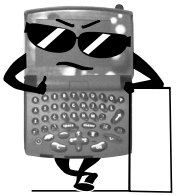
MOTOROLA

User's Guide

series

Personal Communicator

Model V100
GSM900/1800 MHz



Introduction

Congratulations! You are now the proud owner of a Motorola® V100 Personal Communicator. Your new Personal Communicator combines advanced calling and messaging capabilities in a small compact unit that is stylish, easy to use, and will look great on you when you wear it with the holster.

Your new Personal Communicator provides cool and exciting ways to keep in contact with your family, special friends, and your mates. Just review this user guide carefully and you will be ready to start using your new Personal Communicator.

A detachable Quick Reference Card is included with this guide.

Personalised Control

You can setup your Personal Communicator to access important messages, phone numbers, and features quickly. You can even answer calls with just one push of a button, even when your Personal Communicator is closed. When you are performing routine tasks, your Personal Communicator provides prompts and messages that assist you with the next task or confirms your selection.

- You can add nine of your most used features in your Quick Access menu so you can get to them with just a couple of presses of a button.
- With Voice Notes, you can record notes to yourself or parts of a call. This is quite convenient for taking directions or messages, especially if you don't have paper and a pen.

- Voice Tags lets you add voice activated commands to call your phone book entries. You can also add voice commands to select Quick Access options.
- The ◆ button lets you display your book entries quickly. Just one press and you're there!
- When your Personal Communicator is closed or in the holster, press OK, located on the outside of your Personal Communicator, to answer a call quickly and easily.
- With VibraCall™, your Personal Communicator alerts you of new messages and calls with a vibration if you don't want to disturb others, or if you are in a noisy environment.
- You can personalise the menus by choosing the features you want readily available and storing the ones you use less frequently out of sight. See "Extended Menus" on page 59 for more details.

Contents

Safety 5
Getting Started..... 11
Installing the SIM Card and Battery 11
Control Buttons 13
The Display 15
Backlight 15
Turning On Your V100 Personal Communicator 16
Entering your SIM Card Personal Identification Number (PIN) 16
Entering your Unlock Code 16
Turning Off Your Personal Communicator....16
Tips on Using this Guide 17
The Main Menu 17
Menu Navigation 17
Entering the Menus 17
Getting Around in the Menus 17
Exiting the Menus 18
How to Use the Control Buttons.....18
Prompts and Messages 19
Testing your V100 Personal Communicator .19
SMS Messages..... 20
Sending an SMS Message 20
Receiving and Reading an SMS Message 21
Sending Email Messages using SMS.....22
Making a Call..... 22
Ending a Call..... 23
Receiving a Call..... 23
In-Call Menu 24
Hold Call 24
Make a New Call 24
Turn Mute On or Off 24
Restrict My Number 24
End Active Call 25
Conference Calls 26
Transfer Calls 27
Split Call 27
Reject Waiting Call 28
Voice Notes 28
Recording a VoiceNote.....28
Voice Activation..... 29
Adding Voice Tags for Phone Book Entries 29
Using Voice Activation with Phone Book Entries.....31
Access Internet..... 32
Mobile Internet Home Menu 32
Internet Browser Menu 33
Using the Soft Keys 33
Mobile Internet Messages 34
Entering or Editing Text Within a Mobile Internet Session 34
Setting Up for Mobile Internet Access 35

Setting a Bookmark....36
Internet Service Alerts....36
Making and Receiving Calls During a Mobile Internet Session....36
Ending a Mobile Internet Session....36
Phone Book....37
Voice Dialling....38
Personal Numbers....39
Last Ten Calls....41
My Phone Numbers....41
Fixed Dialling....41
One-Touch Dial Setting....42
Alarm Clock....43
Call Related Features....44
Restrict My Phone Number....44
Call Diverting....45
Call Waiting....46
Call Barring....46
Messages Menu....48
Call Voicemail....48
Received Messages....48
Outgoing Messages....50
Message Editor....51
VoiceNotes....52
Cell Broadcast....53
Message Settings....54
Phone Setup....55
Select Phone Line....55
Adjust Ring Volume....55
Set Message Alert Tone....56
Edit Music Tone....56
Quick Access Setup....57
Phone Lock....57
Adjust Contrast....58
New Security Code....59
Extended Menus....59
Show Time and Date....59
Set Time and Date....59
Set Time Format....60
Language Selection....60
Select Keypad Tones....60
Phone Status....60
Network Selection....62
Change Band....62
Available Networks....62
Network Search....63
Find New Network....64
Call Meters Menu....65
Quick Access Menu....68
Adding Location Numbers to Features in Your Quick Access Menu....68
Adding or Editing Voice Tags to Features in Your Quick Access Menu....69
Non-Roman Characters....70
Accessories....72
Troubleshooting....73
Use and Care....76
Index....82

Safety Information

Exposure to Radio Frequency Signals

Your Personal Communicator is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

International agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrotechniker (VDE) DIN-0848
- United States Federal Communications Commission, Radio Frequency Exposure Guidelines (1996)
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95. 1-1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Ministry of Health (Canada), Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the updated ANSI standard.

The design of your Personal Communicator complies with these standards when used normally. These standards are based on extensive scientific review. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the updated ANSI standard.

The design of your Personal Communicator complies with these standards when used normally.

Aerial Care

Use only the supplied or an approved replacement aerial. Unauthorized aerials,

modifications, or attachments could damage the Personal Communicator and may violate local agency regulations.

Operation

Normal Operation - The communicator is designed to be used with a headset for talking and listening. The communicator can also be placed inside the holster, then the holster can be clipped onto your belt, pocket, handbag, or other apparel and used with the headset.

Tips on Efficient Operation - Observe the following guidelines to operate your Personal Communicator most efficiently.

- Extend your aerial fully, if applicable.
- Do not touch the aerial unnecessarily when the Personal Communicator is in use. Contact with the aerial affects call quality and may cause the Personal Communicator to operate at a higher power level than otherwise needed.

Batteries

Caution: All batteries can cause property damage, injury, or burns if a conductive material, such as jewellery, keys or beaded chains, touches exposed terminals. The material may complete an electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, handbag, or other container with metal objects. When the battery is detached from the Personal Communicator, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Observe the following guidelines when using your Personal Communicator while driving.

- Give full attention to driving--driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain equipment may not be shielded against the RF signals from your Personal Communicator.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should ALWAYS keep the Personal Communicator more than six inches from their pacemaker when the Personal Communicator is turned ON
- should not carry the Personal Communicator in a breast pocket
- should use the ear opposite the pacemaker to minimise the potential for interference
- should turn the Personal Communicator OFF immediately if you have any reason to suspect that interference is taking place

Hearing Aids

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

Other Medical Devices

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

Turn your Personal Communicator OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your Personal Communicator **OFF** in any facility where posted notices so require.

Aircraft

Switch **OFF** your Personal Communicator before boarding an aircraft.

Airline regulations prohibit using your Personal Communicator while in the air. Check and comply with the policy of your airline regarding the use of your Personal Communicator while the aircraft is on the ground.

Blasting Areas

To avoid interfering with blasting operations, turn your Personal Communicator OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your Personal Communicator **OFF**, do not remove your battery when you are in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks from your battery in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fuelling areas such as petrol stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odours are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

European Union Directives Conformance Statement

This product is in conformance with the requirements of the applicable EU Council Directives. Declarations of Conformance with the requirements are located at:

Motorola Ltd.

Personal Communications Sector -

Europe, Middle East and Africa
Midpoint, Alençon Link
Basingstoke, Hampshire RG21 7PL
United Kingdom

APPROVED for connection to telecommunications systems specified in the instructions for use subject to the conditions set out in them.

S/1357/4/V/503894

Getting Started

Installing the SIM Card and Battery

Before you can send or receive messages or calls, you need to install your SIM (Subscriber Identity Module) card and the battery. The SIM card that was supplied by your service provider contains your Personal Communicator's number, service details, and memory for storing numbers and messages.

