

## MYPHONE

### LIGHT & LCD

Your phone has a backlight LCD display with full graphic capability. You can set LCD power save, backlight time.

1. Press , , .

### BACKLIGHT TIME

1. Press  to select “Backlight time”.

2. Select one of the following backlight time and press  to save it.

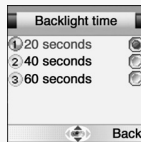
You can adjust how long the Backlight stays on. (20/40/60 seconds)

### LCD POWER SAVE

1. Press  to select “LCD Power Save”.


2. Select one of the following LCD power save and press  to save it.

On set: Turn off the display while standby status.  
Off set: Turn on the display while standby status.




## MYPHONE

### MY MENU KEY

1. Press , ,  to select “My Menu key”.

2. Select the menu you wish to use.

Set frequently using menus to move immediately by pressing  on the standby status.



**SETTINGS** The Settings menu is used to set basic parameters for the phone such as language, time & date, data transfer, security, network and call settings.

### AUTO KEY LOCK

1. Press **Menu**, **6 MNO**, **1 Q.O** to select "Auto key lock".

When set Auto Key Lock, all the keys lock after 30 seconds. This function is for preventing unintended key pressings while not using the phone. To release the functions, press **Menu**.

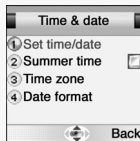


### TIME & DATE

1. Press **Menu**, **6 MNO**, **2 ABC**.

#### SET TIME / DATE

1. Press **1 Q.O** to select "Set time / Date".
2. You are to set the present time & date.



## SETTINGS

### SUMMER TIME

1. Press **2 ABC** to select "Summer Time".
2. Mark up 'Summer time' through **OK** to apply daylight saving time.

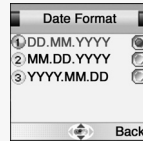
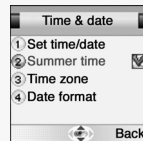
Box If you wish to apply daylight saving time

### TIME ZONE

1. Press **3 DEF** to select "Time zone".
2. Use **Left** and **Right** to select a timezone and press **OK** to save it.
3. You are to select your current location.

### DATE FORMAT

1. Press **4 GHI** to select "Date Format".
2. Select one of the date formats and press **OK** to save it.



## SETTINGS

### LANGUAGE

The display will change to the selected language.

1. Press , , .

2. Use  to select a language.

3. Select one of the available languages and press  to save it.

4. The display will change to the selected language.



## SETTINGS


### DATA

You are set parameters for data transmission from your laptop or PC.

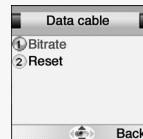
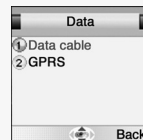
1. Press , , .

#### DATA CABLE


1. Press  to select "Data Cable".


2. Set each parameter and press  to save it.

- Bit rate : (300 / 1200~ / 115200)
- Reset : You are to reset it.

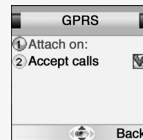


#### GPRS

1. Press  to select "GPRS".

2. Set each parameter and press  to save it.

- 1. Attach on
- 2. Accept calls : You are to mark this up to enable it.



## SETTINGS

### SECURITY

1. Press , , .

#### PIN CODE 1

1. Press  to select "PIN code 1".

2. Mark it up to enable PIN code 1 and press  to save it.



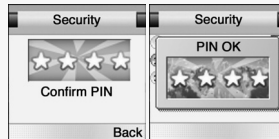
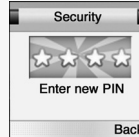
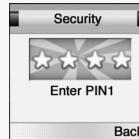
## SETTINGS

### CHANGE PIN1

1. Press  to select "Change PIN 1".

2. Enter your old pin code followed by the new code.

3. Confirm it when prompted. Press .



*That if you enter an incorrect PIN code three times in succession, your SIM card will lock and you must enter the PUK code to unlock. PIN and PUK codes are either supplied with your phone or must be obtained from your network provider or place of purchase.*

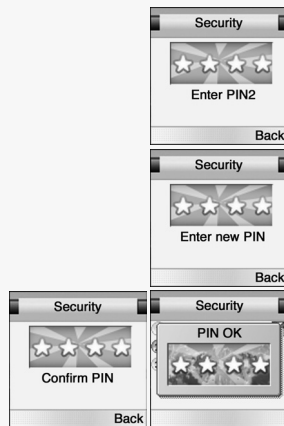
## SETTINGS

### CHANGE PIN2

1. Press **3 DEF** to select "Change PIN 2".

2. Enter your old pin code followed by the new code.

3. Confirm it when prompted. Press **OK**.



## SETTINGS

### SIM LOCK

1. Press **4 GH** to select "Sim lock".

2. Mark it up to lock SIM card.

As a unique identification, your phone is furnished with a code number known as IMEI. You must retain this number in case you need to block your account, e.i. if your phone is lost or stolen. We recommend that you write it down here:

The IMEI number is printed on the label under the battery.

