

TELSTRA TOUGH T90

Built tough for your next adventure

USER MANUAL



Telstra T90

HSDPA Multi band 3G Mobile Phone

User Manual

PC Software Requirements

Join Me PC Software included supports Windows 7, Vista (32 and 64 bit) and Windows XP with Service Pack 2 & 3 only.

A limited version of Join Me is supplied that supports MAC OS 10.5 and above

Warnings and Safety Notices

Please read all the safety notices before using this device.

Do not use the phone at a service station. Do not use near fuel or chemicals.

Do not transport or store flammable gas, liquid or explosives in the same compartment of your vehicle as your mobile phone and accessories.

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Liquid Damage - Important Note

Your T90 ruggedised handset is compliant with IP54 standard which provides limited protection against dust and liquid ingress. It is **not** waterproof and should not be immersed in any liquid. The handset contains liquid detecting stickers and any liquid ingress will void your warranty. To ensure protection against liquid ingress the battery cover, antenna port cover and USB port cover must be properly closed.

RF Safety Information

The handset has an internal antenna located at the top of the phone. For optimum performance with minimum power consumption do not cover the antenna area with your hand. Hold the handset between thumb and finger in the middle of the device. Covering the antenna affects call quality, may cause the handset to operate at higher power level than needed, and may shorten talk and idle times.

Radio Frequency Energy

The handset is a low-power radio transmitter and receiver. When switched on it intermittently transmits radio frequency (RF) energy (radio waves). The transmit power level is optimized for best performance and automatically reduces when there is good quality reception. Maximum power is only used at the edge of network coverage so under most circumstances the power output is very low. Under poor network conditions the phone transmits at a higher power, may get hot and have a significantly shorter battery life.

Declaration of Conformity - SAR (Specific Absorption Rate)

We declare under our sole responsibility that the product(s) detailed in this manual, and in combination with our accessories, conform with the essential requirements of The Radio Communications Standard (Electro-magnetic Radiation Human Exposure) 2003 and the Australian Communications and Media Authority Section 376 of the Telecommunications Act 1997.

1 Welcome

Congratulations on choosing the Telstra T90 handset. Please take a few minutes to read the user manual to help you get the most from your new mobile phone.

Operation	Quick Reference
Handset overview, keypad and information bar	Section 1 – Introduction
Making a call	Section 2 – Getting Started
Quick introduction to key features, Calls and SMS	Section 3 – Basic Operation
Store a list of contact names and phone numbers	Section 4 – Contacts
View calls received, dialled and missed	Section 5 – Calls
Text messages – sending and receiving	Section 6 – Messages & Emails
Personalise your phone, e.g. ringtone, screen saver	Section 7 – Personalise
Managing handset files and content	Section 8 – File Manager
Setting alarms and reminders	Section 9 – Alarms & Appointments
Using the camera – take photos, record a video	Section 10 – Imaging
FM radio, MP3's and access to music libraries	Section 11 – Music
Connecting to a PC to copy pictures and music	Section 12 – Connectivity
GPS and Assisted GPS	Section 13 – GPS & Assisted GPS
Calculator, Stopwatch and more	Section 14 – Other Facilities
Troubleshooting, Technical and Warranty info	Section 15 – Technical

1.1 Handset Overview

1

1. Camera for Video Calling
2. Display Viewable Display
3. Four way navigation controller -Arrow Keys(◀▶▲▼)
4. Left Soft Key (LSK)
5. Call Key, show Call History
6. Video Call Key
7. Keypad
8. Microphone
9. Clear Key *
10. End / Exit / Power Key
11. Right Soft Key (RSK)
12. OK Key
13. Speaker



* The **C key** is used to step back in menus and to clear text in text modes. In text edit mode press once for backspace, press and hold to clear all the text.

Handset Overview



Remember to close all the covers securely to maintain liquid protection.

1.2 How to use the manual

The following instructional format is used in the manual:

Instruction	Description
Press the Left Arrow t	Press the left directional key on the four way navigation controller
Press OK	Press the OK key in the centre of the four way navigation controller
Press the Right Soft Key	Press the  key just below the screen
Long press	Press and hold the key for 2 seconds
Menu > Tools	Go to the Main Menu (press OK) select Tools and press OK to open

- The functions for the **OK** and **Soft keys** change depending on where you are in the menu. The functions are always described at the bottom of the handset display.
- The **End** or **Exit** key  is used to exit the menus, **End** a Call and switch the phone **On** or **Off**. From within a sub-menu the **Exit** key takes you back to the main menu
- Long press the  key to switch the handset On and Off.
- The **C key** is used to step back in menus and to clear text in text modes. In text edit mode press once for backspace, press and hold to clear all the text.
- The  symbol shows usefultips.



Menu and setting choices on the handset are shown in **bold** text in the manual.

Quickly find the answer by checking the **Contents** at the front or the **Index** at the back.

There is a copy of the manual and quick start guide provided on your CD.

1.3 Keypad Functions



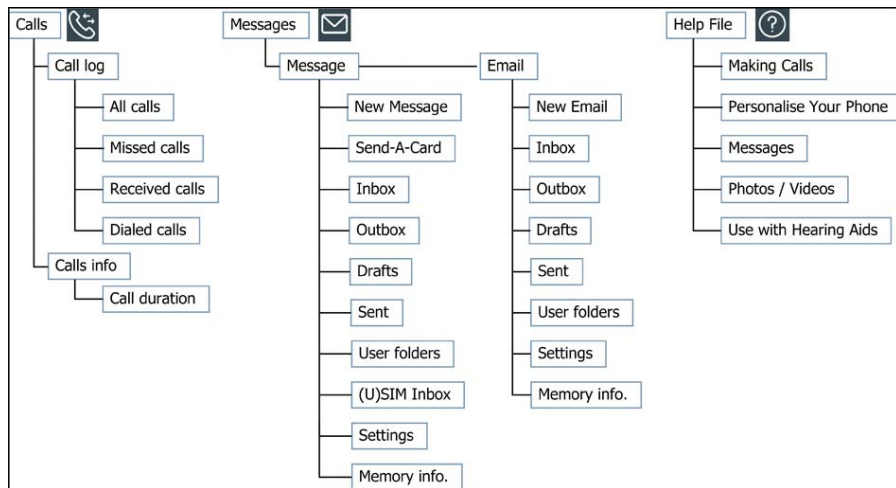
Key	Corresponding Functions
1	1 punctuation marks voicemail
2	2 abc ABC
3	3 def DEF
4	4 ghi GHI
5	5 jkl JKL
6	6 mno MNO
7	7 pqrs PQRS
8	8 tuv TUV
9	9 wxyz WXYZ
0	0 Space

Key	Corresponding Functions
*	Long press for keylock Special characters in text modes Press twice for the international prefix '+' Press three times for the pause character 'P'
#	Toggle text mode. Long press for Meeting Mode
 Call	Call a dialled or selected number View 'All Calls'. Last number redial
	End a call Exit a menu (return to the Main Menu)
End	Long press to power ON / OFF

1.4 Information Bar Icons

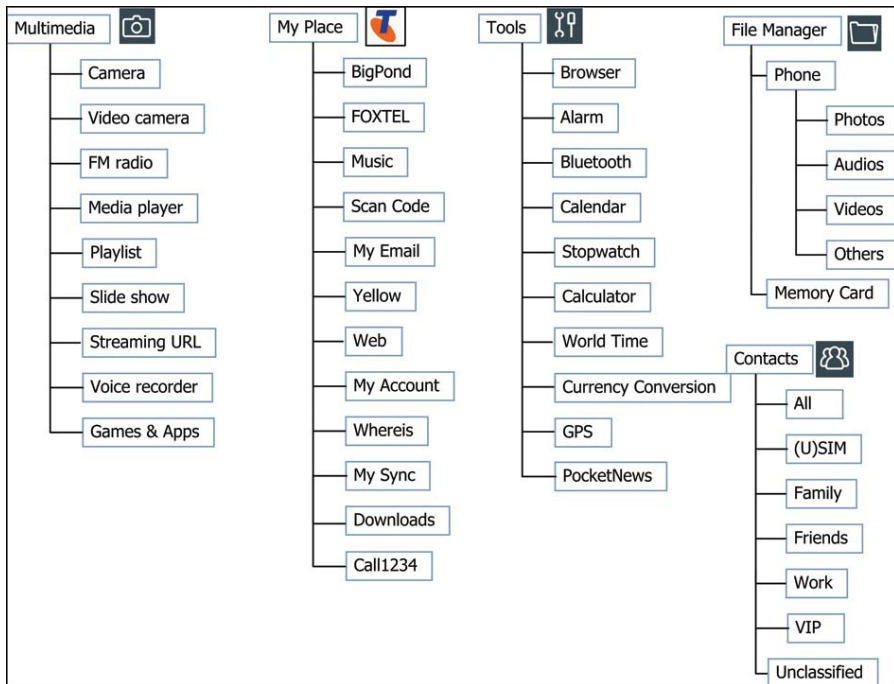
	3G Signal Strength		Battery Level Indicator
	GSM Signal Strength		Alarm is set
	New SMS Message		Missed Call
	SMS Memory is Full		Missed Video Call
	New MMS		Silent Mode
	MMS Memory is Full		Vibrate mode enabled
	New E-mail		Call Forward is Active
	E-mail Memory is Full		Data services available (PDP Context)
	New Wap Push Message		Data services in use (GPRS attached)
	Wap Push Message Memory is Full		High speed data active, HSDPA mode
	Headset and Vibrate Mode		Roaming
	Headset Mode		Car kit attached
	Bluetooth is ON		GPS ON

1.5 Menu Quick Reference Guide

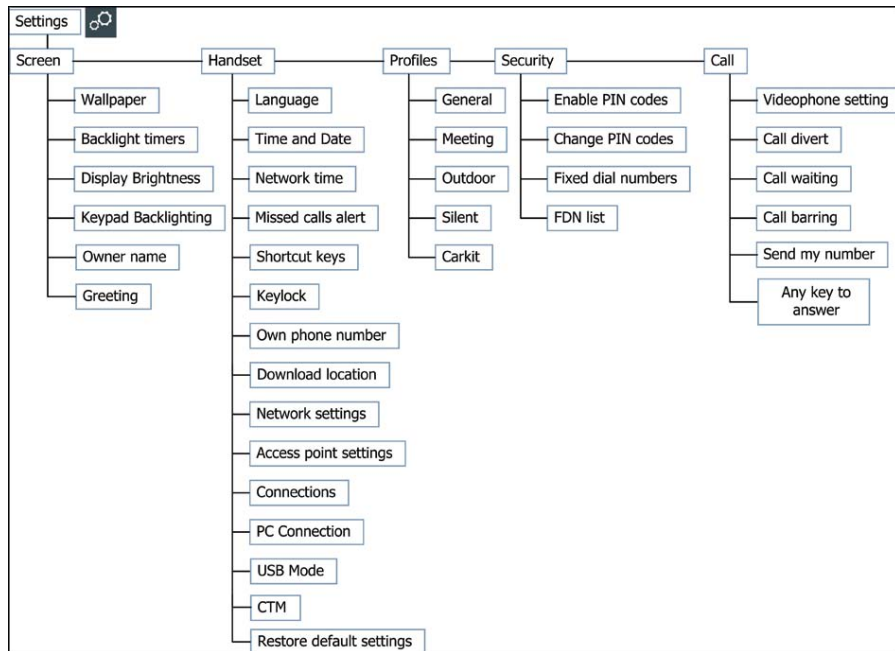


Menu Quick Reference Guide Continued...