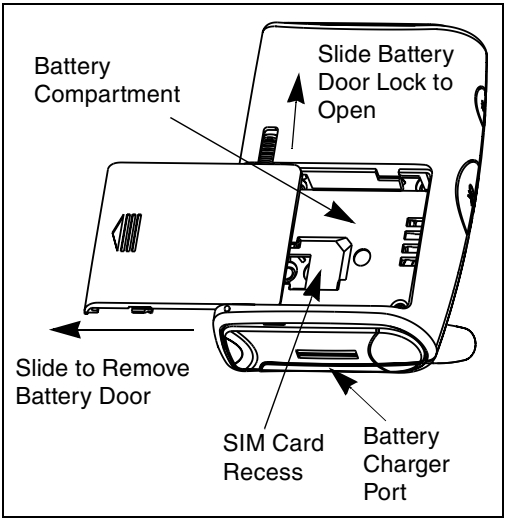
Note: Some networks let you make emergency calls without a SIM card.

Note: Your SIM card can be used in someone else's personal Personal Communicator and you will be charged for the call, so keep it in a safe place. Do not bend or scratch it and do not expose it to static electricity or water.

SIM Card and Battery Installation

1. Remove the battery cover.
2. Slide the SIM card into the recess so that the notch in the card lines up with the notch in the recess.
3. Align the contacts on the battery with the contacts in the battery compartment and press downwards toward the contacts until the battery clicks into place.
4. Replace the battery cover.

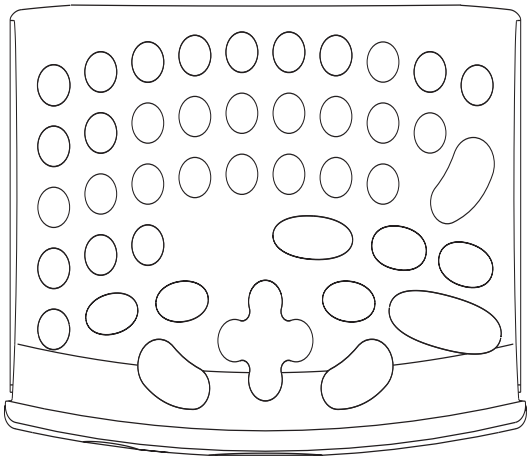
Note: If the SIM card is inserted incorrectly, "Check Card" is displayed. Remove the SIM card and re-insert it. If the card does not work, contact your service provider.



Charging your battery:

- Charge the battery by inserting the adapter plug into the port on your Personal Communicator and plugging the adapter into a wall outlet.
- Charge your battery at room temperature and never leave it in really hot, cold, or wet places.
- Charge only Motorola batteries in your Personal Communicator.

Control Buttons



Entering Numbers in Text Mode

- To type a single number, press (alt) then type the number.
- To type a series of numbers, press (alt) (alt). To stop entering numbers, press (alt) (alt) again.

Storing an SMS Message

1. Press (✎) and type your message.
2. Press (OK).
3. Select the store option, then press (OK). Your message is automatically stored in the Outgoing Message folder.

Receiving and Reading an SMS Message

Cool...I got a message! Before long you'll be getting a lot of messages.

When an SMS message is received, your Personal Communicator alerts, displays ✉ and stores the message. If there is not enough memory to store the message, ✉ flashes. One or more messages must be deleted before the message can be stored.

1. Press (✉) to read the message.
2. Select your view options for the message and press (OK).
3. You can reply to the message, store it, or delete it.

Sending Email Messages using SMS

Contact your service provider to find out if this option is supported and to get the email server number.

Here's an example of what you type to send a "Hello" message to email address "abc123@isp.com": ***abc123:isp.com#Hello***.

Making a Call

Note: Don't forget to use your headset so you can hear your call. Use ✤ to decrease or increase the volume level.

Note: You can press ◆ to quickly go to your Phone Book, select the number you want to call, then press OK.

Enter the phone number then press OK.

Note: If you make a mistake, press and release C to remove the last character, or hold down C to remove multiple characters.

International Phone Calls

1. Press and hold ***0*** (zero) until + is displayed.
2. Enter the country code, then the phone number. The country code follows the conventional format, 49 for Germany, 44 for the UK, 46 for Sweden, etc.

As for a conventional international call, remove the first "0" of the area code when you dial.

GSM Emergency Calls

The world-wide GSM standard provides a single number, 112, to dial in cases of emergency. The emergency call is directed to a central operator. The call can be made without any security codes and, depending on the network, without a SIM card inserted.

To dial the GSM emergency number, press ***112*** (OK).

Ending a Call

Press (OK) or (C).

Redialling the Last Number Called from Standby Mode

Press (OK) (OK) (OK).

Receiving a Call

Note: Don't forget to use your headset so you can hear your call. Use ✣ to decrease or increase the volume level.

Press (OK) to answer the call.

Note: When your Personal Communicator is closed or in the holster, you can press (OK), located on the outside of your Personal Communicator, to answer a call right away.

In-Call Menu

There are lots of things you can do during a call. To access the in-call menu, press menu during a call, to exit the menu, press C.

Note: Menu selections depend on the state of the call, the type and setting of your SIM card, and your subscription to these services. The following paragraphs explain all possible options.

Hold Call

You can place a current call on hold and accept an incoming call, or start a second call.

To put an Active Call On Hold

1. Press menu OK.
2. To reconnect, press OK.

Make a New Call

Select this option to put an active call on hold and make a call to someone else.

1.Press menu.

2.Select the make a new call option, enter the number, then press OK.

3.To end the new call and go back to your first call, press OK OK OK.

Turn Mute On or Off

Turns the microphone off during a call. Select again to turn the microphone back on.

Restrict My Number

You can keep your Personal Communicator's number a secret while you make a call.

End Active Call

When a call comes in while you are already on a call, you can end the active call.

1. Press OK to put the active call on hold.
2. Press menu, select the end active call option, then press OK.

Note: If you have a call on hold, it becomes your active call.

Reconnect

Use to go back to a call that's on hold.

Reconnect Held Call

This is similar to Reconnect. If you have a call on hold, and a call waiting, select this option to connect with your held call.

End Held Call

Time to say bye to the person you put on hold.

1. Press menu.
2. Select End Held Call, then press OK.

End Current and Held Call

Select this to say bye to everyone.

Conference Calls

Let's have a phone party! If you have both Conference Call and Call Waiting, you can talk to up to 5 people at the same time.

Starting a Conference Call

1. Call one of the people you want to conference with.
2. Place the active call on hold, dial another phone number, then press OK.
3. Press menu then select Conference Call.

   Note: There may be times when your request is not successfully completed. Wait a little while, then try your call again.

To Add a Person to your Conference Call

1. Place the Conference Call on hold.
2. Add a new call by:
   - Entering the phone number.
   - Making a new call.
   - Recalling a Phone Book Entry.
   - Answering a Call Waiting.
3. Select In-Call then Conference Call to bring in the new call.

Transfer Calls

If you have both Conference Call and Call Waiting, you can transfer a call to another phone.

Initiating Transfer Call Before the Third Party is Connected

1. Press (menu) and select the transfer call option.
2. Enter the number to where you want the call transferred, then press (OK). When the call is transferred, you are disconnected automatically.

Note: There may be times when a call transfer is not completed successfully. Please try again.

Initiating Transfer Call After the Third Party is Connected

Press (menu) and select the transfer call option. After the call is transferred, you are disconnected automatically.

Split Call

Want to share a secret or a private joke with someone? Split call allows you to separate a conference call member and have a private conversation with them.

Note: You cannot have any calls on hold to have a split call.

1. Press (menu) then select Split Call.
2. Press ✤ until the phone number of the person you want to separate from the conference call is displayed, then press (OK). You can now talk privately to the person.
3. To re-join both of you to the Conference Call, re-select Conference Call from the In-Call menu

Reject Waiting Call

When you're too engaged to talk, you can reject an incoming call by pressing and holding ⓒ.

Voice Notes

With VoiceNotes, you can record up to three minutes of voice messages for yourself or record part of a call. You can record when your Personal Communicator is idle, when you are on a single call, or when you are on an active call with a waiting call.

Recording a VoiceNote

1. To start recording, press ⓨ.
2. To stop recording, press ⓨ again.

Notes:

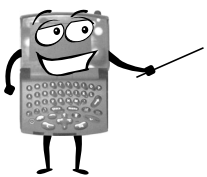
- When recording a call, both parties are recorded and the other party hears a tone every 10 seconds.
- Recording stops automatically if you accept or make a call.
- While recording, your Personal Communicator alerts you at ten seconds, and again at one second before recording capacity is reached. If you do not stop recording, recording automatically stops.

To listen to your VoiceNote, select VoiceNotes from the Messages menu.

