hold the JCB™ TOUGHPHONE™ device, a group of three keys are available to the left of the device. The large key or the Easy call key is used to make quick calls. For information on parts of the device, refer "Parts of the JCB™ TOUGHPHONE™ phone" on page 22.



- 1 To access the phone book list press the **Easy call key**.
- 2 To navigate up and down the list, use the **Side keys** (above the Easy call key).
- 3 To initiate a call, select a contact and press .

In PTT activated phones, the key has a different function. For more information refer to the PTT leaflet.

## Dialling a number via phone book

You can dial a number directly from the Phone book list or either from the Search option or the View list option in the Phone book.

To locate a phone number:

- 1 On the home screen select **Phonebk > Search > OK**. Enter the name or the number (Press **#** to switch between numeric and text input modes) and select **OK**.  
OR  
Select **Phonebk > View list > OK**.
- 2 When the Search option is used, the specified name is displayed. Press  to dial the number or select **Option > Dial > Dial > OK**. Select End to disconnect.
- 3 When the View list option is used, from the displayed list, choose the contact you want to call press  or select **Option > Dial > Dial > OK** to make a call. Select **End** to end the call.

## Dialling a number via the call list menu

This Call list comprises separate lists for Outgoing, Answered and Missed calls.

In this menu you can view the list of calls, delete an entire list of calls and review call information related to cost, duration, time of call etc.

- 1** To access the Call list select **Menu > Call list**. All the available call lists are displayed.
- 2** Choose a list and select **OK** to view the list of calls within a list, for example, Outgoing calls list.
- 3** Choose a contact and select **OK** to view the date and time of the call.

Contacts within the call list have the following options:

**Dial:** displays dial options from which to choose.

<b>IP dial</b>	Dials a number through the IP network.
----------------	--

<b>Dial</b>	Dials a GSM number.
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<b>IP Handsfree</b>	When you dial a number through the IP network, you can talk using the speaker.
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<b>Handsfree dial</b>	You can talk using the speaker.
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- **Send SMS:** sends an SMS message to the specified contact. Select **Option** to view the SMS options.
- **Send phone number:** displays your phone number to the recipient.
- **Delete:** deletes the contact number from the Call list.
- **Check number:** displays the contact number of the caller.
- **Save:** prompts you to save the name and number of the contact. Enter the name and select **Save**. This option is absent for contacts already saved in your contact list.

## Speed dial


This option enables you to dial a number quickly via a shortcut.

- 1 On the home screen, select **Phonebk > View list > OK**.
- 2 Scroll to the frequently called number and select **Option > Speed dial > OK**.
- 3 Choose a hotkey and select **OK** to set the shortcut.
- 4 To dial the number, just press and hold the designated shortcut key.




If you use IP dialling and have already entered an IP number in the Phone book, the phone will automatically add the service number before the number you entered, and place the call.

## Receive a call

- 1 To receive a call, press the **Accept key**  (this key is used to send and accept a call).
- 2 To reject a call press the **Power on/off** key .
- 3 To receive another call while you are already speaking, the call waiting feature for GSM calls should be enabled via the **Settings** menu. For details on how to enable Call waiting facility, refer “Call waiting” on page 50.

## Any key answer

When enabled, you can press any key except  to answer a call.

- 1 To activate this feature, select **Menu > Settings > Call settings > Anykey answer > On** or press the **Menu** key to select the checkbox and activate the feature.

## Forward a call


If you are not available or choose not to answer a call, you can use this function to forward your incoming calls to a new number or an existing number in the Phone book list, provided your network operator supports this service.

- 1 To access Call forward settings select **Menu > Settings > Call settings > Call forward > OK**.



The Call forward options are mentioned below:

Call Forward option	Function
Unconditional	Forward all incoming calls to a pre-designated number.
If busy	Forward calls when your phone is busy.
If no reply	Forward calls when you do not answer the incoming calls.
If unreachable	Forward calls when you have switched off your phone.
Cancel	Withdraw the Call forward option.
Status	Check the current Call forward status.

When Call forward is enabled, the icon  is displayed at the top of the screen when the phone is in standby mode.

## Call barring

You can use this function to stop incoming calls. You can set Call barring facility for outgoing calls, international calls, local calls and all incoming or roaming incoming calls.

- 1 To set Call barring settings select **Menu > Settings Call settings > OK > Call barring > OK.**
- 2 Enter a restriction password. (Your network operator provides this before you use this function). This password will be sent to the network for verification.

**Cancel barring:** when you cancel the call barring facility you are prompted to enter a restriction password again. If the password is correct, your phone will contact the network to disable this function.

**Barring status:** when you check the status, your phone will send a request to the network and the feedback will be displayed on your screen.

## Call waiting

This facility can be used for GSM or GPRS calls.

### GSM calls

When Call waiting is enabled or turned on and your phone is in conversation, the message **Call waiting from...** is displayed when you receive an incoming call.