1



Menu Quick Reference Guide Continued...



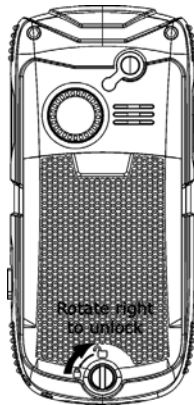
2 Getting Started

2

2.1 How do I remove the battery cover?

Rotate the locking screw to the right to unlock the battery cover.

Grasp the bottom of the cover and raise up to open.

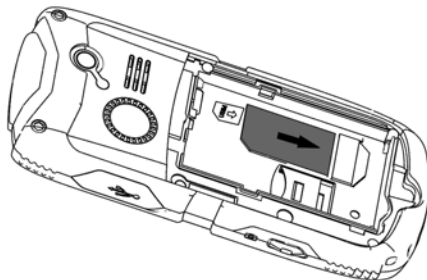


2.2 How do I insert the USIM Card?

The **USIM card** (UMTS Subscriber Interface Module) is the small plastic smart-card with gold contacts. It holds personal information such as names and phone numbers. It can be moved between different phones if required. **The USIM card must be inserted before using the handset.**

How do I insert the USIM card?

Insert the USIM card with the **gold contacts** facing **down** and the bevelled edge on the left hand side as shown. Carefully slide it under the metal bar observing the correct orientation.



Always handle the USIM card with care to avoid damage.

For best performance check you are using a Next G™ USIM card.

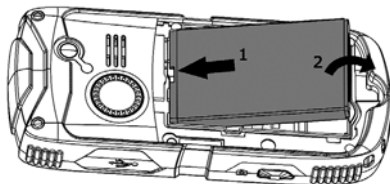
If your USIM card is faulty please contact your service provider.

If your handset displays:	
Enter Handset unlock code	The default code is 0000.
Enter (U)SIM PIN Code	Enter the PIN supplied with your SIM card.
No (U)SIM detected	Check the SIM is inserted correctly.
Enter PUK code	Contact your Service Provider.

2.3 How do I insert the Battery?

Insert the battery as shown with the contacts located against the gold springs. The battery will only fit one way.

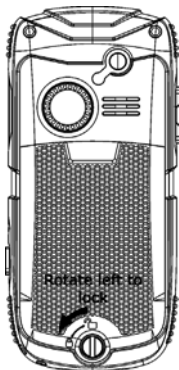
2



Close the case by locating the plastic cover securely then rotate the locking screw to the left to engage the back cover lock.



To maintain the dust and water protection it is important to close the covers securely. If you use a car kit or antenna patch lead remember to close the antenna port cover after use.



2.4 How do I switch the phone On or Off?

Press and hold the  key for **two seconds** to switch the phone **ON** or **OFF**. Enter (U) **SIM PIN code** - supplied with your USIM card. The **start up** screen below is referred to throughout the manual as the **Idle Screen**:

The Idle Screen:



← The Information bar

2.5 How do I connect the charger?

Charge before initial use. **The charger lead only fits one way.** The plug is marked with an arrow. **Always** insert the charger lead *carefully* with the **arrow facing the top** of the phone as shown:

Do **NOT** use excessive force which may damage the USB socket.

Physical damage to the USB port is **NOT** covered by warranty.

- The phone can also be charged by connecting it to a computer using the USB lead supplied.
- A sound is played when the charger or USB cable is inserted into the handset.
- If the phone is off after charging long press the End Key to switch it back on.



2.6 Tips about charging and battery life

- Only use the AC charger and USB lead supplied.
- Insert the charger lead **carefully** with the **arrow facing** the **top** of the phone.
- **Normal charge time is 3-4 hours.** Do not leave on charge for more than 24hrs.
- When not using the phone for long periods remove the battery.
- Charge the battery between 0°C~45°C. Charge the battery promptly when flat.
- With **poor network conditions** (less than 2 bars) **battery life is reduced.**
- To maximize battery life turn off Bluetooth when not in use and limit multimedia functions.
- Battery life is improved after a few charge / discharge cycles.
- The phone can be charged in the ON or OFF state. When the phone is OFF Charging Battery is displayed. When the phone is ON the battery icon animates until fully charged.
- If charging in the OFF state turn the phone ON by long pressing the  key.

2.7 How do I set the time and date?

The time and date is set automatically from the network. It takes a few seconds to update when the phone is first switched on. Select **12** or **24 hr** format in the **Network Time** menu. To manually set the time it is necessary to switch **Network Time off: Menu > Settings > Handset > Network Time > State Off** then set the time and date manually: **Menu > Settings > Handset > Time and date.**

2.8 How do I lock the keypad?

Manual keylock: Press and hold the *** key** then press the **Right Soft Key** to **Lock** or **Unlock** the handset.

Auto keylock: **Menu > Settings > Handset > Keylock** Set your desired time to lock the keypad. See 14.16

3 Basic Operation

3.1 How do I make a voice call?

3

- Enter the number on the keypad and press the  key to make the call.
- Press **OK** to activate **Speaker** (Handsfree) mode.
- Press the  key to end the call.

3.2 How do I answer an incoming call?

- Press  or **OK** to answer the call, **OK** to activate **Speaker** (Handsfree) mode.
- Press  or **Reject** to end the call.



If **Voicemail** is active pressing **Reject** forwards the call to **Voicemail**.

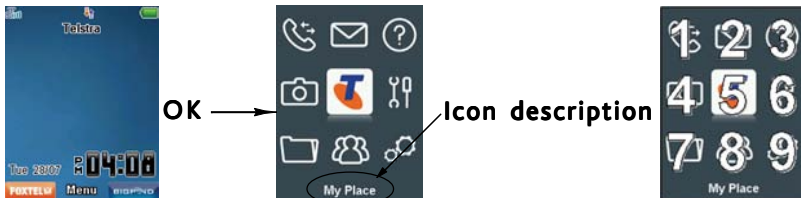
3.3 How do I send a Text Message (SMS)?

- Press the **Right Arrow** ► or press the **Left Soft Key** for **Messages**.
- Press **OK** for **New message**. Press **OK** for **Text message**.
- Enter the phone number directly or press **OK** to select from **Contacts (Cont.)**
- Select the **Contact** then press **OK** for **Done**. The **Contact** number is displayed, press **OK**
- Press the **Down Arrow** ▼ **twice** to move the cursor into the text field.
- Type the message using the letter keys on the keypad (see Chapter 6, Messages and Emails).
- Press the **OK** to send the message.

3.4 How do I navigate the Menu?

The **Main Menu** is a grid of icons that are used to access key features on the phone. From the **Idle Screen** press **OK** to access the **Main Menu**. Use the **Arrow Keys** ▲ ▼ ◀ ▶ to move the cursor or press the corresponding number key as shown on the grid below. Eg **Menu > 5 = My Place**.

The icons are described at the bottom of the screen.



Shortcuts

From the idle screen the **Arrow Keys** launch the default **Shortcuts** as shown:



To change default shortcuts: **Menu > Settings > tab right to Handset > Shortcut keys**.

From sleep mode (dark screen) press the key once to wake up the handset, press the key again to perform the required function.

4 Contacts

4.1 How do I enter my Contacts?

- From the **Idle Screen** enter the phone number on the keypad, press the **Left Soft Key** to **Save**.
- Press **OK** to create a **New Contact** or press the **Down Arrow ▼** to **Update existing contact**.
- Using the keypad, enter a **name** for the new **Contact** or modify an existing contact.
- Press **OK** to **Save**. The default save location is Phone. See **Options > Default Memory** to change.

4.2 How do I copy all Contacts from a USIM card?

All USIM Contacts are automatically read by the handset.

To copy **Contacts** into the handset memory follow the steps below:

- Insert the **USIM** card to **copy contacts** from. Switch the phone **on**.
- From the **idle screen** press the **Down Arrow ▼** for **Contacts**.
- Press the **Right Arrow ►** once for **USIM** to show the list of **Contacts** on the USIM card.
- Press the **Left Soft Key** for **Options** then use the **arrow keys** to select, **Copy > Copy all > OK > Yes** to confirm.

4.3 How do I search my Contacts?

From the **idle screen** press the **Down Arrow ▼** for **Contacts**. To find the **Contact** 'John' press the 5 key once for 'J'. All names starting with 'J' are displayed.

Refine the search by entering a subsequent letter that can occur anywhere in the name.

Eg. 'Jn' will find 'John' and 'Julian' but not 'James' whereas 'Ja' will find 'Julian' and 'James' but not 'John'.

4.4 How do I add a Contact from a received call number?

After **receiving a call** you can **add the caller's number** to the **Contacts** list:

- Press the  key to display **All Calls**.
- The last call received is at the top of the list.
- Press the **Left Soft Key** for **Options** > **Save** > **New Contact** or **Update** to modify a contact > **OK**.
- Enter or modify the contact details and press **OK** to **Save**.

4.5 How do I add a Contact from a received SMS (Text Message)?

Menu > **Messages** > **Inbox**

- Select the required message and press **OK** to **View**
- Press **Options** > **Use highlighted item** to save the number.
- Choose **New Contact** to create a new contact from the received SMS number.

4.6 How do I set a dedicated ringtone or image to a Contact?

The contact needs to be stored on the handset in order to set a dedicated ring or image. See 4.2 above.

Menu > Contacts (Shortcut = **Down Arrow ▼**)

- Use the **arrow keys ▲▼** to find the required contact (must be stored on the handset).
- Press **OK** to **View > Edit > Options > Add ring and photo**. Select the required feature.
- Press **Add** then navigate to the folder where the Ringtone or Picture is stored.
- Press **OK** to **Save** your choices when complete.

4

4.7 How do I set Speed Dial numbers?

Having **Speed Dials** set makes it quicker to call selected contacts.

Menu > Contacts > Select the Contact > Options > Scroll down ▼ > Speed Dial > Setup

- Assign the chosen contact to the next available number.
- **Speed dials 1, 2 and 3 are preset** and **cannot** be changed.
- Press the **OK Key** to **Setup** the speed dial or press the **Right soft Key** to cancel.
- Press the  key to exit when finished.

4.8 How do I make a call using Speed Dial?

- From the **Idle screen** **press and hold** the required number key to call that **Contact**.
- E.g. **Long press** the **1 key** to automatically dial the **MessageBank** (Voicemail) service.

4.9 How do I update an existing Contact?

- Edit the existing contact: **Menu > Contacts > View > Edit**. Press **Save** when finished.