Voice Activation

With Voice Activation you can dial a phone number or access a feature with a single spoken command called a Voice Tag.

You can assign Voice Tags to Phone Book numbers and to Quick Access features.



Important Notes:

- You cannot assign Voice Tags to numbers in your SIM card memory.
- When recording a Voice Tag, you cannot make or receive calls.
- For best results, make sure there is no background noise and speak in a clear, natural voice when recording.
- Your Personal Communicator can record two seconds for each Voice Tag.
- You cannot record Voice Tags if you have selected to prevent access to phone memory, see “Prevent Access” on page 40.

Adding Voice Tags for Phone Book Entries

You can have up to 25 Phone Book Voice Tags, and add a new Voice Tag when you set up a Phone Book entry.

Add Voice Tag

When you add an entry to your Personal Numbers list, your Personal Communicator asks you if you want to add a Voice Tag. If you don't want to add a Voice Tag, press C.

To add a voice tag:

1. Press OK.

   Note: If there are already 25 Phone Book Voice Tags in your Personal Communicator, you need to delete one before you can add another.
2. When prompted by the Personal Communicator, press OK and record after the tone.
3. When recording is successful, your Personal Communicator returns to the Add To Phone Memory menu.

   Note: If the recording is not successful, the Personal Communicator prompts you to record again.

Add or Edit Voice Tag

If an entry already has a Voice Tag, ♪♪ is shown before the location number.

1. Find the entry either by name or location.
2. Press OK, then select to add or edit the Voice Tag.
3. To add or edit the Voice Tag, follow the steps in "Add Voice Tag" above.

Delete Voice Tag

1. Find the entry either by name or location, see "Personal Numbers" on page 39.
2. Press OK, select the delete option, then press OK again.

Using Voice Activation with Phone Book Entries

You can easily access phone book entries that have Voice Tags assigned to them.

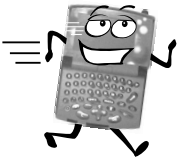
Voice Activation from the Standby Mode

1. Press ◆. When prompted, say the Voice Tag name. The Personal Communicator highlights the matching entry in your phone book list. If there is no matching entry, the Personal Communicator highlights an alternate entry in the list.
2. Press OK to make the call, ✤ to select a different entry, or C to cancel.

Voice Activation from the Phone Book Menu

1. Select Voice Dialling from the Phone Book menu.
2. When prompted, press ◆.
3. When prompted, say the Voice Tag name. If a matching entry is found, the Personal Communicator highlights it or highlights an alternate entry in the list.
4. Press OK to make the call, ✤ to select a different entry, or C to cancel.

Access Internet



When you're on the go, you can still keep up with the latest news, sports scores, entertainment stories, check flight status, and much more. Access Internet is a network and subscription-dependent feature that offers mobile internet access of Information Services and certain web sites using the Wireless Application Protocol (WAP). Contact your service provider for details about these services.

Mobile Internet Home Menu

Note: Your service provider determines the layout and information shown on your Personal Communicator.

After connection is made, your ISP's Home menu is displayed. A typical Home menu page might contain the name of your ISP and a list of options to select from.

1. Highlight the option menu you want, then press OK.
2. To return to the previous screen, press C.

If the text in a menu is too wide for the screen, the Personal Communicator uses two screens and repeats each half of the menu until you make a selection.

Internet Browser Menu

To display the browser menu:

1. Press and hold menu for at least 2 seconds.

Note: If you release menu too quickly, you might enter the menu for the currently highlighted option.

2. Scroll to the menu selection you want, then press OK.

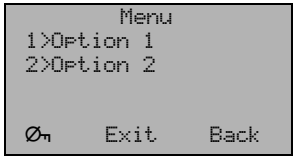
A typical browser menu might include:

- Help - provides help for the previously highlighted option.
- Home - return your to your ISP's home page.
- Mark site - lets you add a site to your Bookmarks folder.
- Setup - contains the options to set up your ISP access.

Using the Soft Keys

During a mobile internet session, the functions of the menu and OK buttons change to accommodate the current display. In the example display, to go back to the previous screen, you need to press OK, to quit and exit, you need to press menu.

When you want to go to a previous screen, press C.



Soft Keys Example

Mobile Internet Messages

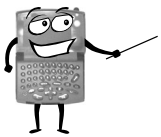
Messages displayed in the bottom left portion of the screen indicate when activites such as receiving or sending data, connecting to the internet, and internet activities are being performed. A Ø¬ indicates you are in a non-secure internet location.

Note: Your ISP determines the icons and messages displayed on your Personal Communicator.

Entering or Editing Text Within a Mobile Internet Session

You can enter or edit text the same way you do for all other text functions. However, you can't access the non-Roman characters.

- For a single capital letter, press and release shift.
- For multiple capital letters, press shift shift. To switch back, press shift shift again.
- Press C to erase the previous character, press and hold for multiple characters.
- For ~, press alt shift ***t***.
- For a single number, press alt then type the number.
- For a series of numbers, press alt alt. To stop entering numbers, press alt alt again.



Setting Up for Mobile Internet Access

Your service provider may set up your mobile internet access for you. If not, you will need the following user information to set it up:

•Primary Data Gateway: the IP address to access the mobile internet.
•Phone Number: the number your Personal Communicator calls to access the internet. This is provided by your ISP.

- **User Name:** provided by your ISP.
- **User Password:** provided by your ISP.
- **Baud Rate:** this is likely to be 9600, the standard data rate for GSM phones.
- **Idle Time Out:** the amount of time the Personal Communicator waits before hanging up if it detects no internet activity.
- **Line Type or Port:** modem or ISDN.
- **Connection Type:** non-transparent or transparent.

To set up your mobile internet access:

1. From the browser menu, select Setup, then press OK.
2. Enter your user information by first selecting an item and choosing the softkey to edit it as necessary.
3. When you have entered all information, exit to the Standby Screen, turn your Personal Communicator off and then on again to register all information or changes.

Setting a Bookmark

You can set up bookmarks so you can quickly access your favorite internet sites.

1. From your browser menu, select Mark Site.
2. Press any key from 1 to 9 when prompted. The Personal Communicator provides a confirmation message that the bookmark has been stored.
3. To go back to the bookmark, press and hold the appropriate location number key (1 to 9).

Internet Service Alerts

You do not need to be using the mobile internet to receive an internet service alert. When you receive an alert, your Personal Communicator displays a screen with the details. Press OK to view the contents or C to reject it.

Making and Receiving Calls During a Mobile Internet Session

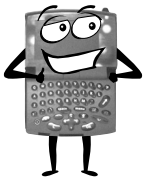
You must first end the mobile internet session, then make your call in the normal way. If you receive a call, press OK to accept it C to reject it.

If you answer a call, press OK to resume your mobile internet session or C to return to the Standby mode.

Ending a Mobile Internet Session

Press and hold C until your ISP's Home page is displayed, then press C again.

Note: To quickly exit a mobile internet session, press ◆.



Phone Book

You can store important numbers in your Phone Book so you can retrieve them quickly and easily.

Your Personal Communicator can store 100 entries and the SIM card can store up to 155 entries in your Personal Numbers list. The number of SIM card entries varies depending on the type of SIM card issued by your service provider.

You can store up to 40 entries in a Fixed Dialling list, if you have this feature. Fixed Dialling allows limited use of your Personal Communicator to particular numbers, or, if you wish, to country codes, area codes, or other prefixes of your choosing.

Each Phone Book entry contains:

- A telephone number. Up to 32 digits can be stored, but this is reduced to 20 digits for SIM card locations.
- A name. Up to 16 characters for phone locations. Up to 50 characters for SIM card locations.
- A location label - from 1 to 255 in your Personal Numbers list, or 1 to 40 in your Fixed Dial list.

Inserting Pauses Into Phone Numbers

Pauses can be inserted into a string of numbers to allow the called number time to react to certain activities such as going into voice mail or entering a password.

To insert a three-second pause in a phone number, press and hold (*) until ▫ is displayed.

For example, you have voicemail on 555-6911, with mailbox number 1066 and password 2001. Then you can dial: 5556911▫1066▫2001 then press OK.

The first part of the number calls the voicemail system. When the call is answered, there is a pause before the tones for 1066 are sent. Then there is a second pause before the tones for your password of 2001 are sent.

Voice Dialling

You can quickly access a phone number that has a Voice Tag assigned to it.