- 1 To enable call waiting facility, select **Menu > Settings > Call settings > Call waiting > GSM call > On > OK**.
- 2 To cancel the call waiting facility, select **Menu > Settings > Call settings > Call waiting > GSM call > Off > OK**. You will not be prompted when you receive an incoming call while your phone is busy. The caller will receive a busy signal.
- 3 To verify the call waiting status, select **Menu > Settings > Call settings > Call waiting > GSM call > Status**.

### GPRS calls

If the call waiting facility is enabled and you receive a GSM call while you are in a GPRS session (for example browsing the Net via the WAP service), the number of the caller is displayed on your phone.

You can choose to accept or reject the call. If you accept the GSM call, the WAP session closes. If you reject the incoming call, you continue with the WAP session.

- 1 To set Call waiting facility select **Menu > Settings > Call settings > OK > Call waiting > OK.**

## Auto redial

When enabled, your phone will automatically redial within a set interval, if a call does not connect.

- 1 To enable this function select **Menu > Settings > Call settings > Auto redial > On.**

OR

Use the **Menu** key as a toggle key to select and clear the checkbox beside the Auto redial option to enable and disable the function.

- 2 When you redial a number, you are prompted with the message **Redial?** Select **OK** to redial, select **Exit** to stop redialing. If in the meantime you begin to make a call, the phone automatically quits redialing.

## Auto answer

When enabled your incoming calls will automatically be answered.

- 1 **Select Menu > Settings > Call settings > Auto answer > On.**

OR

Use the **Menu** key as a toggle key to select and clear the checkbox beside the Auto redial option to enable and disable the function.

## Filter calls

This function enables you to avoid receiving unnecessary calls. Phone numbers of calls you do not want to answer can be placed in the “black list” while phone numbers of calls you want to answer can be placed in the “white list”.

When a contact number is added to Black list or White List, the new number should be prefixed by ‘+’ followed by the country code.

- I To enable this function select **Menu > Settings > Call filter > OK**.

## Black list calls

In this menu you can add, search for, change and delete numbers that you do not want to answer. This menu has two submenus: Add and Search.

### Add to black list

- I To add a number to the black list, on the Call filter screen, select **Blacklist > OK > Add new > OK**. Two options are displayed:

**New number:** Allows you to enter a new number to be stored in the black list.

**Phone book:** Allows you to open the phone book list to select and transfer a number to the black list.



When a contact is added to the black list or white list the new number should be prefixed by ‘+’ and country code. To add ‘+’ and country code to a number in black list, select **Black list > Search > OK >** scroll to and select the number **> Option > Change >** prefix the number with ‘+’ and country code **> OK**.

## Search for black listed numbers

- 1 To locate a black listed number, on the Call filter screen, select **Blacklist > Search > OK**.
- 2 Scroll to a number and select **Option > Change > OK** to modify a number or select **Option > Delete > OK** to remove a number from the black list.

## White list calls

This list contains phone numbers of persons you want to call. The options are similar to that of Black list calls. Refer “Black list calls” on page 52.

## Call filter settings

You can enable or disable the call filter settings.

- 1 On the Call filter screen, select **Call filter settings > OK**.  
**Enable black list:** rejects all incoming calls from numbers in the black list.  
**Enable white list:** allows incoming calls from numbers listed in the white list, and rejects incoming calls from numbers that are not available in the list.  
**Close filter:** disallows filtering of incoming calls.

## Other call settings

- **Minute reminder:** when enabled prompts you at the 50th second of every minute during a conversation.  
Select **Menu > Settings > Call settings > Minute reminder > On.**
- **Send ID:** when enabled displays your ID to the recipient when you call or send a message. However this service must be supported by your network.  
1 To enable this option, select **Menu > Settings > Call settings > Send ID > OK.**  
2 To view whether the option is enabled or not, select **Status > OK.**

## Review call information

- 1 **Select Menu > Call list > Call meters > OK.**  
The following options are available:
- **Last call:** displays the duration of the last call.
- **Last GPRS call:** displays the transmitted bytes of the last GPRS service.
- **Call timer:** displays the duration of all the incoming or outgoing calls. Select **Reset Timer > OK** to restart the counter or meter.
- **Display cost:** if enabled, displays the duration and charges of the call. Disabled mode is the default mode.
- If you want to enable this function, you need to acquire a PIN2 code from your network operator.
- **Accum. charges:** this service is only available when

your SIM card contains charging information. Use this service to configure or view all charge information related to your calls.

The following can be configured:

<b>Show cost</b>	Displays total charges of all outgoing and incoming calls since the last reset.
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<b>Reset charge count</b>	Resets the counter to zero (protected by PIN2 code).
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<b>Show balance</b>	Displays available balance.
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<b>Show limit</b>	Displays maximum limit available.
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<b>Cancel limit</b>	Cancels maximum limit available on charges (protected by PIN2 code).
---------------------	--

<b>Set limit</b>	Sets maximum limit for charges (protected by PIN2 code).
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If the charges exceed the maximum limit, you cannot make or receive calls. All chargeable calls will be disconnected automatically.