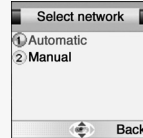
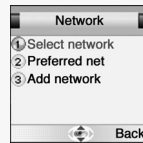
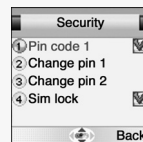
### NETWORK

1. Press **Menu**, **6 MNO**, **6 MNO**.

### SELECT NETWORK

1. Press **1 Q.O** to select "Select network".

2. Select Automatic or Manual.



## SETTINGS

### PREFERRED NET

1. Press **2** to select “Preferred net”.

The phone will search this list from the top. Left softkey options roll-up enables you to Add or Insert a new network. If you use Add, the new network will be added to the end of the list (having the lowest priority). Insert will insert the network in the list where the cursor is placed.



### ADD NETWORK

1. Press **3** to select “Add network”.

To add a new network, start by selecting an empty network entry from the Add network menu. Press OK. A text editor will appear. Enter the name(input english) of the network followed by the Mobile Country Code (MCC) and the Mobile Network Code (MNC). This information is supplied by your network operator.



## SETTINGS

### CALL SETTINGS

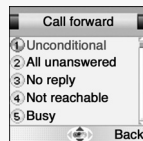
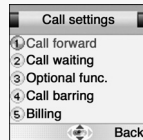
1. Press **Menu**, **6**, **7**.

### CALL FORWARD

1. Press **1** to select “Call forward”.

- ①. **Unconditional:**  
To forward all incoming calls to a specified number.
- ②. **All unanswered:**  
To forward all calls that you do not answer within a specified period of time.
- ③. **No reply:**  
To forward calls those are not replied.
- ④. **Not reachable:**  
To forward calls when you are out of network range.
- ⑤. **Busy:**  
To forward calls when your phone is busy.
- ⑥. **Status all:**  
To summarize the status of call forward options.
- ⑦. **Cancel all:**  
To cancel all call forward settings

A specific number can be designated for each option, and you can activate, view or cancel the present status. Follow the on screen instructions.



## SETTINGS

### CALL WAITING

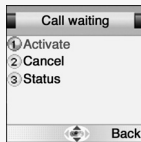
1. Press **2** (RBC) to select “Call waiting”.

This function notifies you of another call during a telephone conversation. Enter the menu to Activate or Cancel Call waiting or to see the Status. If Call waiting is active, and you are called during a conversation, you will hear a faint ringing tone in the background. To answer the new caller without losing contact with the original party:

-Enter Options roll-up menu.

Select Switch calls.

-conduct the conversation with the new party and select Switch calls to return to the first caller. Select Join calls to conduct a three-party conversation.



### OPTIONAL FUNCTION

1. Press **3** (DEF) to select “Optional func.”.

This menu contains various settings to facilitate daily use.



## SETTINGS

### Redial

1. Press **Menu**, **6** (MNO), **7** (PQRS), **3** (DEF), **1** (CLD) to select “Redial”.

Activates automatically redialing of your last unsuccessful call. The number will be redialed after 5 seconds (1 time), after 1 minute (3 times) and after 3 minutes (10 times). If this sequence is completed without connection established, the number must be manually dialed for a new attempt.

To manually abort the redial sequence, press [ **☎** ].

To manually redial last number called, press [ **00** ] twice in a row.

### Shortcut dial

1. Press **Menu**, **6** (MNO), **7** (PQRS), **3** (DEF), **2** (RBC) to select “Shortcut dial”.

If you activate Shortcut dial, you can dial phone numbers from the Shortcut list by pressing just one or two digits.

### Slide open

1. Press **Menu**, **6** (MNO), **7** (PQRS), **3** (DEF), **3** (DEF) to select “Slide Open”.

Set the phone to answer a call with slide up.



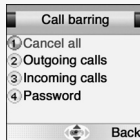
## SETTINGS

### CALL BARRING

1. Press **4** to select “Call barring”.

You can lock the telephone to reject incoming calls or bar outgoing calls, domestic or international. Call barring is a password protected network service, and details should be acquired from your network.

1. **Cancel all** - To cancel all call barring settings.
2. **Outgoing calls** - To cancel all call barring features of outgoing calls, or decide what type of outgoing calls is to be barred.  
(1.Cancel all / 2.All calls / 3.All internat. / 4.Except to home)
3. **Incoming calls** - To cancel all call barring features of incoming calls or decide what type of incoming calls is to be barred.  
(1.Cancel all / 2.All incoming / 3.When abroad)
4. **Password** - To set a password.



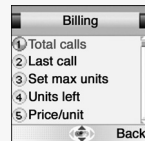
## SETTINGS

### BILLING

1. Press **5** to select “Billing”.

You can keep track of your calling expenses by setting the “Billing” feature. Scroll to Billing. Press [ **OK** ]. Enter the submenus:

1. **Total calls** - To view the total amount of time and units used.
2. **Last call** - To view the duration of the last call.
3. **Set max units** - To set a maximum of units available for a call.
4. **Units left** - To view the number of units left on your account.
5. **Price/unit** - To enter a network price for the units.
6. **Currency** - Displayed if supported by your network.