1.When selected, your Personal Communicator prompts you to press the Smart button ◆.

2. Next, you are prompted to say the name (Voice Tag) after the tone.
3. Press OK to make the call, or highlight a different selection then press OK.

Personal Numbers

Use to create and manage your list of personal numbers.

Find Entry By Name

Use to find a number from your list of Phone Book names by typing up to three of the first characters of the name, then press OK.

Find Entry By Location

Use to select a number from your list of Phone Book locations.

1. At the prompt, enter a location number, then press OK. If the number is not valid, the Phone Book list is displayed and the number closest to your entry is highlighted.
2. Use ✤ to navigate through the entries.
3. Press OK to make your selection. From the submenu select:
   - Switch View - to display the information for the selected entry.
   - Call Number - to call the selected number.
   - Modify Name or Details - to modify the information for the selected entry.
   - Erase Name and Number - to delete the phone book entry.
   - Add or Edit Voice Tag - to add or edit a Voice Tag.

Add Entry

Allows you to add a phone number and name to the Personal Communicator's (phone) memory or to SIM card memory.

1. When prompted, enter the phone number, name and a location number. If you do not specify a location number, the entry is stored in the next available location.
2. The Personal Communicator then asks if you want to enter a Voice Tag. For information about Voice Tags, please see "Add Voice Tag" on page 30.
3. If you don't want to add a Voice Tag, press C.

Check Capacity

Use to check the number of free Phone Book or SIM card memory areas. From the submenu you can:

- Check Phone Capacity and Check SIM Capacity - displays the phone and SIM capacity.

Prevent Access

Select to prevent access to your Personal Numbers list.

Note: You will not be able to record Voice Tags if you choose to prevent access to phone memory.

- To SIM Card Memory, To Phone Memory, To Phone & SIM Memory, No Memory Restrictions - You can prevent access to your SIM card memory, the Personal Communicator's memory, both, or cancel all access restrictions. To change restrictions, follow the instructions given by the Personal Communicator.

Last Ten Calls

When selected, allows you to review time and date information of your last 10 missed or answered calls, or to calls you made. Depending on your selection, you can redial a phone number, store a phone number, or erase all of the phone numbers.

Note: This list is erased when a new SIM is inserted in the Personal Communicator.

My Phone Numbers

When selected, displays your list of phone, fax and data numbers. From the submenu, you can:

- Modify Name or Details - to make changes to the selection.
- Switch View - to display information for the selected entry.

Note: The list is stored on your SIM card. Depending on your service provider, one or more of these entries is already defined and you may not be able to change them.

Fixed Dialling

Limits the use (typically third-party) of your Personal Communicator to a predefined list of telephone numbers, country codes, area codes, or other prefixes. When set, the Personal Communicator does not allow dialling of any number other than an emergency number. This option may be affected by the call barring setting.

View Fixed Dial List

Use ✤ to scroll through the numbers in the list. Press OK to make a call.

Setup Fixed Dialling

Use to turn Fixed Dialling on or off, and to enter or change entries in the list. After you enter your PIN2 code, you can:

- Edit Entry - scroll to the entry you want to change, press OK to edit the entry or C to erase it.
- Add Entry - to add a phone number and name, and a location number. If you do not specify a location number, the entry is stored in the next available location.
- Erase Entry - scroll to the entry you want to delete then press OK.

Note: Fixed Dialling does not allow you to make fax or data calls.

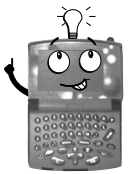
To make a call when Fixed Dialling is on, dial the number manually, or select it from the Fixed Dial list.

One-Touch Dial Setting

You can specify which phone book list is one-touch dialled. The selections are:

•To Phone Memory - changes One-Touch Dialling to your Personal Numbers list (locations 1 to 9).

- To SIM Card Memory - changes One-Touch Dialling to your Personal Numbers list stored on your SIM card (locations 101 to 109).
- To Fixed Dial list - changes One-Touch Dialling to your Fixed Dial list (locations 1 to 9).



One-Touch Dialling from Phone Book Numbers

To quickly retrieve and dial a number stored in one of the first nine locations of your Phone Book, press and hold the appropriate number key. For example, press and hold ***2*** to call the phone number stored in location 2 of your phone book.

Dialling Phone Book Numbers with Smart Button

- Press ◆ and say the Voice Tag name after the tone.
- Press ◆ then scroll to the number, or press the appropriate number to skip to a particular letter.

Alarm Clock

You can set up to 5 alarms on your Personal Communicator, and attach a 40-character memo to each alarm.

Set Alarm

Each alarm can be set to alert on a specific day and time, daily, weekly, every Monday to Friday, or every Monday to Saturday.

1. To set an alarm, select the day(s) for the alarm to occur.
2. When prompted, enter the alarm time using the numbers on the keypad, then press OK.
3. When prompted, enter your reminder memo then press OK.

Note: Depending on your alarm selection, you may be required to enter the date for the alarm.

Show Alarm Status

When selected, displays the alarms that are set. Use ✣ to select an alarm. From the submenu, you can:

- Switch View - see the details for alarm. Select Switch View again to return to the previous screen.
- Edit Alarm - change the time, date, and attached memo.
- Disabled Alarm - suspends (but does not delete) the alarm.

Call Related Features

Show Battery Meter

Displays the remaining battery charge. The more segments displayed, the more battery charge is left.

Restrict My Phone Number

This is a network dependant feature. Please check with your service provider for more information.

Show ID on Next Call

Sends your Personal Communicator's number with the next call.

Restrict ID on Next Call

Prevents your Personal Communicator's number from being sent with the next call. You need to reselect this option each time you want to restrict your ID.

Call Diverting

You can have incoming calls sent to other phone numbers.

Note: You cannot set call divert when you are out of your network coverage area.

Divert Voice Calls

You can have all voice, fax, and data calls sent to other phone numbers. From the submenu you can:

- Divert When Unavailable - diverts all incoming Voice calls to a single number whenever your Personal Communicator is unavailable. To divert, select On, then enter a diversion phone number.

  Note: When set to On, has the same effect as setting all “Detailed Diverting” options to On and takes priority over Detailed Diversion settings.
- Divert All Voice Calls - divert all incoming Voice calls to a single number. To divert, select On, then enter a diversion phone number.

  Note: When set to On, this option takes priority over all other Voice call diversion settings.
- Detailed Diverting - diverts Voice calls to different numbers, depending on the current status of your Personal Communicator. The selections are:
  - If Busy - diverts incoming calls when your Personal Communicator is engaged.
  - If Not Reachable - diverts incoming calls when your Personal Communicator cannot be contacted by the network.
  - If No Answer - diverts incoming calls when you do not answer.

- Divert Fax Calls - diverts Fax calls to a single number. When set to On, you need to enter a diversion phone number.
- Divert Data Calls - diverts Data calls to a single number. When set to On, you need to enter a diversion phone number.
- Cancel All Diverting - cancels diversion of incoming calls, resets all diversion settings to Off, and removes all diversion numbers.

Call Waiting

When set to On, you are notified of a waiting call by an audible alert and by a call waiting message. Press OK to answer the call or C to reject it.

If you have Caller Line Identification, the caller's number or name is displayed instead of the Call Waiting message. Availability of this feature depends on your service provider.

Call Barring

Call barring is a network feature which can be used to bar outgoing and incoming calls. If you change the setting, you may be asked to enter your barring password. There is a short delay while the Personal Communicator notifies the network of the new setting. When the change is made, the Personal Communicator displays a confirmation message.

Note: The *initial* password is supplied to you by your service provider. This option may be affected by the Fixed Dialling setting.

Bar Outgoing Calls

- Int'l Calls - bars all outgoing international calls.
- Int'l Calls Except Home - bars all outgoing international calls except those to your home country.
- All Calls - bars all outgoing non-emergency calls.
- Off - removes call barring for all calls.

Bar Incoming Calls

- When Roaming - bars incoming calls when you are roaming.
- All Calls - bars all incoming calls.
- Off - removes call barring for all calls.

Cancel All Barring

Cancels this option for all calls.

Change Bar Password

When prompted, enter the current password, then enter and confirm a new 4-digit password.

Messages Menu

Call Voicemail

Select to make a call to your voicemail number.

Received Messages

Note: For quick access, press ⓜ.