- **Call tariff:** displays the rate per call unit. This information is stored in the SIM card. You can also reset and set the rate.

# MESSAGES

SMS is a convenient and inexpensive means of communication. You can send a text message to other people via this service. You can use the SMS menu in your phone to send an SMS message to other mobile phones or any other equipment that can receive SMS.

To access the SMS function select **Menu > Messages > SMS**. The list of options is displayed.

## Message settings

- I To view or define settings for your messages select **Menu > Messages > SMS > Settings > OK**.  
OR  
Press the **Right navigation key** as a shortcut to the Messages menu.
- **Service number:** is provided by your service provider. This is the message centre number via which your messages are sent and received. This field can be edited. Messages cannot be sent if this field is left blank.
- **Status report:** enable this option to get a delivery confirmation for the messages you send. Use the **Menu** key to select the option and select **OK**. However, this option will be temporarily turned off when a long message is sent, for example a 4-page SMS.
- **Reply path:** if this option is enabled, messages that are sent to your inbox will be sent via your service centre rather than the sender's service centre. Use the **Menu** key



to select the option and select **OK**.

- **Signature:** enable this option to set a signature that will be suffixed to your sent messages. Use the **Menu** key to select the option and select **OK**. Enter the signature and select **Save**. If your message exceeds the maximum number of characters, the signature automatically gets omitted from your message.
- **Validity period:** sets the period to store your messages in the message centre. Use the navigation keys to choose the period. On expiry of the specified period the messages are erased from the assigned memory.
- **Memory:** enables you to choose the location in which you can store the messages. The messages could either be stored in the SIM card memory or the Mobile phone memory.

## Text input mode

When you enter text, the input mode is displayed at the top right of the screen. Press and release the **#** key to view the different text input modes, such as, Conventional (Abc), Predictive (T9) and numeric (123).

## Conventional text input

The traditional mode uses the multi-tap method to enter a character

- 1 To choose the input text for a character (abc / en T9 / 123), press and release the **#** key.
- 2 To switch between upper case, lower case or sentence case, use key **0**. When the sentence case is used, the letter which comes immediately after the characters full stop (.),

exclamation mark (!) and question mark (?) automatically becomes capital.

- 3** To enter a character, press the numeric key repeatedly until the desired character appears on the screen. For example, to enter GOOD, in the text mode, press **4** once to display G, press **6** thrice to display O, and again press **6** thrice to display O and press **3** once to display D.
- 4** When editing text, to insert a space between characters or words, press **1**.
- 5** To erase a character select **Clear**.
- 6** To insert special characters, press \* to display the first batch of special characters and press either the **Right** or **Down navigation key** to display the second and third batch of special characters. A numeric key is associated with a special character. Press the designated numeric key to enter the special character. For example, in batch one press **1** to display a period and in batch **2**, press **1** to display open parenthesis '('.

### Predictive text input

Converse to the Conventional mode, the Predictive text input mode requires you to press once a numeric key that has the letter you require.

- 1** To choose the Predictive text input mode, press and release the **#** key till enT9 is displayed.
- 2** To enter a word, press the numeric key with the required alphabet for the word you are creating, just once. For example, to enter GOD, press keys **4**, **6** and **3** only once. Intuitively the word GOD is displayed in the text strip.
- 3** If the word you require is not displayed, use the navigation

keys to locate the right word. If not you can choose the nearest word and build on it.

- 4 When the desired word is displayed, select **Select** or press Key I , to accept the word and display it in the text pane.
- 5 To display the word along with a dot press key I twice.
- 6 Go on and enter the next word.
- 7 To insert special characters, press \* to display them. For more information refer point 6 of “Conventional text input” on page 57.

## Write messages

- 1 To create a message select **Menu > Messages > SMS > Write message > OK**.
- 2 Enter the number and press the Down navigation key to move to the text pane  
OR  
Select a number from the Phone book list by pressing the **Menu** key or selecting **Option > Phonebk**. Scroll to and select the contact by pressing the **Menu** key, Select **Exit** to return to the text pane. The contact address is displayed in the To field.
- 3 Enter the message in the text pane. The text input mode is displayed at the top right of the screen. Press and release # to choose the appropriate text input mode.
- 4 After entering your message, press the **Menu** key **Send now > OK** to send the message.  
Alternatively select **Option > Send now ... > OK** to send your message. Other options include:
  - **Send & save:** Sends the message and saves a copy of the

message.

- **Save:** saves the message in the memory.
- **Save as user defined:** saves the created message as a user defined SMS for reuse.
- **Add icon:** adds an emoticon in your message.
- **Insert defined SMS:** enables you to insert a predefined SMS message from the Defined message list.