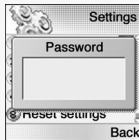


## SETTINGS



### RESET SETTINGS

1. Press , , .

Return all settings to factory defaults.  
The power goes off automatically.  
if you want to delete photo image can use to camera menu.



## CAMERA

**PHOTO** To move directly to camera menu, press  or  in idle mode.


1. Press , ,  to select "Photo".

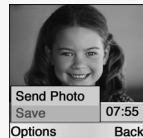
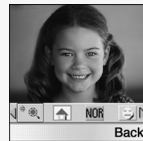
2. Press  or  to take a photo.

- Press it once on the idle mode, you can move to Camera Menu.
- Press on Photo at Camera menu and Motion Shot menu to take a picture.
- Easy to take self pictures or motion shot.

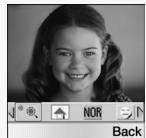
3. Press the  to select **Save or Send Photo**.

Select Send Photo, and you reach MMS Menu.  
For details of MMS, see Page 38.

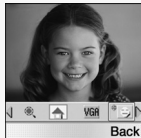
4. Enter name and press  to save it.



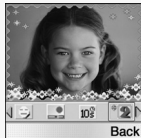
## CAMERA



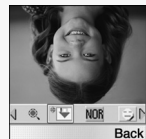
Zoom  
(0,+1,+2,+3)



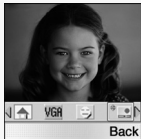
4 Graphic qualities,  
Normal, Better, Good  
& Best.



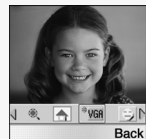
5 Types of  
sticker.



Normal or  
Reverse picture.



7 Levels of contrast,  
-3 to +3.



VGA(Video  
Graphic  
Array), QCIF

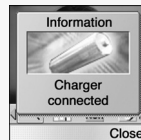


Shutter speed,  
0 or 10sec.

## CAMERA

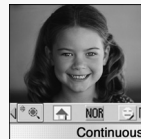
*When connecting charger while taking phone.(Photo shot, Motion shot)*

1.The screen on LCD of MX-C99 will stop displaying in camera mode when connecting a charger.



2.After that , " Continuous " is displayed on it.

When this phenomenon is happened, push the button to operate camera mode continuously.



*During normal use with charger connected to MX-C99, charger may be subjected to voltage interruption causing the same phenomenon as above.  
If it happens, just follow the above procedure.*

## CAMERA

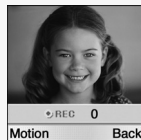
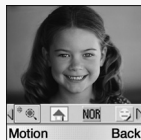
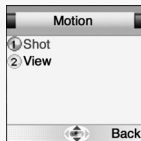
### MOTION

1. Press , , to select "Motion".

### SHOT

1. Press to select "Shot".

2. Press , or to take a motion.



Motion frame : 100frame (Time : about 15sec)

## CAMERA

3. Press to enter name and press to save it.

### VIEW

1. Press to select "View".

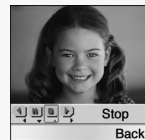
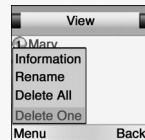
Press [ ] to display the following items.

Information : To display a time and date in motion.  
Rename : To rename a motion.  
Delete all : To delete all.  
Delete one : To delete one.

2. Select one from the view list and press to play.




: BACK      : STOP

: PAUSE      : PLAY



## CAMERA

### IMAGE MANAGER

1. Press , ,  to select "IMAGE Manager".



### PHOTO LIST

1. Press  to select "Photo List".

Press [  ] to display the following items.

Send Photo : It makes you reach MMS Menu.

Wallpaper : To set for idle mode.

Rename : To rename a picture.

Information : To display a time and date in picture.

Delete All : To delete all.


Delete One : To delete one.

Delete Multi : To delete several ones.



## CAMERA

### PHOTO NAME LIST

1. Press  to select "Photo Name List".

Press [  ] to display the following items.

Send Photo : It makes you reach MMS Menu.

Wallpaper : To set for idle mode.

Rename : To rename a picture.

Information : To display a time and date in picture.

Delete All : To delete all.

Delete One : To delete one.

Delete Multi : To delete several ones.



## CAMERA

### SETTING

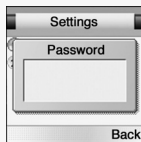
1. Press , , to select “Setting”.



### LOCK SETTING

1. Press to select “Lock Setting”.

The default password is the “1234”.



2. Enter password and press to enable lock setting.

#### Camera Lock.

Set the phone to camera lock.

#### Photo Lock.

Set the phone to photo lock.