4.10 Tips for Contacts



- **Contacts** are normally stored in the default Group, **Unclassified**.
- You can move contacts into other Groups: Family, Friends, Work, and VIP.
- Regardless of Group, all contacts on the handset are displayed under **All**.
- You can enter up to 20 characters in the name field for each contact.

4.11 Advanced Contact Options

Menu > Contacts > Options

Option	Description or subsequent options
New Contact	Create a new contact
Edit Contact	Edit the selected contact
Delete	Delete contact, Delete all (Phone), Delete all (USIM), Delete all (Both)
Copy	Copy to phone or (USIM) card, Copy all
Send Bus. Card	Send a business card via SMS, MMS, Email or Bluetooth
Default Memory	Default save location for contacts, USIM card or Phone
Service Dial number	Preset Voicemail and Video-mail message bank numbers
Speed Dial	Assign a speed dial to the selected contact
Manage Contacts	Set Group parameters (eg Ringtone and photo), Speed dial info and check the memory status

5 Calls

5.1 How do I make a Voice Call?

- Enter the **number** on the **keypad** and press the  key to make a voice call.
- Press **OK** to activate **Speaker** (Handsfree) mode.
- Press the  key to end the call.

5.2 How do I make a Voice Call from my Contacts?

- Press the **Down Arrow ▼** (default shortcut) for the **Contacts** menu.
- Search **Contacts** using the **letter keys** – eg. press 'J' to find John.
- Use the **Arrow Keys ▲▼** to scroll to the chosen contact.
- Press the  key to make the call.
- Press the  key to end the call.

5.3 How do I view and make a Voice Call from my Call History?

- Press the  key to bring up **All Calls**. Press  again for **Last Number Redial**.
- Use the **Arrow Keys ▲▼** to choose a number from the **All calls** list.
- Press the  key to make the call.
- Press the  key to end the call.

5.4 Call options during an active Voice Call

Press the **Left Soft Key** for **Options** during a voice call. Use the **End key** to return to the call menu.

5

Hold:	Puts the current call on hold
End call:	End the call
Record:	Record the incoming audio. The audio file is saved to the My Audios folder
DTMF Off/On:	Enable or disable sending DTMF tones. Default is ON
Message:	Switch to SMS interface during a call
Contacts:	Switch to Contacts interface during a call
Browser:	Launch the web browser

5.5 How do I activate Speakerphone?

Handsfree or **Speakerphone** mode is activated by pressing **OK (Speaker)** during a call.

5.6 How do I answer a Call?

- When you receive an incoming call the phone **rings, lights up** and **vibrates** depending on the current **profile** setting.
- An incoming **call notification** is displayed on the **screen**.
- Press  to answer or press **OK** to activate **Speaker** (Handsfree) mode.
- Press  to **Reject** the call.
- Pressing **Mute** will silence the **incoming ring** without answering the call. The other party hears ring tone until the call ends.

5.7 Tips for Calls

- To dial an **International number** press the **star key** twice for the **International Prefix '+'**
- To call a number received within a message **highlight** the number then **press** the **Call key** .
- The microphone is on the base of the handset. Be careful not to block it with your hands.
- During a call **change** the **volume** using the **side Volume keys**.
- **The number of rings before the phone diverts to Voicemail is set by your Service Provider.**
The default is 6 rings. Contact your Service Provider to change this setting.
- To enable international roaming please contact your Service Provider.

5.8 How to use the headphones (Personal Handsfree)

- The Personal Handsfree headphones include a microphone and a call switch to answer calls.
- Insert the headset carefully with the arrow facing the top of the phone. The headset icon comes on.
- Incoming ring only beeps in the headset when Meeting or Silent mode is enabled.
- In General mode the handset will ring but not the headset.
- When a call is received music playing is suspended and resumes after the call ends.
- The headset acts as the FM antenna and needs to be inserted to use the FM Radio.

5

5.9 How do I make a Video Call?

- 3G coverage is required to make and receive video calls.
- Enter the phone number using the keypad or from the Contacts list as already described.
- Press  to make a video call.
- Press the End key  to end the call.
- if the call is not successful you are asked if you want to try a voice call instead.

5.10 Call options during an active Video Call

Press the **Left Soft Key** for the following **Options** during a **video call**:

Hold/Retrieve	Send a still picture instead of your own image and the voice is muted
Start recording video	Record video from the other party (i.e. received video stream)
Block/Send my picture	Block / Send your own image to the other party
Use back/front camera	Select the back / front camera
Brightness	Adjust the brightness
Zoom	Change the magnification of your own image
PIP off/on	Hide or show your own picture on the local screen
Exchange PIP	Reverse the Picture in Picture display
New text message	Send SMS during a video call
Contacts	Switch to Contacts interface

5.11 How do I answer a Video Call?

3G coverage is required to make and receive video calls. If a video call is received when browsing or using multimedia functions, the browser, media player or FM radio is suspended.

When receiving an incoming Video call:

- When receiving an **incoming video call** the phone **rings, vibrates** and **illuminates** depending on the current **profile** setting.
- Press the Video call key  to accept the video call.
- Press the End key  to end the video call.

5

5.12 How do I make Emergency Calls?

To make an emergency call during normal use

- Ensure that the handset is **switched on** and **in service**.
- Press the  key repeatedly to return to the **Idle Screen**.
- Enter the emergency number for the present location using the keypad, (eg 000).
- Press the  key to call the number. Follow instructions received and do not end the call until told to do so.
- If the keypad is locked it is possible to dial the Emergency Numbers without having to unlock the keypad. **Press the numbers as required then press the Call key.**

Emergency calls can be made without a USIM Card (Phone PIN not required)

When the **USIM card** is not inserted or registered it is possible to dial the emergency services.

Enter the emergency number and press  or **OK** to make the call.



- Advise the operator which emergency service you require.
- Give your position and remain stationary to get the best coverage.
- Due to the nature of the cellular system the connection of emergency calls cannot be guaranteed.
- Never rely solely on any wireless device for essential communications ie. medical emergencies.
- The Emergency Number 112 is used internationally.

Advanced Call Settings

5.13 Videophone Settings

Menu > Settings > tab right to Call > Videophone setting

All the fields are preset by your carrier. Contact your Service Provider for more details.

5.14 Call Divert

Menu > Settings > tab right to Call > Call divert

5

This service enables incoming calls to be **diverted** to another number. Choose the **Call divert** function required from the menu list. Select the function to Activate, Deactivate or Check status.

5.15 Call Waiting

Menu > Settings > tab right to Call > Call Waiting

This feature allows an incoming call to be answered while already on a call. Answering the incoming call automatically places the first call on hold. The handset displays a table showing the **Active** call and the call on **Hold**.

If the *active* call is selected press **Options > Hold** to place this call on hold and retrieve the other call.

If the *on hold* call is selected press **Options > Retrieve** to retrieve it. The other call is placed on hold.

Press **Options** to switch calls between **Hold** and **Active**:

03991234xx	Active	Press Options > Hold to switch calls
03996543xx	Hold	Press Options > Active to switch calls

5.16 Call Barring

Menu > Settings > tab right to Call > Call barring

Call barring is a network feature and needs to be enabled on your account. The barring password is provided by your service provider. To obtain your PIN number contact your Service Provider.

5

All Outgoing	Calls cannot be made.
International Outgoing	International calls cannot be made.
International Outgoing (except to home country)	Restricts international calls except to your home country.
All Incoming	Calls cannot be received.
Incoming (when roaming)	Calls cannot be received when you are overseas.
Cancel all call barring	Cancels all barring settings.
Change password	Set password to activate or erase call barring.

5.17 Send my number

Menu > Settings > tab right to **Call > Send my number**

Send or **hide** your number **when making calls**. Switch it **on** or **off**. The default set by the network is On.

5.18 Any key to answer

Menu > Settings > tab right to **Call > Any key to answer**

Enables the pressing of any key to answer an incoming call. The default setting is **Off**.

5

5.19 Missed Calls Alert

Menu > Settings > tab right to **Handset > Missed calls alert**

After missing a call, the **missed call icon**  is displayed on the **information bar**. Press the Call key and view the missed call details to clear the icon.

When the **Missed call alert** is set the reminder tones sound at your specified interval for 5 times or until the on screen message is acknowledged.



After a missed call press the **call key**  to display the **All Calls** list.

Press the green **call key**  again to dial the last number.

5.20 Call Options when Connected to a Bluetooth device

If the **handset** is **connected** to a Bluetooth accessory such as a **car kit** or a **wireless headset** then an incoming call is forwarded to the Bluetooth device. Press the **Call key** on the **Bluetooth device** to answer the call. When idle press the call key on the Bluetooth device to initiate Last Number Redial on the handset.

The handset does **not** support the transfer of **Contacts over Bluetooth**.

See Section 12.13 for more Bluetooth information.



An **active call** can be **switched** between the **Bluetooth device** and the **handset** by pressing:

Options > Switch to Handset / Switch to Bluetooth.

6 Messages and Emails

6.1 How do I send a Text Message (SMS)?

Right Arrow ► **New message > Text message** or
Menu > Messages > New message > Text message

- Press the **OK Key** to select from **Contacts (Cont.)** or enter the number using the keypad.
- Scroll to the chosen contact and press **OK twice** (once to select and once to confirm).
- Press the **Down Arrow ▼ twice** (once to add extra contacts, once again to enter the text area).
- The default text mode is Predictive Text indicated by the En symbol.
- Enter text by pressing the corresponding keys once for each required letter eg. 43556 for 'hello'. The system updates the display to show the most probable entry. See Section 6.3 for more details.
- Select the desired word from the available list and press **OK** to confirm or select **Spell Word?** to add a new word to the My Words dictionary.
- Press **Options** for the **My Words** dictionary to manually enter a word into the dictionary.
- Press the **# key** to toggle between **En, ABC , abc** and **123** text modes.
- When completed press the **OK Key** to **Send** the message.

6.2 How do I view a received Text Message (SMS)?

- The **envelope icon**  on the **information bar** indicates a new SMS message. The **message alert tone** and **vibrate** activate depending on the current **profile** setting. Press **OK** to View the message and to clear the icon from the Information Bar.
- Navigate to the Inbox (**Menu > Messages > Inbox > OK to Select**) to view all received messages. Scroll to the desired message and press **OK to View**.

6.3 How do I use Predictive Text?

Predictive text allows words to be entered more efficiently using a single keypress for each letter, as opposed to multiple keypresses in multi-tap text mode. Compare how to write the word 'the':

6

Traditional multi-tap text mode (ABC, abc)	Predictive Text Mode (En)
Press 8 (tuv) once to select 't'	Press 8 once for 't'
Press 4 (ghi) twice to select 'h'	Press 4 once for 'h'
Press 3 (def) twice to select 'e'	Press 3 once for 'e'

- The **default text mode** is **predictive text** indicated by **En** in the top right corner of the display.
- Press the **# key** to toggle between different modes **En, ABC, abc** and **123**.
- It is not possible to disable predictive text mode or to change the initial mode.
- **Predictive text** uses a built-in dictionary to generate words from the sequence of letters pressed.