## Send an SMS via phone book

You can send an SMS message either from the Search option or the View list option in the Phone book.

- 1 To search for a phone number, on the home screen select **Phonebk > Search > OK**.  
OR  
Select **Phonebk > View list > OK**.
- 2 If the Search option is selected, enter the phone number or the contact name and select **OK**. Press **#** to switch between numeric and text input modes.
- 3 Choose the contact you want to call and select **Option > Send SMS > OK**.
- 4 Enter the message and select **Option**. Choose an SMS option and select **OK** to send your message.

## Manage your messages - Inbox

The Inbox stores and displays all the incoming messages.

- 1 To access the Inbox select **Menu > Messages > SMS > Inbox > OK**. The Inbox displays a list of senders.
- 2 To straight away delete a message or all the messages, select **Option > Delete** or **Delete all** respectively.

- 3 To open a message, scroll to a message and press the **Menu** key.
- 4 After a message is opened other functions can be performed. Select **Option** to list the options.
  - **Reply:** sends a response to the sender of the message.
  - **Forward:** sends a message to another recipient. Select **Option > Phonebk** to select a recipient from the phone book list. Select **Option > Group** to select multiple recipients.
  - **Delete:** deletes a message after you have read it.
  - **Dial:** calls the number of the sender.
  - **Save number:** Adds the sender's number and saves it after you have entered the sender's name in the Phone book list.
  - **Move to phone:** moves the caller's number to the Phone book if the message is stored in the SIM card memory.

## Unsent messages

Messages that have been saved to be sent later or messages that fail during transmission are stored in Unsent messages.

- 1 To access Unsent messages select **Menu > Messages > SMS > Unsent messages > OK**.
- 2 Select **Option** to display the delete options.
- 3 Press the **Menu** key to view the message.
- 4 Press the **Menu** key > **Option > Send now...** to send the message.
- You can also Forward an unsent message.

## Sent messages

Transmitted messages are stored in Sent messages folder.

- 1 To access sent messages select **Menu > Messages > SMS > Sent messages > OK.**
- 2 Select **Option** to display the delete options.
- 3 Press the **Menu** key to view the message.
- 4 Press the **Menu** key > **Option** > **Send now...** to resend the message.
- You can also Forward a Sent message.

## Predefined SMS messages

You can customise and store up to a maximum of 10 SMS messages in the SIM card memory. The phone book memory can store a larger number of predefined SMS messages.

- 1 Select **Menu > Messages > SMS > User define SMS > OK.**
- 2 Enter a message and select **Save.**

## View SMS memory

- 1 To view the memory capacity for SMS messages select **Menu > Messages > SMS > Capacity > OK.**

## SMS broadcasts

You can receive a variety of text messages, such as news and traffic information, broadcast by your network. These messages are provided to all users in a certain cell. If you have subscribed to this service, your network will provide you the available channel numbers.

## Receive SMS broadcasts

To receive or stop broadcast messages, you can choose to enable or disable Cell Broadcast (CB) service.

- 1 To receive broadcast messages select **Menu > Messages > SMS > scroll to Broadcast SMS > Reception > On > OK**. Choose **Off** to stop this service.

New cell broadcast messages are directly shown on your standby display, until you press any key. Broadcast SMS messages cannot be stored in your phone or SIM card, and thus cannot be viewed again.



If the Broadcast SMS option is enabled, the battery standby time in your phone will be reduced.

## Channel lists

You can add a new topic or channel number, which is a new broadcast type, into your Topic list. A topic code number can consist of 3 digits only.

- 1 To add a topic select **Menu > Messages > SMS > scroll to Broadcast SMS > Topics > OK > Add > OK**.
- 2 Enter the code (a maximum of three characters) provided by the service provider and select **OK**.
- 3 To change an existing topic code, on the Topics screen, choose a topic code and select **Option > Change > OK**. Change the code number and select **OK**.
- 4 To delete an existing topic, on the Topics screen, choose a topic code and select **Option > Delete > OK**.

## Voice mail

Your incoming calls can be forwarded to your voice mail. Callers will be prompted to leave a message for you. This feature requires you to enter a voice mail number which is provided by your service provider.

- 1 To set voice mail number select **Menu > Messages > Voice mail > Voice mail number > OK**. Enter the number provided by your service provider. This number should be used when you want to listen to your stored voice mail messages.
- 2 When you need to listen to your incoming voice mail messages, select **Menu > Messages > Voice mail > Call voice mail > OK**. Enter your voice mail number and select Call. You are connected to your mailbox where you can hear the stored voice mails messages.



# TOOLS

## Organiser

The Organiser has a calendar to enable you to set appointments, create appropriate notes, schedule reminders when required, set alerts and repeat specific settings.

Tasks can be viewed on a daily, weekly and monthly basis.