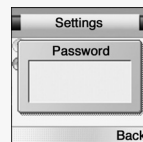


## CAMERA

### PASSWORD

1. Press to select “Password”.

The default password is the “1234”.






2. Enter new password and press .

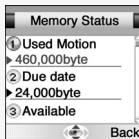


## CAMERA

### MEMORY STATUS

1. Press , ,  to select “Memory status”.

Displays the used and free memory available in the respective camera.



## CHAPTER 4

### PHONEBOOK

- Look up
- New
- PB Settings
- Voice mail no.

## PHONEBOOK

You can use either the SIM card or the built-in Contacts database as your Phonebook.

The database can store up to 250 contacts, with three phone numbers per contact along with the contact's complete postal address and email address. Number of contacts on the SIM card depends on your network.





Choice of phonebook is the Options soft key menu in look up menu.


(Select use SIM/Use Phone)

## PHONEBOOK

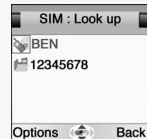
### LOOK UP

*When you select "SIM" in Select PB of options. (Press )*





1. Press ,  to select "SIM: Look up".
2. Scroll to find the desired contact and press .
3. Press  to make a call.


Press [  ] and you will see the following items displayed.

New  
Delete all  
Select PB  
Delete  
Edit  
Call  
Search  
View

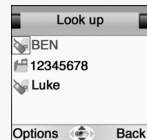


*When you select "Phone" in Select PB of options (Press )*

1. Press ,  to select "Look up".
2. Scroll to find the desired contact and press .
3. Press  to make a call.

Press [  ] and you will see the following items displayed.

New  
Delete all  
Select PB  
Sorting  
Delete  
Edit  
Call  
Search  
View



*This is selected as ALL when you purchase the phone.*

## PHONEBOOK

### NEW

To add a contact to the SIM phonebook:

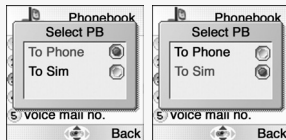
1. Press , .

### When “To SIM” is selected.

1. Move to each field and press to enter its information accordingly.

- A text editor appears.
- Enter a name and press [ ].
- Scroll [ ].
- Enter a phone number and press [ ].

2. Press to save it after entering information.



*If you have chosen Phone as your phonebook, up to three numbers can be entered along with address information for each contact.*

## PHONEBOOK

### When “Use Phone” is selected.

1. Move to each field and press to enter its information accordingly.

All the above data can be entered.

1. First name
2. Last name
3. Home
4. Mobile
5. Work
6. Calling group
7. Address
8. Zip code
9. City
10. Province
11. Country
12. E-mail



2. Press to save it after entering information.

If a different SIM card is inserted in the phone, you will be alerted of the option to copy data from this. You may also copy data to SIM cards, thus enabling you to share contact information with friends and colleagues. Copy features are located in the PB Settings submenu. (Optional)



# PHONEBOOK

## SETTINGS

To alter settings in the Phonebook:

1. Press **2 ABC**, **3 DEF**.

## SHORTCUT DIAL

1. Press **1 O.D** to select “Shortcut dial”.

Make calls using only one or two keys. Define a key combination (2-21) for your most accessed contacts. To include or remove a contact in the shortcut dial list, select a position and:

-Select New or Delete in the Options softkey menu.

-Choose the appropriate contact from the phone book.

Press [ **OK** ].

-Any previous contact on the selected position will be overwritten.



If you select SIM as your Phonebook, you will not be able to use Contacts database features (three phone numbers, address information), but still allowed to use caller groups or shortcut dial.



# PHONEBOOK

## FIXED LIST

1. Press **2 ABC** to select “Fixed list”.

Use this to create a list of allowed numbers. When Active  is ticked, the user can only access the listed numbers. Requires PIN 2 (see p. 82).

## BARRED LIST

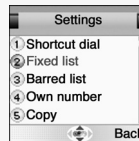
1. Press **3 DEF** to select “Barred list”.

Use this to create a list of barred numbers (if supported by network). If activated, the user can not access barred numbers. Requires PIN 2.

## OWN NUMBER

1. Press **4 GHI** to select “Own number”.

Store your own number for future reference. Some SIM cards will install your phone number automatically. If yours is not, simply enter it in the editor and press [ **OK** ].

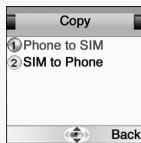


## PHONEBOOK

### COPY

1. Press  to select "Copy".

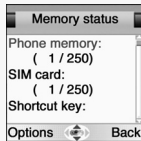
This function stores saved data in phonebook to sim card or sim to phone book.



### MEMORY STATUS

1. Press  to select "Memory status".

Displays the used and free memory available in the respective phonebooks. Reset Phone memory or SIM memory on left softkey. Be advised that this will erase all entries in the Phonebook that is reset.