Displays the number of new and old SMS messages, then displays the message list.

1. Use ✣ to scroll through your message list.
2. Most times, only a portion of your message is displayed. To view the entire message, press OK to see your options.

Switch View

Displays the entire message. Press OK return to the view options screen.

Delete Message

Deletes the message.

Note: Before you delete a message, make sure the message you want deleted was selected in your received message screen.

Retrieve Numbers

You can retrieve all numbers embedded inside a SMS message. You can call the number, store it into your Personal Communicator, or store it into SIM card memory. Press OK while viewing the numbers.

Note: Only 20 characters (32 characters, if GSM1900) of a number can be retrieved. If the number is longer than allowed, the remaining characters are not retrieved. Space and - (dash) characters are not counted as part of the character length.

Reply to Message

Type your message then press OK to send it.

Return Call

When there is a phone number attached to a message, you can call the person who sent the message to you.

Edit Message

You can use the message editor to edit the message. Then you can either send the edited message or store it in your Outgoing Message list.

Go to Next Message

Displays the next message in the list.

Delete All Messages

Deletes all messages, read and unread.

Note: Once deleted, messages are not retrievable. It's a good idea to make sure you have read all your messages before deleting them.

Outgoing Messages

Note: You cannot send outgoing messages until the Message Service Center number has been set.

You can view and manage your outgoing messages that are stored on your SIM card. When selected, the number of messages is displayed followed by the first message in the list.

To send a Stored SMS Message

Select the message from your message list, press OK to view your options, then send it.

Switch View

Displays the entire message. Press OK return to the view options screen.

Send Message

Add the destination phone number then send a message. From the submenu select to either enter the number, find it by name, or find it by location.

When you have set up a destination phone number, select OK to send the message, press OK again to confirm.

Edit Message

Use to edit a message, then send or store it in your Outgoing Messages list.

Delete Message

Use to delete the current message.

Note: Before you delete a message, make sure the message you want deleted was selected in your received message screen.

Go to Next Message

Use to display the next outgoing message.

Message Editor

Compose an SMS message and send it to a friend, or store it to send it later.

- For a single capital letter, press and release (shift), then type the letter.
- For multiple capital letters, press (shift) (shift). To switch back to lowercase letters, press (shift) (shift) again.
- Press (c) to erase the previous character, press and hold to erase multiple characters.
- To enter non-Roman characters, see “Non-Roman Characters” on page 70.
- For a single number, press (alt) then type the number.
- For a series of numbers, press (alt) (alt). To stop entering numbers, press (alt) (alt) again.

Note: You don’t always have to come to this menu to get to your message editor, you can press (☎) from any screen for immediate access.

VoiceNotes

Play, erase, or show remaining time available for your recorded VoiceNotes. See “Voice Notes” on page 28 for more information.

Play VoiceNote

1. Scroll to the VoiceNote you want to play, then press OK.
2. Press C to stop playback.
3. To erase, set an alarm for a VoiceNote, or go to the next VoiceNote, press OK to display the options menu.
   - Erase VoiceNote - erases the selected VoiceNote
   - Set Alarm (Alarmed VoiceNotes) - You can set an alarm to up to 5 VoiceNotes. For more information, see “Set Alarm” on page 43.
   - Go to Next VoiceNote - selects and plays the next VoiceNote in the list.
4. Press C to return to the previous menu.

Show Time Available

Displays the remaining recordable time.

Erase All VoiceNotes

Erases all recorded VoiceNotes

Cell Broadcast

These are general messages that your service provider broadcasts in numbered channels to all Personal Communicators in a geographic area. Please contact your service provider for a list of available channels and the information they provide.

Note: Your Personal Communicator can receive these messages only when it is in Standby mode.

While a broadcast message is scrolling across the screen, you can:

- To stop and start the message, press ✤.
- To remove the message, press Ⓒ.

Note: The ✤ functions change while you are receiving a cell broadcast message. You need to remove the message before ✤ functions return to normal.

When the message is complete, the beginning of the message remains displayed until you remove it, a new message arrives, or you leave the geographic area.

From the Cell Broadcast submenu, you can select On to receive these messages, or Off to stop receiving them.

Note: Selecting Off causes deletion of all stored cell broadcast messages.

Channel List

- Channel Index - displays a list of available channels that you can edit. When you edit a channel, you also remove any message associated with it. Select the channel index you want to modify then press Ⓞ. Type in the channel number and press Ⓞ. The channel details are stored and your Personal Communicator returns to the channel index list.
- Delete All Channels - to delete all channels.

Language List

Use to select a different language for Cell Broadcast messages. Availability depends on the type and settings of the SIM card, and/or your subscription to this feature.

Message Settings

Voicemail Number

You can enter, modify, or delete your voicemail number.

Note: Remember to add the + symbol and the appropriate country code prefix to the phone number.

Service Centre

You can modify or delete it as desired. Remember to add the + symbol and the appropriate country code prefix to the phone number.

Note: Before you can send messages, you need to enter your Message Service Centre number provided by your service provider.

Expiry Period

Use to specify the maximum time, in hours, that your unforwarded messages remain with the Message Service Centre before being deleted. The default is 24 hours. The maximum value you can enter is 10584, although the real limit depends on your Message Service Centre.

Outgoing Message Type

This option is network dependent and can be used to specify the format of your outgoing messages. You can select Text (default), Fax, X400, Paging, E-Mail, ERMES or Voice. You do not need to select Voice to send messages to Voicemail boxes.

Phone Setup

You can set custom alerts, the time and date, security codes, the contrast of your display, and other features.

Select Phone Line

Allows you to switch between Line 1 and Line 2 of your Personal Communicator.

Note: Availability depends on the type and settings of the SIM card, and/or your subscription to this feature.

Adjust Ring Volume

Use to increase or decrease the ringer volume of your Personal Communicator.

Ring or Vibrate

From the submenu, you can set your Personal Communicator to ring, vibrate, a combination of both, or to no ring or vibrate (no alert) during incoming SMS and Internet service messages. However, if Vibrate then Ring is selected, your Personal Communicator just vibrates.

Set Ringer Tone

Use to select a musical alert or a standard ringing tone for incoming calls.

Set Ringer Tone 2

Use to select a tone alert for incoming calls on Line 2. This option is not available if you do not subscribe to Line 2.

Set Alarm Ringer Tone

Use to turn the alarm alert ringer tone on or off.

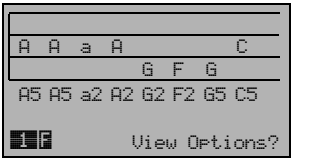
Set Message Alert Tone

Use to set a musical alert or standard tone for incoming SMS messages.

Edit Music Tone

Compose a musical alert and then send it via SMS to another compatible Motorola phone. The alert can have up to 35 notes and 3 octaves.

- ***A*** to **G** on the keyboard are musical notes A to G.
- ***R*** (rest) adds a pause. Press and hold ***R*** to extend the length of the pause.



Edit Tone Example

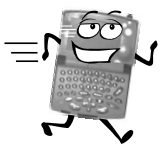
- Add a ***P*** between a note and the duration to change the pitch to either **F**lat or **S**harp. Add a ***P*** anywhere else to change the pitch for all notes.

- Change the duration of a note or rest by placing the cursor between the note and the duration indicator, then enter the duration length: 1 is the shortest, 6 is the longest and equals one second.
- Change the octave of the note by placing the cursor on the note and use ✣ to increase or decrease it.
- You can also change the tempo of your tune to 1 (slowest), 4 (fastest), or 2 and 3 for somewhere in between.

Now you are ready to listen (play) to your new tune. If you like it, you can save it, or you can go back and edit it or erase it and compose a new one.

Send as SMS

Impress your friends with your musical ability by sending your composed music tone via an SMS message to another Motorola phone. If you receive a music tone, you can play, save, or delete it.



Quick Access Setup

You can customise your Quick Access menu so you can quickly get to the features you use the most. Refer to “Quick Access Menu” on page 68 for usage and set up information.

Phone Lock

You can lock your Personal Communicator to prevent others from using it.

Automatic Lock

When set to On, your Personal Communicator is locked automatically when it is turned on. To use it, enter the unlock code.

Lock Now

Immediately locks your Personal Communicator from further use. To use it again, enter the unlock code.

Change Unlock Code

Use to change your unlock code. Follow the prompts given by the Personal Communicator, and enter a new code. The code set by the manufacturer is **1234**. If this code does not work, check with your service provider.