- 1 To access the Organiser and its associated functions, select **Menu > Tools > Organiser > OK**. The calendar for the current month is displayed. Use the navigation keys to navigate across months.
- 2 Select Option to view the list of options available.
  - **New:** create new entries under meeting or memo categories. You can set the date, time, duration, reminder and so on for a meeting/memo.
  - **Check (this month):** list all tasks for the current month.
  - **Check all:** display the entire list of tasks.
  - **Delete all:** remove the entire list of tasks from the memory.
  - **Delete passed:** remove all elapsed entries.
  - **Capacity:** display the memory capacity and the memory percentage used, in proportion to what is available. A maximum of 30 entries can be stored.
  - **Weekly:** display the current week's status.

## Create new event entries

You can create two types of event entries.

**Meeting:** set the date and time for a meeting.

- Choose a date on the calendar and select **Option > New > Meeting > OK** or alternatively, choose a date and press the **Menu key > select > New > Meeting > OK**.
- Set the Date, Start and End time of the meeting.
- Specify a note related to the meeting, for example, enter the name of the person you wish to meet or talk to.
- Set the Alert type, for example, 10 min. before.
- Set the Repeat Method or frequency of the meeting if required, for example, Weekly.

**Memo:** multiple memo entries can be set for a day.

- Choose a date on the calendar and select **Option > New > Memo > OK**.
- Select the Date and Time of creating the memo.

The other options are similar to that of creating meeting entries.



If **No reminder** is selected as the Alert type, you will not be prompted, but the entry remains in the memory until it is deleted.

## Edit organiser entries

- 1 Select **Menu > Tools > Organiser**.
- 2 Scroll to a date and press the Menu key to display the list of entries.
- 3 Choose an entry (either meeting or memo) and select **Option > Change**.

## Delete entries

You can delete one entry at a time or all entries simultaneously.

- 1 To delete entries collectively, select **Menu > Tools > Organiser > Option > Delete all.**
- 2 To delete entries separately, select **Menu > Tools > Organiser.** Scroll to a date and press the Menu key. Scroll to an entry and select **Option > Delete.**

## Alarm clock

Select **Menu > Tools > Alarm clock > OK.**

You can set three alarms on this phone.

- 1 To set an alarm, on the Alarm settings screen, select **On** to select an alarm item.
- 2 Enter the alarm time and specify the frequency of the alarm, for example, Everyday and select **OK.**
- 3 To set the alarm tone, scroll to Ringer settings and select **On > Standard tunes** or **Own melodies > OK.**
- 4 To disable the alarm, on the Alarm settings screen, scroll to an alarm item and select **> Off.**

## Calculator

The calculator in this phone is designed to perform simple mathematical calculations.

- 1 Select **Menu > Tools > Calculator > OK.**
- 2 To enter the numbers, press the numeric keys
- 3 To use mathematical operators use the navigation keys.

**Navigation Key****Operator**

Up	* (Multiply)
Down	/ (Divide)
Left	+ (Add)
Right	- (Subtract)

- 4** After performing the calculations, press the Menu key for the final result.
- 5** Select **Option** to display further options.

**Options****Explanation**

CE - Clear	Enables you to clear and re-enter a number.
MC - Memory Clear	Clears number from the memory.
MR - Memory Read	Reads the number from the memory.
MS - Memory Store	Stores the entered number in the memory.
M+ - Memory Plus	Adds a number to the number in the memory and stores the result in the memory.
Exit	Quit the menu.



This phone accepts numbers up to a maximum of 10 digits per entry.

## Audio recorder

Select **Menu > Tools > Audio recorder > OK.**

- 1** To record an audio file, on the Audio recorder screen select **Record**.
- 2** Select **Pause** to temporarily stop the recording.
- 3** Select **Retrieve** to continue with the recording.
- 4** Select **Stop** to end the recording.
- 5** Select **Exit** to revert to the previous menu.

The recorded audio file is stored under My files. For more information refer “Manage your files” on page 76

## Audio playback

To listen to a recorded audio file, select **Menu > My files > Sounds > Own melodies > OK.** The speaker is turned on automatically and you can hear the recording.

## Bluetooth™

Blue tooth is a wireless connection that enables devices to exchange information. Devices within a range of 10 meters can be connected wireless using Bluetooth™ technology.

JCB™ TOUGHPHONE™ is compliant with Bluetooth™ specification 1.2 supporting the following profiles: Headset profile, Hands free profile, Object push profile, Dial up networking profile, Serial port profile. This device can send images and audio files using Bluetooth™ connection.



There may be restrictions on using Bluetooth™ technology in some locations. Check with your local authorities or service provider.

## Activate Bluetooth™

- I Select **Menu > Tools > Bluetooth > Activate**.  
When the Bluetooth™ is activated, Bluetooth™ icon is displayed on the home screen.