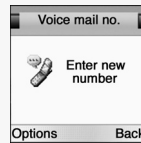
## PHONEBOOK

### VOICE MAIL NO.

1. Press  , .

2. Enter a Voice mail number.

- The options softkey allows you to do the following items.  
(Lookup / Back / Save)



#### Service numbers.

This is a network service and the menu will only appear if your network operator supports this service. The menu may contain various services, depending on the network.

## **CHAPTER 5**

### **MISCELLANEOUS**

- Menu summary
- Cellular phone in brief
- Abbreviations and acronyms
- Questions and answers
- Technical data

## MENU SUMMARY

### Messages

- SMS
  - Write new SMS
  - Inbox
  - Outbox
  - Delete
    - Inbox
    - Outbox
    - Delete all
  - Template
  - Memory status
  - Settings
    - Format
    - SC number
    - Validity
    - Bearer
    - Options
      - SMS class 0
      - Verify send
      - Use template
      - Reply path
      - Status Report

### MMS

- Create Msg
- Inbox
- Outbox
- Drafts
- Sent
- Config
- Cell Broadcast
- Read
- Settings
  - Enabled
  - Channels
  - Languages

### Internet

- Home
- Bookmarks
  - Select
  - Edit
  - Add
  - Delete
- Push inbox
- Push settings
  - Allow push
  - SL. Settings
- WAP Profiles
  - Gateway 1~5

## MENU SUMMARY

### Default

- Homepage
- CSD
  - UserName
  - Password
  - Dial-up number
  - IP Address
  - Data Type
  - Data speed
  - Idle timeout

### GPRS

- User name
- Password
- APN
- IP address
- Bearer
- Connect Mode
- Security
- Show graphics
- Rename
- Empty cache

### Organizer

- Calendar
  - Day view
  - Month view
  - New
    - Meeting
    - Birthday
    - Memo
  - Delete
    - All
    - Week old
    - Month old
- Tasks
- Alarm
  - Alarm 1~3
  - Select all
  - Cancel all
- Calculator
- Games
  - Mini Golf
  - Mirror in action
  - Parking war
- Myphone
  - Image
  - Audio
    - Incoming call

## MENU SUMMARY

- Alert tune
- Alert type
- Volume
- SMS Attention
  - Alert tune
  - Alert type
  - Volume
  - Duration
- Keypad Type
  - Natural Tone
  - DTMF
  - Mute
- Info Tones
  - On
  - Off
- Connect Tone
  - On
  - Off
- Slide Tune
  - Slide Tune 1
  - Slide Tune 2
  - Slide Tune 3
- Off
- Wallpaper
- Greeting
  - Text edit
  - Selections
  - Greeting tone
- Caller groups
  - Private
  - Business
  - Friends
  - Family
  - Others
- Light & LCD
  - Backlight time
  - LCD Power Save
- My Menu key
- Settings**
- Auto key lock
- Time & Date
  - Set time/Date
  - Summer Time
  - Time zone
  - Date format
- Language
- Data
  - Data cable
  - Bitrate
  - Reset
- GPRS
  - Attach on

## MENU SUMMARY

- GPRS
  - Attach on
  - Accept calls
- Security
  - PIN Code 1
  - Change PIN 1
  - Change PIN 2
  - SIM Lock
- Network
  - Select Network
    - Automatic
    - Manual
  - Preferred net
  - Add network
- Call settings
  - Call Forward
    - Unconditional
      - Activate
      - Cancel
      - Status
    - All Unanswered
      - Activate
      - Cancel
      - Status
- No Reply
  - Activate
  - Cancel
  - Status
- Not Reachable
  - Activate
  - Cancel
  - Status
- Busy
  - Activate
  - Cancel
  - Status
- Status All
- Cancel All
- Call waiting
  - Activate
  - Cancel
  - Status
- Optional func.
  - Redial
  - Shortcut Dial
  - Slide Open

## MENU SUMMARY

---

- Call Barring
  - Cancel All
  - Outgoing Calls
    - Cancel All
    - All Calls
    - All Internat.
    - Except to Home
  - Incoming Calls
    - Cancel All
    - All Incoming calls when abroad
  - Password
- Billing
  - Total calls
  - Last call
  - Set max units
  - Units left
  - Price/Unit
  - Currency
- Reset settings

### Camera

- Photo
- Motion
  - Shot view
- Image manager
  - Photo list
  - Photo name list
- Settings
  - Lock setting
  - Password
- Memory status

### Phone Book

- Look Up
- New
- Settings
  - Shortcut dial
  - Fixed list
  - Barred list
  - Own Number
  - Copy
  - Memory status
- Voice Mail no

## MISCELLANEOUS

---

### CELLULAR PHONE IN BRIEF

Your cellular phone is essentially a highly sophisticated radio, basically no different from any other two-way radio system.

The ingenuity of the cellular system lies in the splitting of the broadcasting environment into a multitude of relatively small cells with low-power transmitters.