Adjust Contrast

Lets you lighten or darken your display.

Require SIM Card PIN

When set to On, you need to enter your SIM card PIN each time it is inserted or your Personal Communicator is turned on.

Note: This is not available if the SIM card does not support PIN code disabling.

How do I change my SIM card pin? No problem, your Personal Communicator gives you all the instructions.

Note: Be careful, if you enter your PIN incorrectly three times in a row, your Personal Communicator locks up. See “Entering your Unlock Code” on page 16 if this happens.

Change SIM PIN2 Code

You can change your SIM PIN2 code just like you do your standard SIM code.

Note: Be careful, your Personal Communicator locks up if the code is entered incorrectly three times in a row.

Caution: If the PIN2 unblocking operation is performed incorrectly 10 times in a row, your PIN2 code becomes permanently blocked, please see your service provider.

New Security Code

Enter the current security code, then a new six-digit code. Enter the new code again to confirm. The security code is set by the manufacturer to **000000**. If this code does not work, see your service provider.

Extended Menus

Turn extended menus on or off. When Off, you are not be able to access any of the extended features.

Show Time and Date

When selected, the time and date is displayed until you press another button.

Set Time and Date

Setting the time and date is easy. Just follow the instructions given by your Personal Communicator. But remember, use the international date format (day/month/year).

Set Time Format

You can change to either 12-hour or 24-hour format.

Language Selection

All your prompts and help messages will be displayed in the language you select.

Battery Saving Mode

Set this to On to help your battery lasts longer. All status indicators and the backlight for incoming Cell Broadcast messages are turned off.

Select Keypad Tones

You can set this so you hear tones when you press the buttons on your Personal Communicator, or you can also turn off the tones.

Phone Status

Status Review

When selected, your Personal Communicator displays a list of menu items which have been changed from the default setting.

Master Reset

Please use this feature with caution because it restores certain options to their default settings. This feature does the following:

- Cancels automatic answer, audible call timers, in-call display meter, battery saver, auxiliary alert, automatic handsfree, automatic lock, and cell broadcast.

- Restores language selection, band selection, and extended menus to their default settings.
- Restores keypad tones to normal, ringer tones to standard, SMS alert tones to standard, volume level to medium, and network search frequency to medium.

Master Clear

Note: All phone book entries are deleted with this option! Please use it with caution.

The master clear option performs the same operations as the Master Reset, but it also does the following:

- Clears phone book entries from memory (but not from SIM memory).
- Clears your list of all last calls made and received.
- Clears the message editor.
- Resets call timers.
- Erases all recorded VoiceNotes and Voice Tags.

Master Clear does **not** clear your:

- Fixed Dial list
- My Number list
- Charge meters
- Received and outgoing messages list
- Voicemail number
- SMS Service Centre number
- Lifetime timer

Network Selection

To make and receive calls, your Personal Communicator must be registered with one of the available networks. These can be either GSM900, GSM1800 or combined GSM900/1800 network types.

Your Personal Communicator automatically searches for the last network used. If this network is not available, your Personal Communicator attempts to register with a different network.

When your Personal Communicator attempts to register with a different network, it generates a sorted list of networks. The network list is sorted in the following order:

- The Home network.
- Networks from a preferred list.
- A random list of other networks found above a certain signal strength.
- All remaining networks in descending order of signal strength.

Change Band

This feature lets you select another band. If your Personal Communicator cannot connect to a network after changing the band, use the Available Networks option.

Available Networks

Use this to see which networks are operating in your area. When scanning is complete, press menu to display the list. When you find a network you want to register with or store in your preferred list, press OK. Follow the instructions given by your Personal Communicator to register and store your selection.

Network Search

Determines how often your Personal Communicator attempts to register with a network and how the attempt is made.

Registration Preferences

Set this to an automatic search (performed by your Personal Communicator) or to manual search (performed by you).

- Automatic Search - Your Personal Communicator automatically generates a list of networks and then tries to register with the first network in the list. If registration fails, it tries to register with the next listed network. If registration totally fails, it starts searching all over again.
- Manual Search - Your Personal Communicator gives you a list of networks to choose from. If registration is successful, the network name is displayed. If registration fails, the list is displayed again.

Frequency of Search

You can set the amount of time your Personal Communicator waits before trying to re-register: slow, medium, fast, or continuous search.

Note: Fast and continuous search may use up a lot of battery power.

Preferred Networks

Add Network to List

You can add networks to your preferred list.

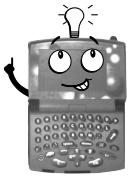
- If you choose from the available list, your Personal Communicator scans for the networks in your area, then displays the list. To store one in your preferred list, follow the instructions given by your Personal Communicator.
- You can select one from a list of known networks, then store it in your preferred list.
- To add a new network code, follow the instructions given by your Personal Communicator to enter the service provider number before storing it into your preferred list.

Show List of Networks

You can have your Personal Communicator show you a list of networks. From the list, your can select one, then move it, delete it, or have your Personal Communicator display the information for the selected network.

Find New Network

When selected, your Personal Communicator attempts to register with a network other than your current network. If the attempt fails, your Personal Communicator tries to register with the previous network.



Call Meters Menu

You can have your Personal Communicator keep track of your calling time and charges. You can also have audible alert tones to let you know how long you have been on a call. Your Personal Communicator can accept values up to 21 digits long, although during calls it can only display the last 12 digits. In addition, you can set a maximum charge limit so that your Personal Communicator monitors either the number of units used or the call charges, and not allow the limit to be exceeded.

Note: Call cost information is only available if you receive the Advice of Charge service. If you do not receive this service, then only time meters are available.

Show Call Charges

You can find out the charges for last call cost, the total for all your calls, and how much credit you have left.

Note: If you do not have the “Advice of Charge” service, your Personal Communicator only keeps track of the length of the call.

Show Call Timers

Find out how long you talked during your last call, or the total time for all your calls. You can also reset all your timers to zero.

Note: If you do not receive the Advice of Charge, either all calls or only outgoing calls are timed.

Set Audible Call Timers

You can set single or repetitive audible alerts at preset times to help you keep track of your time and charges.

Set In-Call Display

Set this option to display the time or charge meters displayed during a call.

Note: If you have a total charge limit set, your remaining credit is always displayed.

Show Time Per Call

Displays the time meter during your calls.

Note: If you have the Advice of Charge service, your chargeable calls are always displayed.

Show Charge Per Call and Show Total Call Charges

These two options display the call charges meter during and after chargeable calls. The meter shows phone units or currency depending on your charge type (unit or currency) setting.

Note: If you do not receive the Advice of Charge, either all calls or only outgoing calls are timed, depending on the model.

No In-Call Display

Use this to turn off all display of time and charges.

Call Charge Settings

If you receive the Advice of Charge service, you can customise your settings.

Reset Call Charges

Use this to reset all your meters to zero.

Set Total Charge Limit

You can set a maximum limit for call charges. When your limit is reached, the network does not allow you to receive any more chargeable calls.

- When set to On, you need to enter a new limit as either units or currency, depending on the setting of your Set Charge Type option.

Note: Units are entered as whole numbers and currency is entered by name. For example, GBP for UK, DEM for Germany, or FFR for France.

Note: You cannot make fax or data calls when you have this option set to On.

Reset or turn off your Total Charge Limit option to make more chargeable calls.

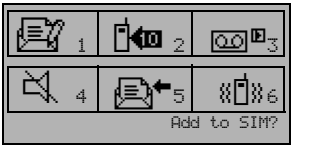
Lifetime Timer

Displays the total time of all calls that have been made on your Personal Communicator.

Note: This meter cannot be reset.

Quick Access Menu

While the features in your Personal Communicator are available through easy-to-use menus, some of the most commonly used features are also available in the Quick Access menu. Each feature in the menu is assigned a location number from 1 to 9.



Quick Access Menu Example

Press ⌀ to display the Quick Access menu. The menu shown in the example represents some of the features you can set up in your Quick Access menu.

With appropriate setup, you can use a Quick Access feature by:

- Pressing ◆ and say the Voice Tag name.
- Pressing ⌀ then enter the location number.
- Pressing ⌀ then use ✣ to highlight a menu option then press OK to select it.

Each Quick Access feature is represented by an icon. A selected icon has a dark background.