## Deactivate Bluetooth™

- I Select **Menu > Tools > Bluetooth > Deactivate**.

## Bluetooth™ Settings

The following table describes the settings available for Bluetooth™.

Type	Function
Change Name	Select this option to change the name of your device.
Hide/Visible	Use this as a toggle option to select <b>Hide</b> or <b>Visible</b> . Select <b>Visible</b> to show your presence to other devices. Select <b>Hide</b> to hide your presence from other devices.
Service provided	Select this option to view the services provided for this device.



Keep the Bluetooth™ connectivity in deactivate mode if you are not using it.

## Pair devices

- 1 Select **Menu > Tools > Bluetooth > All devices.**
- 2 Select **Scan More...** to view the list of devices within a range of 10 metres with Bluetooth™ connectivity.
- 3 Select the device of your choice.
- 4 Select **OK.**
- 5 Enter the pin code '0000' in the Enter pin code screen.  
The same Pin code must be entered to the other device.
- 6 Select **OK.**
- 7 When the other device accepts your request the message **Pairing done** is displayed on the screen.
- 8 When the other device rejects your request the message **Pairing failed** is displayed on the screen.



Do not pair with an unknown device for security reasons.

## Connect a Bluetooth™ Headset

You can connect a Bluetooth™ headset after pairing it with your device.

- 1 Select **Menu > Tools > Bluetooth > All devices.**
- 2 Select the paired Bluetooth™ headset.
- 3 Select **Option > Connect.**

## Rename Paired device

- 1 Select **Menu > Tools > Bluetooth > All device.**
- 2 Select **Option > Rename.**
- 3 Enter a new name in the field.
- 4 Select **OK.**

## Delete Pairing

- 1 Select **Menu > Tools > Bluetooth > All device.**
- 2 Select the paired device to be deleted.
- 3 Select **Options > Delete.**



If you cancel the pairing with a device that is connected, pairing is removed and the connection is switched off immediately.

## Send Data

You can connect several Bluetooth™ devices at a time. If you are connected to a headset, you can also transfer the files to another compatible device at the same time.

- 1 Select **Menu> My files.**
- 2 To send an audio file, Select **Sounds > Own Melodies.**
- 3 To send an image, Select **Pictures > Own Pictures.**
- 4 Select the file you want to send.
- 5 Select **Option > Send by Bluetooth.**
- 6 Select the paired device to which you want to send the file.



**All device** screen normally displays the paired devices. To send a data to an unpaired device, Select **ScanMore...>** select the unpaired device of your choice. Enter the pin code when you are asked to enter. For more information refer “Pair devices” on page 71.



- 7 When the other device accepts your file, the message **Object sent** is displayed on the screen.
- 8 When the other device rejects the file, the message **connection failed** is displayed on the screen.



JCB™ TOUGHPHONE™ supports audio formats such as .mid/.amr/.wav/.mp3/.aac and image formats such as .jpg/.bmp/.wbmp.

## Receive data

To receive data using Bluetooth™, your device should be Bluetooth™ activated and must be visible to other devices. For more information, refer “Activate Bluetooth™” on page 70 and refer Hide/Visible in the section “Bluetooth™ Settings” on page 70.

- 1 When you receive a data, you are asked if you want to accept it.
  - 2 Select **Accept** to receive data.
  - 3 Select **Reject** to refuse the data.
- If you accept, the data is placed in the **My files** folder.

## Stopwatch

- 1 Select **Menu > Tools > Stopwatch > OK**.
- 2 To trigger the timer, on the Stopwatch screen, select **Start**. The counter begins running.
- 3 To stop the counter select **Pause**. To continue select **Go**.
- 4 To reset the counter select **Clear**.
- 5 To record a reading, press the Menu key while the counter is running. A maximum of six readings are displayed.
- 6 Select Exit to revert to Tools.

## Count-down timer

This function is helpful when you need to be reminded of a specific event or you want to time a particular task.

- 1 Select **Menu > Tools > Count-down timer > On > OK**.
- 2 Specify the time when you need to be reminded in terms of hours and minutes. The maximum time you can set is 23 hours and 59 minutes (23:59) and the minimum is one minute (00:01).
- 3 When the count-down is completed, the alarm rings.

## Universal time

You can view the time of major cities in different time zones using this function and set the time on your phone to a selected time zone. You also have the option to use Daylight Saving Time (DST).

The local time is displayed in the lower half of the screen while the universal time is displayed in the upper half of the screen. Use the navigation keys to peruse various time zones.

- 1 To view the universal time, select **Menu > Tools > Universal time > OK**.
- 2 To set your local time, navigate to a specific Universal time and select **Option > Set as local > OK**. For example, navigate to San Francisco and set it as the local time.
- 3 To set Daylight Saving Time, select **Option > Daylight saving option > On > OK**. The symbol of the sun is displayed beside the name of the city signifying DST option is on.
- 4 To view the time at different cities on different longitudes and latitudes, use the navigation keys. The time corresponding to the city is displayed beside the name of the city.