- When a word is highlighted press the **# key** to raise the case. Eg. dave > # > Dave > # > DAVE.
- Select the desired word from the available list using the **▲▼ keys** and press **OK** to confirm or choose **Spell Word?** to save to My Words. Unknown words default to **Spell Word?**
- If the next letter is on the same key, wait until the cursor appears or press the **Right arrow ►** to move the cursor on.
- To insert a **space** press the **0 key**. To **delete** letters press the **C key**.
- Press the **1 key** for common punctuation marks. Press the *** key** for special characters.
- **ABC, abc** are multi-tap modes. Press the key once for the first letter, twice for the second letter etc.
- In text input screens (eg SMS, MMS and Email) you can add your own words to the built-in **Dictionary** which is called **My Words**.
- Press the **Options** key to access **My Words** to **Add** new words to the available lists.

6.4 How do I add words to the built in Dictionary (My Words)?

- From **predictive text** mode enter words directly by choosing **Spell Word?**
- From the text entry screen press the **Options** key and select **My Words**.
- The first time you use **My Words** press **OK** to **Add** a new word.
- Type the new word using the **ABC** or **abc** modes then press **OK** to **Save** it.
- In **My Words** you can press the **Options** key to **Edit**, **Delete** or **Delete all**.

6.5 Special Characters and SMS Message Length



The **underlined character '...'** in the above chart is a **Unicode** Character which is **not** part of the **standard SMS character set**. This requires **2 SMS characters to be sent**. Normal SMS message length is 160 characters. If exceeded, the message is sent by two SMS'. When the underlined character is used the message length is limited to 70 characters. When 70 characters is exceeded the message is sent by two SMS'. The character count and message count is displayed as shown above.

6.6 How do I send a Multimedia Message (MMS)?

Use a **Multimedia Message** to send **pictures, music or video files** to your friends. You can also send an MMS directly to an Email address.

Menu > Messages > New message > Multimedia message

- Enter the phone number, email or press **OK** for **Contacts**.
- Press the **down arrow ▼** to enter the subject field (if required).
- Press the **down arrow ▼** to enter the main message text.
- From the text area press **OK** to **Insert** an **Image, Audio** or **Video** file.
- Browse the folders to select the required file. Press **OK**.
- When finished press the **Left Soft Key > Options** to **Send**.



6



Each 'page' can only contain one image, one audio, and one video file. To add more than one file of the same type, select **Options** to add a new page.

6.7 How do I receive a Multimedia Message (MMS)?

Menu > Messages > Inbox

- When **receiving** an **MMS** you get a standard **message alert**. Press **OK** to **View**.
- Press **Retrieve** to download the message attachment.
- When the attachment has downloaded press the **Left Soft Key** for **Options**.
- Choose **Use Highlighted Item** to **Save** the file into **File Manager**.

6.8 MMS and SMS Advanced Settings

Menu > Messages > Settings > SMS Settings

The message centre number is stored on your USIM card supplied by your service provider. The default number is +61418706700. The MMS and SMS advanced settings are preset by your Service Provider.

6.9 WAP Push Messages

Menu > Messages > Settings > MMS Settings > Push Message – Accept or Reject

A WAP push message is a formatted SMS that displays a message to the user, giving the option of connecting directly to a particular URL via the mobile phone's WAP browser.

- WAP Push Messages are indicated by the  icon on the main display.
- Use the Browser to view Push Messages. Set to Reject to disable Push Messages.

6

6.10 How do I send an Email?

You can send an Email using an MMS (See 6.6) or **Menu > My Place > MyEmail** provided by Telstra.

To set up an alternate provider using the native Email client:

Menu > Messages > tab right to Email > Settings > Mailbox Settings

- **Press Add** to configure an alternate Email service.
- **Add** your **username**, **password** and other settings by reference to your service provider
- The username should be the full address: username@domain.com

Sending an Email

Menu > Messages > tab right to Email > New Email

- Enter the sender address e.g. username@domain.com
- Press the **down arrow ▼** to access the Copy Field.
- Press the **down arrow ▼** to access the Subject Field.
- Press the **down arrow ▼** to enter the Text Field.
- Press **OK** to **Insert** attachments if required.
- Browse to the appropriate folder to add the attachment.
- When you are finished press the **Left Soft Key > Options** to **Send**.



6.11 How do I receive an Email?

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The **default** Email client is configured for **MyEmail** provided by Telstra. To receive Emails from alternate providers configure the native Email Client with your personal settings:

Menu > Messages > tab right to Email > Settings > Mailbox Settings

- **Press Add** to configure an alternate Email service.
- **Add** your **username**, **password** and other settings by reference to your service provider
- The username should be the full address: username@domain.com
- You can send an SMS, MMS or Email to up to 20 recipients
- You can also send an Email using a Multimedia message (see 6.6)

Receiving an Email

Menu > Messages > tab right to Email > Inbox > Options > Retrieve

New Email messages are delivered to the handset.

6.12 How do I set up automatic Email Retrieval?

Menu > Messages > tab right to **Email > Settings > Automatic Retrieval**

Set your required polling time interval to check the server for new Email messages.

6.13 What are User Folders?

User folders can be used to file your incoming SMS, MMS and Email messages

- **Menu > Messages** or **Email > Inbox > Options > Move to user folder.**
- **Menu > Messages** or **Email > user folders** to view the contents.
- **Rename** your folders if required eg Work, Personal etc.

7 How to Personalise the Phone

There are many ways to customise the handset such as changing the profiles, wallpaper, ringtones, setting up shortcuts etc.

7.1 Change the Profiles

Menu > Settings > tab right to Profiles > Edit the required **Profile**



From the idle screen long press the **# key** to engage **Meeting Mode** (silent with vibrate)

Profiles are used to control the **preferred ringing mode, keys tones** etc. The pre-defined profiles are:

Profile	Default Setting
General	Keytones ON, Ringing ON, Vibrate OFF
Meeting	Keytones OFF, Ringing OFF, Vibrate ON
Outdoor	Keytones ON, Ringing ON, Vibrate ON
Silent	Keytones OFF, Ringing OFF, Vibrate OFF
Car Kit	Keytones OFF, Ringing ON, Vibrate OFF, Auto answer and Backlighting Always on

The following profile settings can be customised using **Edit**. Eg Select **Ring volume** to set your desired Ring volume level.

Voicecall ringtone	Ring volume	Message tone	Warning Tone
Videocall ringtone	Ring type (vibrate)	Keypad volume, Keypad sounds	Earpiece volume



The Car Kit profile is only engaged when the device is installed in a car kit and provides 2 extra features, Auto Answer and Backlighting Always on.

7.2 Change the Shortcut Keys (Arrow keys)

The **four arrow keys** (◀ ▶ ▲ ▼) can be customised to launch **preferred features** quickly from the **idle screen**.

Menu > Settings > tab right to Handset > Shortcut keys > OK

- Set each key in turn to the preferred setting.
- Scroll to the chosen feature and press **OK** to assign the shortcut key.



Example Shortcut Setting:



7.3 Change the Background Screen (Wallpaper)

Menu > Settings > Screen > Wallpaper

- Browse to the **required folder eg Photos > My Pictures**.
- Choose the required picture and press **Set** to confirm.



See **Connectivity** to import pictures.

See **Imaging** to take photos on the camera.

7.4 Change the default Ringtones or Message Tone

Menu > Settings > tab right to Profiles > Select the Profile you wish to modify > Edit

- **Edit** the **profile** to set the default **Ringtone** or **Message Tone**.
- Press **OK** to **Modify** the **Voicecall ringtone**, **Videocall ringtone** or **Message Tone**
- Browse to **Audios, Ring** to see the available built in tones.
- See **Connectivity** to import your own music files.

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7.5 Enable Vibrate Mode

Menu > Settings > tab right to Profiles > Select the Profile you wish to modify > Edit

- **Edit** the **profile** to enable the **Vibrate** function.
- Scroll down ▼ to **Ringling Type** and press **OK** to **Modify**.
- Select the required mode and press **OK** to confirm.
- The **vibrate icon**  displays on the **Information Bar**.

7.6 Select Meeting Mode with a single key press

- **Meeting Mode** puts the handset in silent mode with vibrate on.
- From the **Idle Screen** press and hold the **# key** to engage and disengage **Meeting Mode**.
- The vibrate icon  and mute symbol  displayed on the **Information Bar**.

7.7 Switch the Keytones off

Menu > Settings > tab right to Profiles > Edit

- Scroll down ▼ to Keypad volume and select **Mute** switch them off.

7.8 Change the Backlight timers

Menu > Settings > Backlight timers

- Screen full-light is the main display lighting. After the set time the display goes to half light.
- Screen half-light, the display is lit at reduced brightness for the specified time.

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7.9 Change the Display Brightness

Menu > Settings > Display Brightness

- Use the Up and Down ▲▼ keys to set the desired level.

7.10 Set the Keypad Backlighting

Menu > Settings > Keypad backlighting

Keypad light	Set the duration the keys remain illuminated after the last key press
Period: Always On	The keypad backlighting is enabled for the Duration specified
Period: Customise	The keypad is only illuminated between the times set



Keypad backlighting is unnecessary during the day so a customised setting can improve battery life.

7.11 Add a Greeting and Owner name

Menu > Settings > Owner name

Menu > Settings > Greeting

- The **Owner name** is permanently displayed on the idle screen.
- The **Greeting** is displayed during the start up sequence.

7.12 What is the PIN Code?

Menu > Settings > tab right to **Security** > **Enable PIN Codes** > **PIN Code**

- The **PIN code** is stored on the **USIM card** and protects your **account** against unwanted use.
- Select **On** or **Off** and enter the PIN number to confirm. The original PIN number is provided by your service provider but can be changed if required.
- To change the PIN Code select **Change PIN Codes**.
- **If you forget the PIN code it can be reset by your service provider.**

7.13 What is the Handset Lock Code?

Menu > Settings > tab right to Security > Enable PIN Codes > Handset lock code

- The Handset lock code is stored on the handset and protects against unwanted use. If the handset is lost or stolen it cannot be switched on without the handset lock code. This provides a greater level of protection than the PIN code which protects the USIM card only. The default code is 0000.
- Select On or Off and enter the Handset code, 0000.
- To change the Handset Code select **Change PIN Codes** and enter a new code of your choice.
- **It is important to remember this code as it cannot be reset by the user. It can only be reset by the repair agent for a fee.**

7.14 Additional notes on PIN Codes

- The PIN and PUK Codes are provided by your Service Provider.
- If you enter the PIN number incorrectly three times the phone will be locked.
- Contact your service provider to get the PIN Unlocking Key (PUK code).
- PIN2 Code is an additional PIN on the USIM card and is not generally supported.