This “Cellular approach” to radio communication allows for extensive frequency reuse so that millions of people can use their mobile phones simultaneously although the number of frequencies are limited. The broadcasting cells are commonly illustrated as hexagons, typically 10 square miles in area with the base station in the center. This arrangement allows for non-adjacent cells to use the same frequencies without risk of interference.

Your cellular phone is in constant contact with the nearest base station. As you move from cell to cell, e.g. while driving in your car, the base station you are approaching takes over when you are within reach. This happens within split seconds without your noticing it. All you experience is a stable and clear connection.

However, not all network operators provide the same coverage in all areas. Hence, if you travel near the limit of your network’s coverage, you may experience difficulties in maintaining the connection. The same may happen if the radio signal is blocked by obstacles such as high trees, hills or buildings, or if you are inside a heavily reinforced concrete building.

## MISCELLANEOUS

---

### ABBREVIATIONS AND ACRONYMS

To remedy the situation move closer to the nearest mast if possible or seek higher ground. If you are inside a building, try moving towards a window.

**What is roaming?** Roaming is the technique that allows subscribers to move from one cell to another or from one network to another without affecting the call.

**What is digital?** Early cellular phones relied on analogue systems.

Analogue radio systems transmit the voice signal in its original form, whereas digital technology transforms the microphone signal into number sequences (digits) and transmit these.

When received, the digital signal is decoded so that you can hear the sender's voice.

Digital signals do not degrade in quality as long as the data is received, and they can be compressed to take up less memory.

**What is Tri Band?** A tri band cell phone has the capability to automatically switch between frequencies and can thus operate on two or more frequency bands, e.g. 900,1800, and 1900 Mhz.

**What is GSM?** Global System for Mobile communications is the most widespread standard for digital communication in Europe, Australia and in large parts of Asia and Africa. GSM uses frequencies in the 900 and 1800 Mhz bands.

**What is APN?** APN stands for Access Point Name and is basically an URL address on the Mobile Internet.

**What is GPRS?** General Packet Radio System is a service protocol built on GSM technology. GPRS allows several mobile phone users to share the same connection. Charges may thus be based on the amount of transferred data rather than on airtime.

## MISCELLANEOUS

---

**What is CSD?** A wireless service protocol used for WAP. CSD stands for Circuit Switched Data and will enable continuous connection and payment by the amount of data transferred.

**What is SIM?** Subscriber Identity Module or SIM is the little gold-plated plastic card that you get from your network operator and which holds the unique data the network needs to identify your phone.

**What is PIN** and what is PUK? Access to use a cell phone is most often protected by a code known as "PIN" - Personal Identification Number. Your SIM card comes with a default PIN that you can change to any code you prefer. See p. 80 for details. If you forget your code, or by mistake enter a faulty code three times in a row, the SIM card will lock. To unlock, you must enter the Personal Unblocking Key or "PUK" code that came with your SIM card.

**What is IMEI?** IMEI stands for International Mobile Equipment Identifier and is an identification system that can recognize every mobile phone by a specific number. If a phone is stolen, the IMEI system is capable of blocking it on all network operators that support the system.

**What are MCC and MNC?** Mobile Country Code is a code that identifies the country in which the subscriber lives. Mobile Network Code identifies the network operator.

**What is DTMF?** Dual Tone Multi Frequency or DTMF is a paging and remote control protocol that allows you to control certain functions via your phone, e.g. listening to your answering machine.

## MISCELLANEOUS

---

### What is Cell Broadcast?

Cell Broadcast is a service from your network provider. With CB, you will be alerted when entering a “cheap zone” or you can obtain traffic information, weather reports and other important information sent to you as text messages. Some providers also offer sports results, news bulletins or even commercials. If offering CB services, your network will forward a list of services and the relevant channels to enter.

### What is WAP?

Wireless Application Protocol or WAP is a standard that allows you to access parts of the Internet, known as “Mobile Internet” via your cell phone. Using WAP will open many services to you, i.e. news and weather forecasts, ordering services and goods, accessing databases and more.

### What is an URL?

Uniform Resource Locator or URL is an address system used on the Internet. All WAP homepages have a unique address, allowing browsers to distinguish one from the other. An URL always start with the text string: `http://wap` followed by the address.

### What is ISP?

ISP stands for Internet Service Provider.

## MISCELLANEOUS

---

### QUESTIONS AND ANSWERS

#### Q:My phone does not switch on when I press the key ?

A:The keypress has been too short or the phone has shut down because the battery power level is too low to make calls. Recharge the battery fully.

#### Q:Stand-by time seems too short ?

A:You have made excessive use of the games or the Organizer or display light has been on continuously due to unintentional key activation. Apply Keypad lock in left softkey menu.

#### Q:My phone displays: ‘PLEASE INSERT SIM’?

A:You must insert the SIM before you can use the phone. If it is already installed, remove and clean the blank area with a dry cloth, then reinsert.

#### Q:My phone displays: ‘INVALID SIM’?

A:The phone is SIM-locked and will not accept the inserted SIM. Insert the correct SIM or contact your dealer.