# PERSONALISE YOUR PHONE

You can customise ring tones, alerts and alarms on your phone for different environments.

- I Select **Menu > Quick settings**.  
There are four environment profiles present in this phone. Normal is the default profile, while the other profiles are Silent, Meeting, Outdoors and Use in car.



You can only change the parameters for the Normal mode.

- **Normal:** This is the default profile wherein all sounds are enabled. Parameters in this mode can be changed. You can change the name of this profile, select **Menu > Quick settings > Normal > Change name**. To personalize the ring tones in your phone, select **Normal > Personalise > OK**. You can choose Ringtones or the Vibrate mode for various alerts.
- **Sound settings:** You can set Ringtones or the Vibrate mode for alerts such as: Call alert, Alarm alert, Organiser alert, SMS alert.  
You can set the ringer volume for GSM calls, alarms and alerts.  
For other settings such as Key tone, Connect alert and Battery alert, select the appropriate checkbox using the **Menu** key and activate the function.

- **Silent:** mutes all sounds in the phone. To disable all sounds, select **Silent > On**. Alternatively, press and hold the **#** key when the phone is in standby mode. Select **View** to see the list of alerts that will be disabled.
- **Meeting:** enables the Vibrate mode for all alerts. To activate this mode, select **Meeting > On**. Select **View** to see the list of alerts that are available in this mode.
- **Outdoors:** enables the ringtone and vibrate mode simultaneously for all alerts. To activate this mode, select **Outdoors > On**. Select **View** to see the list of alerts that are available in this mode.
- **Use in car:** enables all sounds and is almost similar to the Normal settings except that the Connect Alert is disabled. To activate this mode, select **Use in car > On**. Select **View** to see the list of alerts that are enabled.

## Themes

You can choose from the existing colour themes available on your phone. For more information refer “Phone settings” on page 34.

## Manage your files

Using the My files menu, you can store and manage audio files and pictures. You can Preview the files, view their details and Delete files. The maximum storage capacity is 9000kb.

- 1 To view your files select **Menu > My files**.
- 2 Scroll to a category and select either **Pictures** or **Sounds** and select **OK**.

**3** For pictures select Embedded pictures or Own pictures, that you would have downloaded via WAP. For sounds select Standard tunes or Own melodies that you would have downloaded or recorded. For more information refer, "Audio recorder" on page 69.

**4** Scroll to file from the displayed list and select **Option** to display further options.

For pictures, you can preview a picture, set it as a wallpaper and see more details about the picture.

For sounds, you can set a particular sound as your ringer tone and see the details of the file.

### **SIM card menu**

You can access certain services provided by the operator using this menu.

## WAP

This mobile phone has an internal WAP browser that allows you to browse contents of various WAP websites on the Internet.

This facility is made available only if you subscribe to a data service from your network operator for Internet access. You need to consult your local operator for more details.

Configure the WAP when you use it for the first time. Some WAP parameters on your phone have already been set to a specific network operator. If you utilise the services of the same network operator you can directly operate the WAP service with the available configuration. If not, you need to reconfigure the settings.



If you are unable to view WAP web pages because your network operator changed its WAP parameters or the Internet Content Provider (ICP) changed its WAP web address or contents, please consult your network operator and ICP for updates.

I      Select **Menu > WAP > OK**.

The following sub menu is displayed:

**Homepage:** This is the page that is displayed first when you open the WAP browser.

**Bookmarks:** Use this menu to add and manage your bookmarks and go directly to the corresponding web address. You can also edit or delete bookmarks via this menu

**Resume:** You can view web pages from where you last left off.

Access the web pages you visited last via this menu. Select the Back and Forward options to move between web pages.

**Enter address:** You can enter a web address directly and browse using this menu.

**Settings:** The following configurations can be set via this menu:

**Select profile:** In this menu, existing profiles are listed on the display. Scroll to the required profile and select **OK**.

**Edit homepage:** You can edit the web address of your homepage. Specify a Title and the Web Address.

**Connection:** Specify the connection sustains for WAP. Select a Network account from the list, enter the Proxy address of the proxy server, select the Connection type and enter the Port of a proxy server.

**Browser options:** If web pages contain pictures, you can choose whether to show these pictures in this menu by selecting the option Show images. If you choose the Enable refresh option in this menu the web pages get refreshed.

**Rename profile:** Specify a name for the selected profile in this menu. The maximum length of the name is 40 characters.

**Cache:** This is a storage mechanism provided in the phone. You can choose to enable the cache mode or clear the cache memory.

**Cookies:** Cookies are used when the web browser requests for a page from the web server. You can Enable or Clear cookies via this menu.