8 File Manager and External Memory

8.1 File Manager

Menu > File Manager

File Manager is a storage area where you will find all your **Photos**, **Audios**, and **Video files**. It is separated into four folders, **Photos**, **Audios**, **Videos** and **Others** as shown:

Folder	Contents	Description
Photos	Pics	Link to BigPond
	Wallpapers	Background screens for the handset
	My Pictures	Default directory for handset pictures
Audios	BigPond Tones	Link to BigPond
	BigPond Music	Link to BigPond
	Ring	Pre-loaded handset Ring Tones
	My Audios	Storage for your own Audio files (MP3 etc)
Videos	BigPond Music Videos	Link to BigPond
	My Videos	Default directory for handset videos
Others		Downloaded Internet files, JAVA apps etc.

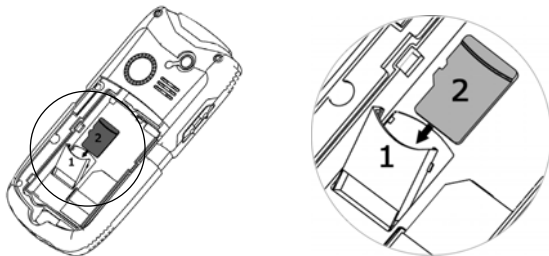
Preloaded files in the Wallpapers and Ring folders are read only and cannot be deleted.

8.2 Installing Additional Memory – MicroSD card

Handset memory can be increased by inserting a Micro SD (HC) card up to 8GB.

Micro SD cards up to 2GB are supported (FAT 16 format).

Micro SD HC (high capacity) cards up to 8GB are supported (FAT 32 format).



- Open the back of the handset and remove the battery.
- Slide down the Micro SD card holder (1) to release the lock and raise.
- Carefully insert the Micro SD card (2) as shown above.
- Place the card into position, lower the card holder and lock by sliding the holder up.
- Re-insert the battery, close the back cover and switch the handset on.
- **Menu > File Manager > tab right to Memory Card** to access your stored files.



With the Micro SD card inserted the default storage location (for photos etc) is the **External Memory**. You can set this under **Menu > Settings > tab right to Handset > Download location**.

Always handle memory cards with care and avoid static discharge.

9 Alarms and Appointments

9.1 Set Alarms

Menu > Tools > Alarm > Add (or **View** an existing Alarm)

Configure the alarm as required using the Alarm Setup Screen:

- **Daily** Alarm goes off every day.
- **Workday** Alarm goes off Mon – Fri only (Rest days can be set under **Options**).
- **Weekly** Alarm goes off at the same time each week.
- **Once** Alarm only goes off once.
- **Snooze** can be set to be Off, 5, 10, 15 or 30 minute intervals.
- **Snooze** repeats for **six times** or until you **Stop** the alarm by pressing the **OK key**.
- The **Alarm sound** is preset. Press **Edit** to change if required.
- If the Alarm time has passed it cannot be saved.
- If the phone is switched off the Alarm automatically switches the handset **On**.

Alarm Summary Table

Status	Enable / Disable
Alarm type	Daily, Workday, Weekly, Once
Alarm date	<i>Available with Weekly and Once</i>
Alarm time	<i>Set as required</i>
Snooze	Off, 5, 10, 15, 30 minutes
Ringtone	On / Off
Alarm sound	alarm.mid, press Edit to change
Comment	<i>Optional</i>

9.2 Set Appointments using the Calendar

Menu > Tools > Calendar > Add

- Add a **Meeting**, **Memo** or **Reminder**. The memo function does not include an alarm.
- Use the **Meeting** function to set **repeat events** such as **Weekly Meetings** and **Anniversaries**.
- Follow the prompts on screen to configure the event, see the examples in the table below.
- Events are shown by a highlighted box on the event day.
- Use **Options** to see the Week view and to change default behaviour under **Settings**.
- If the Alarm time has passed or is after the event time you cannot save the appointment.
- If the phone is switched off the Alarm automatically switches the handset **On**.

Examples of different uses for the Calendar > Appointment function

	Daily Reminder	Meeting with alarm	Repeat Meeting	Anniversary
Subject	Check mail	Appointment	Weekly Team	John's Birthday
Location		St Mary's	Office	
Start time	10.00am	11.00am	10.00am	08.00am
End time	10.00am	01.00pm	11.00am	08.00am
Start date	28/9/08	30/10/2008	29/9/2008	29/03/2009
Alarm set	On	On	On	On
Alarm time	09.45am	10.00am	09.45am	08.00am
Alarm date	28/9/08	30/10/2008	29/9/2008	29/3/09
Repeat set	Daily	Not repeated	Weekly	Yearly
Repeat until	28/10/08	N/A	29/9/2012	29/03/2030

10 Imaging - Pictures and Videos

10.1 How to use the Camera

Menu > Multimedia > Camera



Shortcuts: Press and hold the side camera key to activate the camera.

The camera key activates the shutter. pressed again to **Save** the image.

From Still mode press ► to change to Video mode as shown by the icon in the top right hand corner.

- Use the Up and Down arrows to control the zoom*
- Press the **Options** button to:
 - Change the **Photo size****
 - Change the **Photo quality**
 - Change the **Brightness**
 - Change the **Contrast**
 - Apply an **Effect** (**Normal**, **B&W** or **Sepia**)
 - Change the **Shutter sound**
 - **Save to** – Handset memory or External Memory (Micro SD card if fitted)
 - **Use front / back camera**
 - **Switch to video camera**



* Zoom is not available on 1200 x 1600 as the screen is at maximum resolution.

** The default photo size is small to enable easy sending by MMS and Email.

To increase the size : **Menu > Multimedia > Camera > Options > Photo size**

10.2 How to use the Video Camera

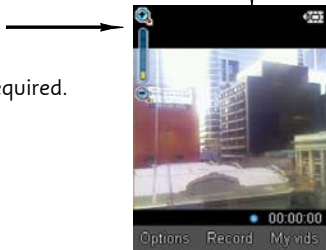
Menu > Multimedia > Video Camera



Shortcuts: Press and hold the side camera key to activate the camera, press ► to switch to video mode.

From Video mode press the ◀ to change to Still mode as shown by the icon in the top right hand corner.

- Use the Up and Down arrows to control the zoom
- Press the **Options** button to change the following:
 - **Video size**, default is MMS size. Change this if required.
 - **Video quality**
 - **Brightness**
 - **Contrast**
 - **Effect (Normal, B&W or Sepia)**
 - **Video sound**
 - **Video format**, MP4 or 3GP
 - **Save to** – Handset memory or External memory (Micro SD card if fitted)
 - **Use front / back camera**
 - **Switch to camera**



Press My Vids to view your saved video files.

When viewing a video press **Full Screen** to view in Landscape.

10.3 Viewing pictures and videos

1. View the file directly from File Manager

Menu > File Manager > Photos > My Pictures or

Menu > File Manager > Videos > My Videos

Scroll down the list to your chosen picture, Press **Open** to view the image.

2. Create a slide show to view pictures in sequence

Menu > Multimedia > Slide show > Add > Photos > My Pictures

Press the **Right Soft Key** to **Mark** your selected photos then press **OK** to **Save**

Press **Start** to automatically view the pictures sequentially.

3. View My Pics or My Vids from Camera mode

Menu > Multimedia > Camera > My Pics

Menu > Multimedia > Video Camera > My Vids

Press the Right Soft Key to select **My Pics** or **My Vids** to view your saved photos.

Additional features when viewing Pictures and Videos

Still Pictures	
Full Screen	Right Soft Key
Zoom in / out*	Up and Down Arrows
Rotate image	1,3 keys
Move the image	2,4,6,8 keys

Videos	
Full Screen, Landscape	Right Soft Key
Volume up and down	Up and Down Arrows
Brightness	2,8 keys

11 Music

To import music files onto the handset see the following sections:

- Import music files from your computer using Join Me (See **Connectivity**)
- Import music files from your computer or other device using Bluetooth (See **Connectivity**)
- Import music files from a computer using **Mass Storage mode** (See **Connectivity**)
- Download music from BigPond Music: **Menu > My Place> Music**

11.1 FM Radio

Menu > Multimedia > FM radio

- Insert the personal hands free kit (PHF). The headset acts as the antenna for the FM radio.
- Tune the required station using the ◀ ▶ keys or **Options > Auto-search** or **Add preset**.
- **Auto-search** scans automatically for channels.
- Use **Add preset** to enter the frequency using the keypad and * key to access the decimal point.
- **Remember** to **Save** the **new channel**.
- Press **Options > Rename** to personalize the channel name eg ABC.
- If an incoming call is received, the radio is suspended while you answer the call.

11.2 Browse and play music files from File Manager

Menu > File Manager > Audios > My Audios

- Press **Open** to play the desired music file.



Warning – At high volumes, prolonged listening to audio devices can damage hearing.

11.3 Create a new Playlist

Method 1: Create a Playlist from File Manager

Menu > File Manager > Audios > My Audios

- Scroll through the files and press the **Right Soft Key** to **Mark** or press **Options > Mark all** files then Press **OK**.
- Press **Options > Add to playlist > OK** (for existing Playlist) or **Add / New** (to create a playlist).
- The selected song or songs are added to an existing or new playlist.
- **Menu > Multimedia > Playlist > Scroll to select, OK to Play.**
- Press **Options** to access the Equalizer and to set the **Repeat setting** etc.

Method 2: Create a playlist in Multimedia

Menu > Multimedia > Playlist > Options > New Playlist > Playlist name > OK > Audios > My Audios

- Scroll through the files and press the **Right Soft Key** to **Mark** or press **Options > Mark all** files.
- Press **OK** to save the **Playlist**, Press **OK** again to begin playing it.
- Once a **Playlist** has been saved press the **Right Soft Key** to **Edit**. Press **Options** to Remove tracks or Change Order.
- Press **Options** to access the Equalizer and to set the **Repeat setting** etc.
- Use the side volume keys to adjust the volume.
- Use **▲▼** keys to select tracks from your playlist. Press the **◀▶** keys to skip tracks.
- Press and hold the **◀▶** keys to forward or rewind through tracks.
- It is possible to create up to six different playlists.

12 Connectivity

12.1 Use the phone as a Mass Storage Device with a MicroSD Card

Menu > Settings > tab right to **Handset > USB Mode**

Mass Storage Mode enables the MicroSD Memory card to be connected to the computer as an external drive. The handset can be used as a USB mass storage device. Files can be transferred to and from the handset via the USB cable.

PC Suite Mode enables the handset to transfer files to the Join Me Computer Suite via the USB cable.

12.2 Connect your phone to a computer

Join Me is a computer program to connect your phone to a computer. Once installed Join Me is used to manage contacts, messages and calendar functions. It is also used to connect to the internet and transfer music / picture files. Please install the software before connecting your phone.

Compatibility

- The software is **only** compatible with Windows 7, Vista, XP (SP2 & SP3) and MAC OS 10.4, 10.5 but cannot be guaranteed to run on these systems.
- It is **not** compatible with Windows 2000, ME, 98, or 95.
- The software may not run in all environments, or in conjunction with other software.
- Multi-boot systems are not supported.
- The software should be installed and run with the Administrator login.