You can change the features and the positions of the features in the Quick Access menu.

Adding Location Numbers to Features in Your Quick Access Menu

1. From the Phone Setup menu, select the Quick Access Setup menu. Your Personal Communicator displays a list of features to choose from.
2. Use ✣ to scroll to the feature you want to add then press OK.
3. Select “Assign Key to Feature” and press OK.
4. When prompted, press any number from 1 to 9 to store the feature in that location.

Note: If a feature is already stored in the location number you choose, the new feature takes that location and the older feature is automatically removed.

Adding or Editing Voice Tags to Features in Your Quick Access Menu

You can assign a Voice Tag to each of the 9 Quick Access Menu features.

1. From your quick access configuration menu, highlight the feature then press OK.
2. Select the "Add or Edit Voice Tag" option and press OK.
3. When prompted, say a Tag name. If there is a matching Voice Tag, the Personal Communicator repeats the name and displays the entry.
4. When recording is successful, your Personal Communicator displays a message that the tag has been stored and returns to the Quick Access Setup menu. If recording is not successful, your Personal Communicator prompts you to record the Tag again.

Important Notes:

- If any one of the 9 Quick Access features has a Voice Tag assigned to it, and you attempt to display the Quick Access menu while wearing your headset, you need to say a tag name or your Personal Communicator returns to the Standby screen.
- If you are not wearing your headset, your Personal Communicator prompts for a tag name, then displays the Quick Access menu after a few seconds.

Delete Voice Tag

Note: This option is not displayed if there are no Voice Tags to delete.

Highlight the Quick Access that has the Voice Tag you want to delete then press OK.

Non-Roman Characters

To enter non-Roman characters, press alt space and the letter key from the following table. Multiple presses of the key may be required to access the character. For example, to type è, press alt space, then press E twice.

Keyboard Character	alt space 1 time	alt space 2 times	alt space 3 times	alt space 4 times	alt space 5 times	alt space 6 times	alt space 7 times
E	é	è	É				
T	θ						
Y	ψ	¥					
U	ü	û	Ü				
I	ì						
O	ö	ø	ò	Ω	Ö	Ø	
P	Π						
A	ä	å	à	æ	Ä	Å	Æ
S	Σ	§					
F	Φ						

Keyboard Character	alt space 1 time	alt space 2 times	alt space 3 times	alt space 4 times	alt space 5 times	alt space 6 times	alt space 7 times
G	Γ						
L	Λ						
Z	Ξ						
C	Ç						
B	β						
N	ñ	Ñ					
?/	¿						
!:	¡						

Accessories

The following accessories are designed to work with your Personal Communicator. Additional accessories may be available separately. Please refer to your local service provider or retail outlet for more information.

Headset

The headset provides hands free use of your Personal Communicator and is required for phone operation.

Power Adapter

The Power Adapter (charger) connects directly to your Personal Communicator. When connected, it charges the battery and provides normal operation of your Personal Communicator.

UK Adapter Plug

The UK Adapter Plug connects the Power Adapter to a UK-style mains power outlet.

European Adapter Plug

The European Adapter Plug connects the Power Adapter to a Continental European-style mains power outlet.

Holster

Place your Personal Communicator inside this stylish holster, then clip the holster onto your belt, pocket, or handbag, or other apparel.

Troubleshooting

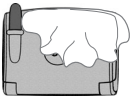
What to do if...

Personal Communicator does not turn on	• *Check the battery.* Is it charged, properly fitted and are the contacts clean and dry?
You can't make calls	• *Check the signal strength meter.* If the signal is weak, move to an open space or, if in a building, move close to a window. • *Check your network settings.* Try to select another network. • *Check your coverage map. Are restrictions set?* • *Check your Call Barring and Fixed Dialling settings*. • *Have you reached your call charge limit?* Reset your limit or contact your service provider. • *Have you inserted a new SIM card?* Make sure no new restrictions have been imposed.
You can't receive calls	• *Check the signal strength meter.* If the signal is weak, move to an open space or, if in a building, move closer to a window. • *Check Call Diversion and Call Barring settings.* Check Ringer and VibraCall™ settings. If both are off, there is no audible alert.
Personal Communicator won't unlock	• *Have you inserted a new SIM card?* Enter the new PIN code. • *Do you have a replacement Personal Communicator?* Enter the default unlock code of 1234. • *Did you forget your unlock code?* Press menu to change it (you will need your security code).
Your PIN is blocked	• Enter the PIN unblocking code supplied with your SIM card.

Your PIN2 is blocked	• Enter the PIN2 unblocking code supplied with your SIM card.
Your SIM card won't work	• *Is the card inserted correctly?* • *Is it chipped, scratched, or visibly damaged?* Return it to your service provider. • *Check the SIM contacts.* If dirty, clean them with an antistatic cloth.
The battery won't charge	• *Check the charger.* Is it properly connected? Are its contacts clean and dry? • *Check the battery contacts.* Are they clean and dry? • *Check the battery temperature.* If it is warm, let it cool before recharging. • *Is it an old battery?* Replace the battery. • *Are you using a Motorola original battery?* Your charging system may not be able to communicate with your battery.
The battery icon and meters are missing	• *Are you using a Motorola original battery?* Your charging system may not be able to communicate with your battery.

The battery loses charge faster than normal	• *Are you in an area of variable coverage?* This uses extra battery power. • *Is it a new battery?* A new battery needs two to three charge/discharge cycles to attain normal performance. • *Is it an old battery?* Battery performance declines after several years of use. • *Is it a battery that hasn't been completely discharged?* Allow the battery to fully discharge (until the Personal Communicator turns itself off) and then charge the battery overnight. • *Check that the Frequency Of Search feature in the Network Selection menu has not been set to* Fast *or* Continuous*.* • *Check that the Battery Saving Mode feature has not been set to* Off. • *Are you using your Personal Communicator in extreme temperatures?* At extreme hot or cold temperatures, battery performance is significantly reduced.
You can't cancel Call Diverting or Call Barring	•Wait until you are in an area with good network coverage and try again.
The ✉ symbol is flashing	• *There is not enough memory available to store another SMS message*. Use the Messages menu to delete one or more existing messages.
I can't make international calls	• *Some service providers block the ability to make international calls.* Contact your Service Provider. • *Have you included the correct codes?* Press and hold **0** (zero) to display the international dialling prefix (+) and then enter the country code followed by the phone number.

Use and Care

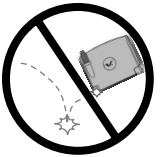


Clean with a soft cloth dampened with soap and water.

Do not immerse in water.

Do not use alcohol or other cleaning solutions.

Do not expose to excessive heat ...



... or extreme shock ...

... or moisture.

Total Customer Satisfaction

At Motorola, Total Customer Satisfaction is a top priority. If you have a question, a suggestion or a concern about your Motorola Personal Communicator, Motorola wants to hear from you.

Please contact the Motorola Response Centre by fax on: +44 (0) 131 458 6732, or use one of the local phone numbers in the following countries:

• Australia	1800-667788	• Netherlands	0800 022 27 43
• Austria	0800 297246	• Norway	22 55 10 04
• Belgium	0800 72 370	• Oman	790925
• Canada	1 800 461 4575	• People's Republic of China	86 10 68466060
• Czech Republic	00420 2 21 85 21 01	• Portugal	01 318 0051
• Denmark	4348 8005	• Qatar	418999
• Egypt	02 3411800	• Saudi Arabia	01 2303294
• Eire	01 402 6887	• Singapore	65 4855 333
• Finland	0800 117 036	• South Africa	0800 11 48 49
• France	0 803 303 302	• Spain	902 100 077
• Germany	0180 35050	• Sweden	08 445 1210
• Greece	00800 441 28150	• Switzerland	0800 553 109
• Hong Kong	852 25063888	• Taiwan	886 2 87731746
• Italy	02 696 333 16	• Turkey	0212 425 9090
• Jordan	06 863750	• UK	0500 55 55 55
• Kuwait	484 2000 Ext 1177	• United Arab Emirates	04 32 11 66
• Lebanon	01 744156	• United States of America	1 800 331 6456
• Luxembourg	0800 21 99		

For email queries contact: service1@mot.com

For internet queries contact: http://www.mot.com

WARRANTY INFORMATION

Motorola guarantees to you, the original purchaser, the Personal Communicator and accessories which you have purchased from an authorised Motorola dealer (the “Products”), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of [1] year from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product related statements not directly made by Motorola.