**Push inbox:** WAP Push mechanism is used by operators and certain web portals to send data such as configuration, ring tones and wallpapers. You can configure support for this feature and view the received messages in this menu.

## END USER LICENCE AGREEMENT

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## Our warranty

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## What we will do

If, during the warranty period, this Product fails to operate under normal use and service, due to defects in design, materials or workmanship, Sonim will, at their option, either repair or replace the Product in accordance with the terms and conditions stipulated herein. Sonim and its service partners reserve the right to charge a handling fee if a returned Product is found not to be under warranty according to the conditions below. Please note that all of your personal settings, downloads or other information will be lost when your Sonim Product is repaired or replaced. Sonim does not take any responsibility for any lost information of any kind and will not reimburse you for any such loss. You should always make backup copies of all the information stored on your Sonim Product such as downloads, calendar and contacts before handing in your JCB Product for repair or replacement.

## Conditions

- 1** The warranty is valid only if the original proof of purchase issued to the original purchaser by a Sonim authorised dealer, specifying the date of purchase and serial number for this Product, is presented with the Product to be repaired or replaced. Sonim reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
- 2** If Sonim replaces the Product, the replaced Product shall be warranted for the remaining time of the original warranty period or for three (3) years from the date of original purchase.
- 3** This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with the Sonim instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, software or hardware modification or adjustment, acts of God or damage resulting from liquid interacting with the product beyond what is described as acceptable in the user guide for the product. A rechargeable battery can be charged and discharged hundreds of times. However, it will eventually wear out - this is not a defect. When the talk-time or standby time is noticeably shorter, it is time to replace your battery. Sonim recommends that you use only batteries and chargers approved by Sonim. Minor variations in display brightness and colour may occur between phones. There may be tiny bright or dark dots on the display. These are called defective

pixels and occur when individual dots have malfunctioned and can not be adjusted. Several defective pixels are deemed acceptable.

- 4** This warranty does not cover Product failures caused by installations, modifications, or repair or opening of the Product performed by a non-Sonim authorised person. Tampering with any of the seals on the Product will void the warranty.
- 5** The warranty does not cover Product failures which have been caused by use of accessories or other peripheral devices which are not Sonim branded original accessories intended for use with the Product.
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## A

**alpha-numeric** 23

**audio**

- own melodies 33, 69, 77
- playback 33
- recorder 69
- standard tunes 33, 77

**auto power on** 34

## B

**battery**

- alert 20
- bars 19
- charge 18
- charge icon 19
- charge indicator 19
- cover 18, 20
- information 17
- insert 18

## C

**call accept/send key** 23

**call barring**

- cancel 49
- status 49

**call information**

- accum. charges 54

call meters 54

cost 55

last call 54

last GPRS call 54

**channel lists** 63

**contact**

- copy 42
- create 39
- delete 41
- edit 41

## G

**GPRS** 31, 35, 37

**GSM**

- dial 24
- IP dial 24
- IP Handsfree 24
- send phone number 24

## K

**keypad**

- accept/send 23
- end call 23
- function keys 22
- navigation keys 25
- numeric keys 23
- power on/off 23

## M

**meeting mode** 76

**message settings**

- memory 57
- reply path 56
- service number 56
- signature 57
- status report 56
- validity period 57

**messages**

- conventional text 57
- delete 60
- forward 61
- inbox 60
- predictive text 58
- reply 61
- sent 61
- settings 56
- text input mode 57
- unsent 61
- via phone book 60
- write 59

**missed calls list** 46

## N

**navigation arrow keys** 23

## O

**OMA I**

**organiser**

- capacity 65
- check 65
- create new event 66
- delete 67
- edit 66
- meeting 66
- memo 66
- new 65
- weekly 65

**outdoors mode** 76

**outgoing calls list** 46

## P

**personalise** 63

- backlight 35
- color theme 34
- idle screen 34
- languages 34
- ringer tone 33
- wallpaper 34
- welcome text 34

**phone calls**

- call barring 49
- call filter 52
- call information 54
- call waiting 52

- forward 48
- receive 48
- speed dial 47

## **phone settings**

- auto answer 51
- auto redial 51
- call timer 54
- minute reminder 54
- send ID 54

## **R**

**receive SMS broadcasts** 63

## **S**

**safety guidelines** 12

**settings**

- date and time 26
- network 35
- phone 33
- ringer 33
- security 26
- silent mode 76

**side keys** 23

## **SIM card**

- insert 20
- operations 21
- remove 21

**SIM card menu** 77

## **SMS**

- memory 62

- predefined 62
- send 60

## **T**

**themes** 76

## **U**

**universal time**

- daylight saving time 74
- local 74

**use in car mode** 76

## **V**

**voice mail** 63

## **W**

## **WAP**

- address 79
- bookmarks 78
- browser options 79
- cache 79
- connection 79
- cookies 79
- homepage 78
- profile 79
- push inbox 79
- resume 78
- settings 79



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