- Please install the software before connecting your phone and follow the installation steps carefully.
- For installation support please consult our web site FAQ's <http://www.zte.com.au>

12.3 Installing Join Me

Please install the Join Me CD **before** connecting the phone to the computer.

- Insert the CD provided into the computer.
- The CD auto-starts after a few seconds.
- If auto run does not start then run Setup.exe from the CD to launch the installation shield.
- Please follow the prompts to install the software.
- When the installation is complete plug the handset into the computer using the USB lead supplied.
- The USB lead is unique and should not be used for other devices (It is not the same as digital camera leads).
- When the handset is plugged in the computer automatically installs the drivers. If this fails consult our website for more help or access Windows Device Manager to update the drivers. See <http://www.zte.com.au> for instructions.



Note

If the phone is connected to the computer before installing the CD then the drivers are not installed correctly:

- Unplug the phone, un-install then re-install Join Me.
- See <http://www.zte.com.au> for more assistance.

Windows 7, Vista and XP are trade marks of the Microsoft Corporation.

12.4 Use Join ME to copy photos to your computer

Transfer photos from the handset to your computer using Join Me:

- **Make sure the phone is switched on and connected to the computer and Join Me has been installed.**
- The PC Connection on the handset needs to be set to USB.

Menu > Settings > tab right to Handset > PC Connection > USB

- **Connect the phone** to the computer **using the USB lead** supplied.
- **Double-click the Join Me icon** on the **desktop**.
- Select the phone type and **press Connect**.
- Select the **Media tab**  as shown on the next page.
- **Double click on My Phone** in the **bottom left hand corner**.
- **Double click on Photos** to expand the folder structure.
- **Double click on My Pictures** to see the picture files on the right hand side.
- **Drag*** the required file from the file list and **Drop*** it into the required **destination folder** on the PC.
- The file is copied to the destination folder (Desktop in the example below).
- **Files can only be transferred into Folders.**



The default picture size is very small when viewed on the computer.

See section 9.1 to change the image size.

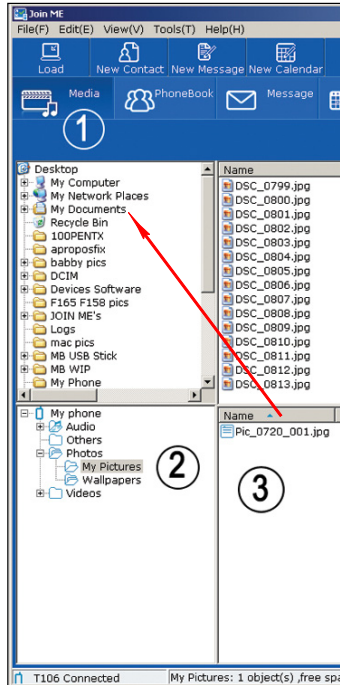
* **Drag and Drop** is a method of copying files. Click on the file, hold down the left mouse button, move the mouse pointer to the required destination and release the left mouse button to Drop the file to that location. **Alternatively** right click on the file and use **Copy** and **Paste** from the menu.

Copy files (eg Photos) from phone to computer using Join ME

1. Select the **Media Tab**.
2. Select **My Pictures** folder on **My Phone**.
3. **Drag** the picture from **My Pictures** to a **folder** on the **PC**.
4. **Alternatively** right click on the file and use **Copy** and **Paste** from the menu.



Files can only be copied into **Folders**.



12.5 Use Join ME to transfer music from a computer

Music files can be transferred onto the phone using Join Me.

- **Make sure the phone is switched on and connected to the computer, and Join Me has been installed.**
- The PC Connection on the handset needs to be set to USB

Menu > Settings > tab right to Handset > PC Connection > USB

- **Double click the Join Me icon on the desktop.**
- Select the phone type and **press Connect.**
- Select the **Media tab** as shown in the picture on the next page.
- **Double click My Phone** in the **bottom left hand corner.**
- **Double click Audios** to open up the **Audios folder.**
- Locate the **music files** on the computer by browsing through the Windows file structure in Join Me.
- **Drag** the required file from the **top half** (computer) and drop it into **My Audios** on the phone.
- The file is copied to the destination folder (as shown below). **Files can only be copied into Folders.**
- Alternatively **Right Click** on the file, choose **Copy**, then go to the destination folder and **Paste.**
- Note: DRM protected files that you have downloaded cannot be copied or sent to other devices.



MP3, WAV, WMA and MIDI Files are supported but MP3 is preferable due to smaller file size.

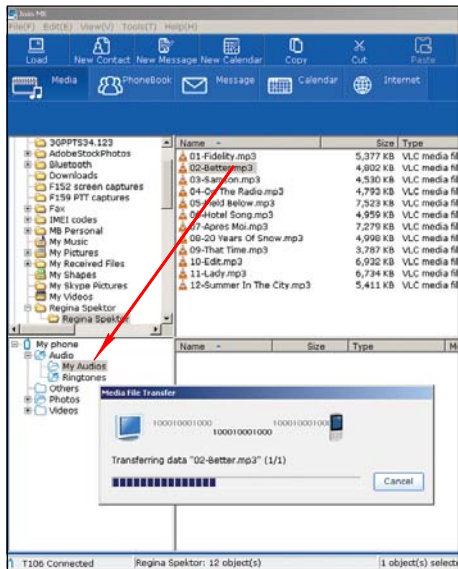
Copy files(eg Music) from the Computer to the handset using Join ME

Use **drag** and **drop** to copy the selected file from the computer to the **My Audios** folder on the handset.

Alternatively select the file, right click to **Copy** the file, select the destination folder (on the handset) and choose **Paste**.



Files can only be transferred into **user folders** on the **handset**. Eg. Transfer music files into My Audios, pictures into My Pictures and java games and applications into the Others folder All other folders are write protected.



12.6 Enter Contacts using Join ME

Use Join ME to enter new contacts into the phone.

On the phonebook tab enter contacts directly using the PC. Select 'New Contact' then complete the required fields. Select the Save Position; Local, Phone , (U)SIM or All.

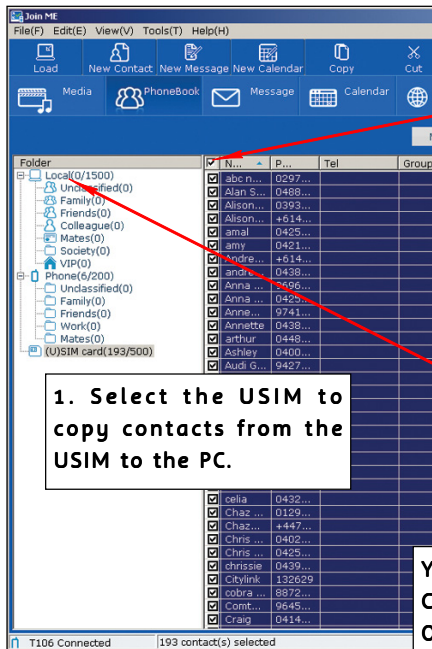
12



The save position 'Local' refers to the computer. Remember to change this if you want to save contacts directly to the handset or use the copy function to copy contacts from Local to Phone.

There is less storage available on the USIM card so some of the fields are greyed out.

12.7 Copy contacts from the phone to the computer (create a backup)



2. 'Select all' by checking the box at the top of the list.

3. Drag and drop the complete list to Local.

This copies all the USIM contacts to the PC (Local)

You can also select an individual contact to copy it in either direction.

You can also right click on the Contacts grid and Import from Outlook. See 12.8 below



Copy one or all of the contacts from **Local** to **Phone** using the **same** method.

12.8 Import Contacts from Microsoft Outlook

- Launch Microsoft Outlook, have Join Me running and connected to the handset.
- Make sure you are on the Phonebook tab in Join Me, see image in 12.7 above.
- **Right click anywhere on the Contacts grid** and select **Import From Outlook**.
- Only contacts in the **root folder** (Contacts) of Outlook are copied.
- The following fields are imported from Outlook to Join Me as below:

Outlook	Join Me
Full Name	Name
Mobile Telephone Number	Mobile
Home Telephone Number	Tel Home
Home Fax	Fax
Business Telephone Number	Tel Office
Other Telephone Number	Mobile(Other)
Home Address	Home Address
Business Address	Business Address
Company Name	Company
Department	Department
Job Title	Job Title
Business Fax	Business Fax
Email Address	Email(Public)
Email Address 2	Email(Other)

12.9 Export Contacts to Outlook

- Launch Microsoft Outlook, have Join Me running and connected to the handset.
- Make sure you are on the Phonebook tab in Join Me, see image in 12.7 above.
- Select the number you want to export.
- **Right click any selected contacts** and select **Export to Outlook**, and following screen is displayed:



- If you select **Default Mapping** the default items of the selected contacts are exported to Outlook.
- Press **OK** to export the Contacts.

12.10 Use Join ME to send an SMS

- Select the **Message** tab.
- Click the **New Message** button to draft an SMS.
- The new message window appears.
- Click the **magnifying glass** to select a contact from **Local**, **Phone** or **(U)SIM** card.
- Tick the box for the chosen Contact, press the right arrow to choose.
- Multiple contacts can be chosen. Click OK to continue.
- Type your message in the text entry field and press Send when complete.



SMS Messages sent from Join ME are stored on your computer in the Local folder of the Message tab.

12.11 Import Calendar events from Microsoft Outlook

- Launch Microsoft Outlook, have Join Me running and connected to the handset.
- Note, at the end of the import process Outlook can shut down. Please save any information beforehand.
- Make sure you are on the Calendar tab in Join Me.
- Right click anywhere on the Calendar grid and select **Import Calendar From Outlook**.
- All calendar entries are copied into Join Me.
- Select the required entries, or select All.
- Copy the imported entries from Local to phone.

12.12 Use Join ME to connect to the Internet

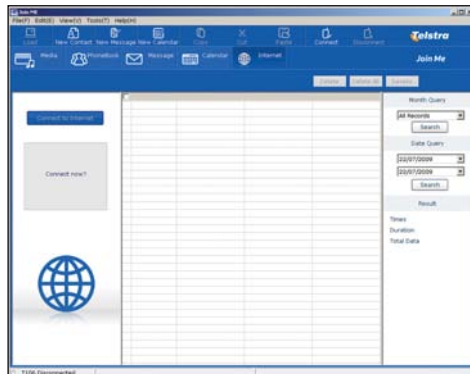
You can use the mobile phone as a dial up modem to connect a computer to the internet.

- **Make sure the phone is switched on and connected to the computer and Join Me has been installed.**
- The PC Connection on the handset needs to be set to USB.

Menu > Settings > tab right to Handset > PC Connection > USB

- **Double click the Join Me icon on the desktop.**
- Select the **Internet tab** as shown below.
- Press **Connect to Internet** go online.

The **default APN is Telstra Internet**. Please check with your service provider to confirm the correct APN.