A list of the Motorola Call Centre numbers is enclosed with this Product.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola Personal Communicator and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages in excess of the purchase price nor for any incidental special or consequential damages* arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

(*) including without limitation loss of use, loss of time, inconvenience, commercial loss, lost profits or savings.

HOW TO GET WARRANTY SERVICE?

In most cases the authorised Motorola dealer which sold and/or installed your Motorola Personal Communicator and original accessories will honour a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service please contact either the customer service department of service provider or Motorola's call centre at the telephone numbers below for your country.

In order to claim the warranty service you must return the Personal Communicator and/or accessories in question to Motorola please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of Carrier and a description of the problem. In the case of vehicular installation, the vehicle in which the Personal Communicator is installed should be driven to the Authorised Repair Centre, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The Personal Communicator should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. Such information is contained with the Product.

CONDITIONS

This warranty will not apply if the type or serial numbers on the Product has been altered, deleted, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation cannot be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, batteries, or boards are guaranteed for the balance of the original warranty time period. The Warranty Term will not be extended. All original

accessories, batteries, parts, and Personal Communicator equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories, batteries or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honour any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of the Personal Communicator, accessories and peripherals (specific examples include, but are not limited to: batteries, chargers, adapters, and power supplies) when such accessories and peripherals are not manufactured and supplied by Motorola.

WHAT IS NOT COVERED BY THE WARRANTY

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorised persons.

1. Defects or damage resulting from use of the Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident or neglect.
3. Defects of damage from improper testing, operation, maintenance, installation, adjustment, or any alteration or modification of any kind.
4. Breakage or damage to aerials unless caused directly by defects in material or workmanship.
5. Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.

6. Defects or damage due to range, coverage, availability, grade of service, or operation of the system by the operator.
7. Defects or damage due to moisture, liquid or spills of food.
8. Control unit coil cords in the Product that are stretched or have the modular tab broken.
9. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
10. Leather cases (which are covered under separate manufacturer's warranties).
11. Products rented on a temporary basis.
12. Periodic maintenance and repair or replacement of parts due to normal wear and tear;

Note: The talk-time, stand-by time and total life cycle of a Motorola rechargeable battery for your Personal Communicator will depend on usage conditions and network configurations. As a consumable product, the specifications indicate that you should be able to obtain optimum performance for your Motorola Personal Communicator within the first six months from date of purchase and up-to (200) charges.

The warranty for Motorola rechargeable batteries becomes void if (i) the batteries are charged other than by Motorola approved battery chargers specified for the charging of the battery, (i) any of the seals on the battery are broken or show evidence of tampering, (iii) the battery is used in equipment or services other than the equipment for which it is specified.

Index

A

Access Internet 32
Alarm Clock 43
Available Networks 62

B

Backlight 15
Battery
  Charging 12
  Installing 11
  Show Meter 44
Buttons
  Control 13

C

Call Barring 46
Call Charge Settings 66
Call Diverting 45
Call Meters Menu 65
Call Waiting 46
Calls
  GSM Emergency 23
  International 22
Change Band 62
Change SIM PIN2 Code 59
Conference Call 26
  Add a Person 26
Control Buttons 13
  How to Use 18

D

Display 15

E

Ending a Call 23
Expiry Period 54

F

Fixed Dialling
  Setup 42

H

Headset 72
Hold Call 24

I

International Phone Calls 22

L

Language Selection 60
Last Ten Calls 41
Lifetime Timer 67

M

Making a Call 22

Master Clear 61
Master Reset 60
Menus
Call Meters 65
Extended 18, 59
In-Call 24
Main 17
Messages 48
Navigation 17
Quick Access 68
Short 18
Message Editor 51
Messages
Cell Broadcast 53
Reading an SMS 21
Received SMS 48
Sending an SMS 20
Mobile Internet 32
Browser Menu 33
Ending the Session 36
Entering/editing Text 34
Making and Receiving Calls 35
Messages 34
Setting Up 35
Using the Soft Keys 33
My Phone Numbers 41

N

Networks
Change Band 62
Finding New 64
Registration 63
Search 63
Selection 62
Available 62
Non-Roman Characters 70

O

One-Touch Dial
Setting up 42
One-Touch Dialling
Phone Book Numbers 43
Outgoing Messages 50

P

Pauses
Inserting into Phone Numbers 38
Personal Numbers 39
Prevent Access 40
Phone Book 37
Phone Setup 55
Phone Status 60

Q

Quick Access Menu

Adding Location Numbers 68
Adding/Editing Voice Tags 69
Setup 57

R

Receiving a Call 23
Redialling the Last Number Called 23
Restrict ID on Next Call 44
Restrict My Number 24
Restrict My Phone Number 44

S

Safety 5
Security Code
Changing 59
Sending Email 22
Service Centre 54
Set In-Call Display 66
Show Call Charges 65
Show Call Timers 65
Show ID on Next Call 44
SIM Card
Installing 11
PIN 16
Split Call 27
Status Review 60

T

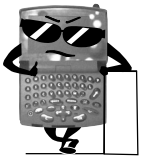
Transfer Calls 27
Troubleshooting 73

U

Unlock Code 16
Entering 16

V

Voice Activation
From Phone Book Menu 31
Phone Book Entries 31
Voice Dialling 38
Voice Notes
Playing Voice Notes 52
Recording 28
Voice Tags
Adding for Phone Book Entries 29
Voicemail Number 54



Personal Numbers

You can use this page to keep track of important numbers.

Service Provider	Number

Family and Friends	Number

MOTOROLA, the Stylised M Logo, and all other trademarks indicated as such herein are trademarks of Motorola, Inc.
® Reg. U.S. Pat. & Tm. Off.
All other product or service names are the property of their respective owners.
© 2000 Motorola, Inc.
All rights reserved.

Personal Communications Sector
1500 Gateway Blvd., Boynton Beach, FL 33426-8292

Printed in the U.S.A 7/00

UK English

6881036B80-O

browser by phone.com™

RSA™ SECURE

Motorola V100 Personal Communicator
Quick Reference Card

Control Buttons

Press and hold to turn on or off.

Accept and end a call, setting, or option.

Reject or cancel a call, setting, option, and to return to the previous screen. In text mode, deletes the previous character.

Press to enter Quick Access menu.

Scroll through messages and text, and increase and decrease volume.

Press to read a message.

Press to write a message.

Used to enter numbers 0 - 9. Press once for single number, press twice for multiple numbers. Press twice to stop entering numbers.

Press once to capitalise a letter. Press twice for continuous capitalisation, press twice again to stop capitalisation.

– — — — — — — FOLD HERE – — — — — — — –

Smart Button. Answers, makes, and end calls. Press to go to Phone Book, and recall a number using Voice Tags.

Located on outside of communicator. Press to answer and end a call.

Press to record VoiceNotes, press again to stop recording.

Sending an SMS Message

1. Press , type your message, press .
2. Enter the phone number or select the phone number from the phone book, then follow the prompts given by your communicator.
3. When the phone number is displayed, press .

Mobile Internet Session

During a mobile internet session, the functions of the and buttons change. To access an option that is displayed on the bottom right-hand of your screen, press . To access an option

that is displayed in the bottom middle of the screen, menu. When you want to go to a previous screen, press C.

Making a Call

Note: Use your headset and use ✣ to adjust the volume.

Press ◆ to go to Phone Book, or use Voice Tags, select the number, press OK.

Note: Press and release C to remove the last character, press and hold C to remove multiple characters.

Ending a Call

Press OK or C.

Receiving a Call

Note: Use your headset and ✣ to adjust the volume.

Press OK to answer the call.

– — — — — — — FOLD HERE – — — — — — — –

Note: When communicator is closed or in the holster, press OK to answer a call and to end a call.

SIM Card and Battery Installation

1. Remove the battery cover.
2. Align the SIM card so the notch in the card lines up with the notch in the recess, insert card.
3. Align the battery contacts with the contacts in the battery compartment. Press down on the battery until it clicks into place.
4. Replace the battery cover.

Note: If the SIM card is inserted incorrectly, “Check Card” is displayed. Remove the SIM card and re-insert it. If the card does not work, contact your service provider.

Charging your Battery

Charge the battery by inserting the adapter plug into the port on your communicator and plugging the adapter into a wall outlet.