#### Q:My phone displays: “EMERGENCY CALLS ONLY”?

A>Your SIM card is not properly installed or configured, or you are out of network range.

#### Q:My phone displays: “NO NETWORK” ?

A:You are outside network range or there is no clear path to the transmitter.  
If you are inside a building, try moving towards a window.



## **MISCELLANEOUS**

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**Q:Some calls are not processed. What is wrong?**

A:A call bar has been set to restrict phone usage. Check call barring and cancel as necessary.

**Q:Someone else is receiving my calls. What is wrong?**

A:The phone has been set to forward your calls to another number.  
Cancel call forwarding as necessary.

**Q:Can I send and receive emails and surf the Mobile Internet on my phone?**

A:Yes. Your phone has WAP capability, which means that you can access the Mobile Internet from your phone.  
For sending and receiving emails, please contact your network operator.

**Q:What is T9?**

A:T9 text input is a predictive text editor that allows you to type using just one click per letter, thus saving time when writing SMS, text entries, etc.

**Q:What type of networks are supported?**

A:Check the technical specifications on p. 124.

## **MISCELLANEOUS**

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**Q:Can I use my phone inside a car?**

A:Road safety comes first. Always keep your eyes on the road if you are driving.  
You can install a “Hands free” set (see. p. 8) if you need to drive and talk at the same time.  
Always comply with local legislation.  
If your car is equipped with airbags, check safety precautions with your car dealer.  
See also “Warnings” .

**Q:How do I clean my phone if it becomes soiled?**

A:See “Cell phone care” on p. 128.

**Q:Are cellular phones dangerous to my health?**

A:No unambiguous scientific evidence exists at this point of time. We recommend that you keep abreast with the advice given by your domestic health authorities. See also “Warnings” .

**Q:My phone has been lost or stolen. What do I do?**

A>Contact your network operator immediately to close your account and prevent misuse.  
Report your phone stolen to local police.

**Q:How do I reset my phone to factory defaults?**

A:Enter the Settings menu and scroll to “Reset all”.

## MISCELLANEOUS

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### TECHNICAL DATA

#### Physical properties

Size : W-47 H-83 D-22 (mm)

Weight : 90g

Display : 65K Color (128X128 pixels)

#### Performance

EGSM : 900 DCS :1800 PCS :1900

GPRS : Class 10

Standby : Standard-72h, Extend-96h

Talk time : Standard-5h, Extend-8h

Charging time : Standard-100h,  
Extend-150h

Radiation (SAR) : 2 w/kg averaged over a  
10g cube

#### Communication features

Long SMS (456 latin chr.)

EMS (Sound & Picture attachment)

Call wait & Call hold

Conference call (Up to 5 participants)

Call forwarding & Call barring

Billing (AoC)

WAP

#### Personalizing features

Greeting

Wallpaper

40 Polyphonic ring tones

5 Caller groups

#### Organizing features

Calendar

Tasks

Alarm

Calculator

#### Leisure

3 games

#### Accessories

Contact local retailer

## CHAPTER 6

### SAFETY

- Safety Information for Wireless Handheld Phones
  - Cell Phone Care
  - Driving Safety
  - Electronic Devices
- Other Safety Guidelines
  - Cautions
  - Warning
  - FCC RF exposure

## ***SAFETY***

---

### **SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES**

**Read This Information Before Using Your Handheld Portable Cellular Telephone.**

#### **EXPOSURE TO RADIO FREQUENCY SIGNALS**

Your wireless handheld portable telephone is a low power radio transmitter and receiver. when it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992) \*
- NCRP Report 86 (1986) \*
- ICNIRP (1996) \*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature.

For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

## ***SAFETY***

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The design of your phone complies with the FCC guidelines (and those standards).

\*;

American National Standards Institute;

National Council on Radiation protection and measurements; International Commission on Nonionizing Radiation Protection.

#### **ANTENNA CARE**

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

## SAFETY

### CELL PHONE CARE

Your phone is a state-of-the-art electronic device that will serve you well for many years provided it gets a minimum of attention and care from you. You should never attempt to open the phone casing. There are no user-serviceable parts inside, and you might damage sensitive electronic circuits and components. Unauthorized disassembly will void the warranty. You should never leave your phone in the window of your car or otherwise expose it to strong sunlight or excessive heat for a prolonged period of time as this may damage it. You should never handle your phone with wet hands or expose it to moisture or liquids of any kind. Continuous changes from a cold to a warm environment may lead to condensation inside the phone, resulting in corrosion and possible damage. If you pack your cell phone in your suitcase during travel, beware not to damage it. Cramming a suitcase may crack the LCD display. Remember to switch off your phone during air travel. Like with all other radio devices, touching the built-in antenna area during telephone conversation may impair the quality and lead to shorter stand-by time due to increased power consumption.