12.13 Connect to a Bluetooth Device

Bluetooth is used as a wireless connection for headsets, hands free car kits and computers. Not all applications or devices are supported. Bluetooth is an open forum and manufacturers choose which functions to implement.

The handset supports Bluetooth 1.2 with Handsfree, Headset, FTP and DUN profiles.

Consult the other device for compatibility, connection issues and to find the pairing password.

Please follow the process carefully. Connecting to a Bluetooth device first time around requires authentication where both devices share a password.

When the devices are paired and connected the process is more automatic.

Connect to a Bluetooth Device

Menu > Tools > Bluetooth > Bluetooth manager

- Press the **Left** or **Right Arrow Key** to switch Bluetooth on.
- Go down to **Visible** then press the **Left or Right Arrow Key** to select **Show**. The phone name can be customised if required. Press **OK** to confirm.
- Go to **My devices** and press **OK**. Press **Search** to look for Bluetooth devices nearby.
- The chosen device must be switched on and in pairing mode.
- Available devices are listed in the device list. Select the required device and press **OK** to **Connect**.
- Enter the **pass code**, usually 0000 or 1234. Consult the device user guide for more information.
- If you are connecting to a PC or another mobile enter the same password when requested on that device.
- Once the password has been shared and accepted by both devices they are paired.

Send files from the handset to another device

Menu > File Manager

- Browse through the folders to the chosen file.
- Press the **Left Soft Key** for **Options**.
- Choose **Send** then select **Via Bluetooth** and press the **OK Key**.
- If no devices are shown press **Search**.
- Select the required device to send the file to
- Enter a **pass code** and use the same **pass code** on the other device (eg 0000).

Receive files from another device

- When another device sends you a file press **Yes** to authorise the connection.
- Press **Yes** to accept the file.

Connect to a Bluetooth Car Kit or Personal Headset

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Follow the manufacturer's instructions carefully to enable Pairing Mode on the other device. It is not possible to connect the phone to the other device unless Pairing Mode is enabled. Select the required device, share a **pass code** and press **Connect**.

Menu > Tools > Bluetooth > Bluetooth manager > Turn On, Show > OK

- Make sure Bluetooth is **On** and in **Show mode** and the **other device** is in **Pairing Mode**.
- On the handset go to **Bluetooth: Menu > Tools > Bluetooth > My devices**.
- Press the **Right Soft Key** to **Search**.

- From the list of available devices select the required device and press **OK** to **Connect**.
- Enter the **pass code** specified in the user guide of the far end device (eg 0000 or 1234).
- When the devices are paired the handset reports the device has been added.
- In **My devices** go to the new device and press **OK** to **Connect**.
- The devices are now Connected.
- When connected, incoming calls are sent to the Bluetooth device automatically. Press the call button to answer.
- During a call press **Options** > **Switch to Handset** to return the call to the handset.

12.14 Dial Up Networking using USB or Bluetooth

Dial Up Networking (DUN) is a method to connect your PC or MAC to the internet using the handset as a dial up modem. Broadband speeds can be achieved on the high speed wireless network.

1.Dial up Networking over USB using the Windows Wizard

Make sure Join Me is installed, the handset is on and connected to the PC using the USB lead supplied.

Example for Windows XP

On the PC go **Start** > **Accessories** > **Communications** > **New Connection Wizard** and follow the prompts:

Connect to the internet > **Set up my connection manually** > **Connect using a dial up modem**

Select the ZTE USB Modem and uncheck any other modems.

The **ISP Name** can be any name you like eg. T90 Handset.

Set the **Phone number** to *99# > The **Username and Password** must be **blank** > 'Make this the default Internet connection' can be unchecked (optional) > 'Add a shortcut to this connection to my Desktop' can be checked (optional) > **Finish**
Press **Dial** to test the connection
The PC opens an internet connection using the handset as a high speed modem.

2. Dial Up Networking over Bluetooth

Bluetooth can be considered as a wireless replacement for the USB connection and is compatible with any DUN enabled Bluetooth device. Use Bluetooth to connect the handset to a PC or MAC and use Dial Up Networking to create an internet connection.

a) Both devices must have Bluetooth ON

Handset: Menu > Tools > Bluetooth > Bluetooth manager > Turn On, Show > OK
PC or MAC: Enable Bluetooth using the appropriate hardware or software settings.

b) Set the handset PC Connection to Bluetooth

Menu > Settings > tab right to **Handset > PC Connection > Bluetooth**

c) Create a New Connection on the PC or MAC

Launch the Bluetooth manager software on your PC or MAC. This varies depending on your platform, hardware and software. Create a new connection and enter the same password, when prompted, on each device. Select the T90 Handset, the Dial Number is *99# and the Username and Passwords are blank.

When the Bluetooth manager opens a connection to the handset, accept the incoming connection by pressing **Yes** when prompted.

The PC or MAC can now connect to the internet via the handset.

The features described are dependant on external suppliers' hardware and software and vary between platforms and components. Consult your system supplier for more information.

12.15 PC Connection

Menu > Settings > tab right to Handset > PC Connection > Bluetooth

PC Connection specifies how the handset initiates data connections to the PC. It can be set to be via Bluetooth or via the USB cable. Join Me requires the USB connector, other transfers can operate via Bluetooth if supported by your system.



If **PC Connection > Bluetooth** is selected then **Join Me will not connect** to the handset.

Restore the PC Connection to USB to re-enable Join Me.

12.16 USB Mode– Use the handset as a Mass Storage Device

Menu > Settings > tab right to Handset > USB Mode

Mass Storage Mode enables the MicroSD Memory card to be connected to the computer as an external drive. The handset can be used as a USB mass storage device. Files can be transferred to and from the handset via the USB cable.

PC Suite Mode enables the handset to transfer files to the Join Me Computer Suite via the USB cable.

Note: When the handset is connected to a computer in **Mass Storage** mode then calls **cannot** be made or received. The handset is disconnected from the network.

13 GPS and Assisted GPS (A-GPS)

A-GPS is an advanced positioning system developed for mobile phone applications. The handset can operate in **Stand Alone GPS Mode** which does not require a network signal or **Assisted Mode** which uses network signals and processing to reduce the acquisition time and power consumption.

For **Stand Alone GPS mode** go to **Menu > Tools > GPS > GPS Status > On**
Then select **GPS Location** to start a position fix.

For **Assisted mode** go to **Menu > My Place > Whereis**

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- The **GPS receiver** requires signals from **at least three satellites** and can take **several minutes** to acquire.
- **Reception is reduced in city areas.** Best reception is achieved with a clear view of the whole sky.
- The **signal strength may be reduced** in a **vehicle, indoors** or in **overcast weather** conditions.
- The antenna is in the **bottom** of the phone. Avoid blocking it with your hands.
- It is not recommended to utilise GPS for mission critical applications.
- Perform a search under **Menu > Tools > GPS > GPS Location**.
- Results are dependant on the above conditions.
- Regular use of GPS positioning will increase battery consumption.

14 Other Facilities

14.1 Browser

Menu > Tools > Browser

Home	The home page is set by your Service Provider
New Link	Enter a web address manually using the keypad
Bookmark	Link to a previously saved page
History	Display pages visited
Saved Page	View a local copy of a previously saved page
Settings	Display browser settings (see below)
Version	Display current browser version

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Menu > Tools > Browser> Settings

Connection settings	Sets the APN, preset by your service provider
Advanced settings	Customise the browser display modes, sound, cache, cookies etc.
Clear cache	Clears all cache data
Clear Cookies	Deletes all cookie information
Clear history	Clears all history data
Certificate	List the root and CA certificates on the handset

14.2 Stopwatch

Menu > Tools > Stopwatch

- Press **OK** Key to **Start** timing.
- Press **OK** to **Stop** timing. The screen display the event time.
- Press **OK** to continue timing.
- Press **Right Soft Key** to reset.

14.3 Calculator

Menu > Tools > Calculator

- Press 0~9 keys to enter numbers. Press **Point** to enter the decimal point.
- Press ◀ ▶ ▲ ▼ for +, -, ×, ÷.
- Press the **C** key to clear digit and results.
- Press **OK** to show the result.

14.4 World Time

Menu > Tools > World Time

- The world time function provides time information on major cities worldwide.
- Scroll to the desired city by using the **Left / Right keys**.
- Select the required city then press the **OK Key** to save the selected city as the local time zone.
- Note changing time zones changes the current time setting.

14.5 Currency Conversion

Menu > Tools > Currency Conversion

- Convert currencies quickly and easily.
- The exchange rate stays set after you close the function.
- Use the ▲▼ arrows to highlight the required field.
- Press **Point** to use a decimal point.
- The result is displayed in local or foreign currency automatically.

14.6 PocketNews

Menu > Tools > PocketNews

Select the required feature from the available menus. The information is regularly updated by your service provider and is be sent to your handset by SMS.

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14.7 Games and Applications

Menu > Multimedia > Games & Apps

- Built in applications are provided by your Service Provider.
- Download the latest games from your service provider or other specialist websites.
- The handset supports Java Midlet 2.0
- Use Join Me to copy other games from your computer (see Connectivity).
- Games and applications are saved into the Others folder.
- Select **Open** to install the game.

14.8 Voice Recorder

Menu > Multimedia > Voice recorder (use Options to change the duration if required)

- Press **OK** to **Start** recording the voice memo.
- Press **OK** to **Pause / Continue (Contin.)** recording.
- Press the **Right Soft Key** to **Stop** recording.
- Press **OK** to **Save**. The file is saved to My Audios.
- Press **Right Soft Key** to **Discard** the voice memo.
- Press **Left Soft Key** and select **Send** to send the memo via MMS, Email or Bluetooth.

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14.9 Slide Show

Menu > Multimedia > Slide Show

- Add pictures by pressing **Add** or **Options > New Slide**
- Browse to **My Pictures** and **Mark** the pictures you want. Press **OK** to finish, **Play** to play.
- Use **Options** to Edit, create New slide, Rename, Delete, Delete all, and View the slide info.

14.10 Streaming URL

Menu > Multimedia > Streaming URL

Streaming URL are links to audio or video streaming content over the internet. The content is only available while connected to the server and depends on your network provider.

14.11 Network Settings

Menu > Settings > tab right to **Handset > Network settings**

Preferred Mode: Lock the handset to GSM or UMTS (3G) Networks.

Preferred Band: Lock the handset to certain bands, U = UMTS, G = GSM

Preferred Selection: Choose which network to register with from a list of available networks.



Manual Network Selection overrides the **Preferred Mode and Band settings**.

The handset stays on the chosen network and related band. Eg. If you choose a GSM Network, the Preferred Mode switches to GSM and remains in GSM-only mode. Further searches performed by **Preferred Selection > Manual** mode only detects GSM networks. To return to normal mode set Preferred Mode and Preferred band to Automatic.

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14.12 Connections

Menu > Settings > tab right to **Handset > Connections**

Connections are pre-defined by your service provider and enable the handset to connect to the internet via WAP and to send multi media messages (MMS). When using an alternate carrier,

Add a new Connection setting as defined by your service provider.

14.13 Access Point Settings

Menu > Settings > tab right to **Handset > Access point settings**

Access Point Settings are pre-defined by your service provider and enable MMS and internet connections. When using an alternate carrier, **Add** a new APN's defined by your service provider.

14.14 Restore default settings

Menu > Settings > tab right to **Handset > Restore default settings > 0000**

If the handset is not working as normal, restore the handset to default factory settings. The default Handset Lock Code is 0000. User content is not erased.

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14.15 Download Location

Menu > Settings > tab right to **Handset > Download location**

When a Micro SD card is installed the default save location (for photos etc) changes to the External Memory. This refers to the Micro SD card.

14.16 Auto Keylock

Menu > Settings > tab right to **Handset > Keylock**

Auto keylock can be set to automatically lock the keypad after a predetermined time. Set your desired time from the available choices. Press * followed by the **Right Soft Key** to **lock** or **unlock** the keypad.



Emergency numbers can still be dialled while the keypad is in the locked state. Enter the emergency number on the keypad then press the green Call Key.

14.17 CTM

Menu > Settings > tab right to Handset > CTM

CTM (Cellular Text Telephone Modem) is a text based communications protocol to offer support to hearing and speech impaired people. Hearing or speech impaired persons can communicate using a teletype (TTY) terminal connected to the mobile phone via a CTM Modem. The TTY signals are sent alongside speech so it is possible to configure the system to enable speaking and hearing as well as typing or receiving text to the TTY device. See below for the options available:

CTM Mode	Description
Full	Text entered on the terminal is sent to the other party. Received text from the other party is displayed on the terminal.
Read & Talk	Received text is displayed on the terminal. Voice is relayed to the other party.
Write & Hear	Text entered on the terminal is sent to the other party. Incoming speech is heard from the other party.
Off	All CTM is disabled, use the phone as normal.

If you are using a TTY device make sure the terminal baud rate is set to 45.45 bps
If you are using a terminal with a CTM modem built in then select CTM Off on the handset.

15 Troubleshooting, Technical and Warranty Information

15.1 Troubleshooting and FAQ's

Please check the manual thoroughly before contacting your service provider

Symptom	Solution
No incoming ring or alarm tone	Check the ring tone and ring volume settings under Profiles. Check the handset is not muted (Long press the # key).
(No) keytones when pressing keys	Check the key tone settings in the current profile. See 7.1 Change the Profiles.
How do I extend the incoming ring time?	This is not a handset setting. Please contact your Service Provider. to extend the ringing time.
A phone number cannot be dialled	Check for network coverage. Check whether any call restrictions are set. See Call Barring.
Short messages cannot be sent or received	See MMS & SMS Settings 6.8 and check the SMS centre number is correct. Contact your service provider for more details.
MMS messages cannot be sent or received	Your subscription does not include data services. Check with your service provider.
How do I switch off Predictive Text?	The # key is used to toggle between different modes. See Chapter 6 for details.
I cannot connect to FOXTEL or BigPond	Your subscription is not provisioned for data services. Check with your service provider.

Symptom	Resolution
I cannot connect to Join Me	Check: Menu > Settings > Handset > PC Connection > USB Uninstall and re-install the CD software See FAQ's at www.zte.com.au for more assistance
My phone is slow to respond, handset storage problems	Restart your phone every day to refresh the memory Delete or archive old SMS messages and other content Restore default settings: Menu > Settings > Handset > Restore default settings > 0000 > Yes
The battery discharges quickly	Possible network coverage issue. Check the signal strength. With only 1 or 2 bars, the battery has to work harder to maintain network contact. Limit multi-media and Bluetooth usage to save power. The battery may be worn out and needs to be replaced.
I cannot charge the phone	Confirm the charger is properly inserted. Remove the battery, clean the contacts and check it is inserted correctly. The battery may be worn out and needs to be replaced. Tip: Charge the phone using the supplied USB cable.
How do I enter text in an SMS?	From the phone number field press the down arrow twice to move into the text area. Use predictive text or abc mode to manually type words. See chapter 6 for details.
How do I change the Ringtone?	Edit the current profile and select a new tune from the Audios directory. See chapter 7 for details.
The handset switches off after charging.	The handset is charging in the off state. Press and hold the Red key to switch the handset ON or charge it in the ON state

Symptom	Resolution
The handset switches on automatically	An alarm or calendar event switches the handset on automatically.
My phone is not able to connect to other Bluetooth devices	Turn Bluetooth on. Set visibility to Show. Possible compatibility issues. Manufacturers incorporate different Bluetooth profiles. Not all functionality is supported.
How do I transfer pictures via Bluetooth to a photo printer (eg Kodak)?	This is not supported due to different Bluetooth profiles. Copy photos using Join Me or a Memory card.

15.2 Error Messages

Message	Solution
No (U)SIM detected	Check a valid USIM card is inserted See 2.2 How do I insert the USIM Card?
Enter PIN code	Enter the correct PIN code supplied by your service provider
Enter PUK code	Contact your service provider to get the PUK code
Enter 16 digit unlock code	Please contact your service provider
Enter handset lock code	The default handset lock code is 0000
File does not exist or is in the wrong format	See the Technical Specifications below to check the file type is supported by the handset. On your PC or MAC, make sure the file and folder is closed. Re-send the file to the handset using Join Me, Mass Storage Mode or Bluetooth transfer.

15.3 Technical Parameters

Network Compatibility	3G WCDMA 850, 1900, 2100 MHz with HSDPA data to 3.6 Mbps 2G GSM 850, 900, 1800, 1900 MHz
Dimensions L×W×H	Approx 115mm x 51.5mm x 18.6mm
Weight	Approx 130g (Including standard battery)
Features	MP4 video, MP3 audio, 2.0/0.3MPixel camera, Video Phone, USB, MIDP 2.0 JAVA, 2.0" 262K colour QVGA semi-transparent LCD display, MMS, Email, Calendar, Speakerphone, Voice Recorder, Bluetooth 1.2 Stereo, Supports 8GB Micro-SD, CTM, FM Radio, CTM, USB Mass Storage, A-GPS
Battery	1000mA hours, Lithium ion (Li-ion)
Continuous idle time*	Up to 200 hours
Continuous talk time*	180 minutes on GSM network, 180 minutes on WCDMA network, Video call >70 minutes
Charge time	Approximately 3-4 hours
Battery Life	Approximately 400 charge cycles
Supported Files	JPG, BMP, GIF, MP3, WAV, MID, MMF, AMR, MP4, 3GP, TXT
Bluetooth 1.2	OPP, FTP, HSP, HFP, A2DP, AVRCP, DUNP

*The phone's talk and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.

15.4 Support Information

- For Warranty Service directions please consult the ZTE website at <http://www.zte.com.au>
- All calls for PIN number enquiries, Network problems, Next G Services, BigPond account information, Web Access, Account and Billing Information, USIM card registration and general enquiries should be directed to your Service Provider.

15.5 Warranty Information

The warranty does not apply to defects or errors in the product caused by:

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- (a) Reasonable abrasion.
- (b) Misuse including mishandling, physical damage, improper installation, unauthorized disassembly of the product.
- (c) Water, exposure to solvents or any other liquid damage.
- (d) Any unauthorized repair or modification.
- (e) Power surges, lightning damage, fire, flood or other events outside ZTE's reasonable control.
- (f) Use of the product with any unauthorized third party products such as generic chargers.
- (g) Any other cause beyond the range of normal usage for products.

The End User shall have no right to reject, return, or receive a refund for any product from ZTE under the above-mentioned situations.

Note: Consult the warranty card for full information.

16 Environmental Statement

The ZTE handset is made using the latest manufacturing techniques and environmental standards to reduce waste and hazards to the environment. However at the end of life of the equipment the manufacturer recommends that you return the handset and accessories to the nearest re-cycling depot or send it to our recycling agent below. Valuable materials such as gold, silver, and copper can be recovered from the handset. Any toxic materials are prevented from entering the environment and the waste materials are recycled.

At the end of life of the equipment please send the handset, batteries and charger to:

MRI (Australia) Pty Ltd
20-24 Dennis St
Campbellfield
VIC 3061
www.mri.com.au

or

MRI Sydney
1 – 4 Bentley Street
Wetherill Park
NSW 2164

MRI Australia recycles every part of the equipment and diverts over 90% of the materials from landfill for re-use.

17 General Safety and Maintenance Information

The handset contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and pay attention to the following points:

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- Handle the handset with care. Do not drop or throw the handset down roughly.
- Do not immerse in any liquid. The handset contains a liquid detection sticker and the warranty will be voided by any liquid damage.
- Do not place the handset near computer disks, credit cards, and other magnetic media. The information contained on disks or cards may be erased or damaged.
- Do not leave the handset or battery in direct sunlight or near other heat sources where temperatures could exceed 45°C.
- Keep the handset, battery, charger and other accessories away from children.
- In the unlikely event of a battery leak avoid contact with your eyes or skin. Flush with water and consult a doctor.
- Observe and obey warning signs at petrol stations, airports and hospitals.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected by the handset.
- Take care not to allow metal objects such as coins or keys to come into contact with the battery terminals.
- Do not dispose of batteries in a fire.
- Do not throw used batteries into household rubbish, return them to a recycling point
- Do not connect the handset to any other chargers or cigarette lighter chargers.
- Only use the supplied charger.
- Be careful not to pierce the battery with sharp objects and do not use damaged batteries.
- Do not disassemble or modify the battery.
- Stop using the battery if abnormal heat, odour, discolouration, deformation, or abnormal condition is detected during use, charge, or storage.
- Do not put the battery in your mouth.

- Only use original replacement batteries.
- Do not attempt to dismantle the handset or any of its accessories.
- Do not place the handset close to the edge of a table in case it moves when set on vibrate mode.
- Do not put the handset into a microwave oven, dryer, or high-pressure container.
- Don't use the handset immediately after a sudden temperature change eg. from an air conditioned environment to high temperature and humidity outside. In such cases there could be condensing moisture inside the handset which can cause internal damage. Switch off and leave for 30 minutes before use.
- Do not use the handset while driving or operating other machinery.
- Do not use the handset where blasting is in progress.
- Switch the phone off when boarding aircraft.
- Do not leave the handset at the bottom of a bag where it may be damaged by sharp objects.
- At high volume, prolonged listening to audio devices can cause hearing loss.
- Do not leave the handset discharged or disconnected for a long time, otherwise your personal data may be lost.
- Remember to make backup copies of all important data on the handset.
- Take care when the phone is in your pocket. Sitting down may damage the handset.
- It is normal for the handset to become warm while the battery is being charged.
- Under poor network conditions battery life is considerably reduced.
- When the battery is thrown away cover the terminals with insulating tape.
- Please recycle the packaging and all parts
- Emergency service coverage is dependant on network availability and battery status.
- It is always good practice to switch off the handset regularly.
- Do not expose the handset to oils or solvents.
- If you have an alarm set the handset switches on at the prescribed time.

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