**The battery.** Your phone is equipped with a high-performance Li-Ion battery. Optional battery types may be available, check with your local retailer. Observe the maintenance guidelines and your battery should give you a long service life.

- At the beginning of the battery's life, fully charge and discharge (let it go flat) three times.
- Avoid repeated short charging. It is preferable to let the battery go flat and then recharge it completely.
- Avoid charging in strong heat or extreme cold. Ambient room temperature is preferable.
- Don't keep a battery near a fire and attempt to disassemble it.
- Use only the battery approved by manufacturer
- Never replace battery by an incorrect type.

## SAFETY

- Never try to open the battery as it contains substances that might be harmful if swallowed or allowed to contact unprotected skin.
- Never short-circuit the battery, as it may overheat and cause a fire. Keep away from jewelry and other metal objects.
- Never dispose of the battery by burning it. It could explode and release harmful substances into the environment.
- Never dispose of the battery with your regular household waste. Take it to a hazardous material collection point.

**The charger.** Use only the charger supplied with the phone. Never pull charger cord to release it from mains, pull the charge itself.

**Cleaning & storing.** Your phone should always be handled with care, protected from dirt, dust and damp. To avoid scratches, never place the phone face down.

If cleaning is necessary, switch the phone off and wipe carefully with a soft, slightly damp (not wet) cloth. Allow the phone to dry completely before switching it on. Never use solvents for cleaning.

If you want to use your phone for some time, fully charge the battery and store the phone in a dry place away from direct sunlight. The phone should be switched off during storage.

**Point store member:**

- Never disassemble the phone or battery.
- Never expose the phone to heat or strong sunlight.
- Never expose the phone to moisture or liquids of any kind.
- Do not paint the phone or otherwise block keypad, microphone or earpiece function, i.e. with stickers
- The battery has its optimum performance in an ambient temperature of +5 °C to +50 °C

## ***SAFETY***

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### **DRIVING SAFETY**

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving please:

- 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 require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area.

If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

#### **WARNING:**

**Failure to follow these instructions may lead to serious personal injury and possible property damage.**

## ***SAFETY***

---

### **ELECTRONIC DEVICES**

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

#### **Pacemakers**

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches 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.

If you have a pacemaker:

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

#### **Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

## ***SAFETY***

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### **Other Medical Devices**

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

Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare 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 phone OFF where posted notices so require.

## ***SAFETY***

---

### **OTHER SAFETY GUIDELINES**

#### **Aircraft**

FCC Regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

#### **Blasting Areas**

To avoid interfering with blasting operations, turn your phone 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 phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks 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 fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle’s engine.

## SAFETY

### CAUTION

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating the equipment, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

1. DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
2. DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using the unit, lay down the unit to avoid possible damage due to instability.
3. DO NOT expose this equipment to rain or spilled beverages.
4. DO NOT use unauthorized accessories.
5. DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.
6. DO NOT short -circuit the battery terminals with metal items etc.
7. Use only the battery approved by manufacturer
8. DO NOT replace battery by an incorrect type.

## SAFETY

### WARNING

The following offenses are punishable by fine, imprisonment, or both:

- Using obscene, indecent, or profane language.
- Using the unit to give off false distress calls.
- Wiretapping or otherwise intercepting a telephone call, unless that person has first obtained the consent of the parties participating in the call.
- Making anonymous calls to annoy, harass, or molest other people.
- Charging to an account without authorization to avoid payment for service.
- Refusing to yield a party line when informed that it is needed for an emergency call (It is also unlawful to take over a party line by stating falsely that it is needed for an emergency).
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



*This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna.  
– Increase the separation between the equipment and receiver.  
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
– Consult the dealer or an experienced radio/TV technician for help.*

## ***SAFETY***

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### **FCC RF EXPOSURE**



#### **WARNING! Read this Information before using your phone.**

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters.

Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies.

The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

#### **Body-worn Operation**

This device was tested for typical body-worn operation with the back of the phone kept 12mm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 12mm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. All belt-clips, holsters and similar accessories used by this device must not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with FCC RF exposure limits and should be avoided.

#### **Vehicle Mounted External Antenna(optional, if available)**

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

Note: For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)



## ***DECLARATION OF CONFORMITY***

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### Conformity Assessment Principles

Complies with the essential requirements of Article 3 of the R&TTE Directive 1999/5/EC, if used for its intended use and that the following standards has been applied:

1. Health (Article 3.1.a of the R&TTE Directive)

Applied standard(s) : EN50360:2001

2. Safety (Article 3.1.a of the R&TTE Directive)

Applied standard(s): EN 60950:2000

3. Electromagnetic compatibility (Article 3.1b. of the R&TTE Directive)

Applied standard(s): EN 301 489-1: v1.4.1 and EN 301 489-7: v1.2.1

4. Efficient use of the radio frequency spectrum (Article 3.2 of the R&TTE Directive)

Applied standard(s): EN 301 511: v 9.0.2

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

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