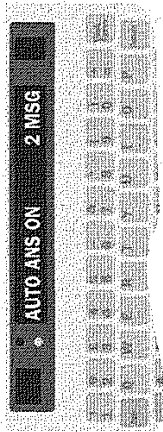
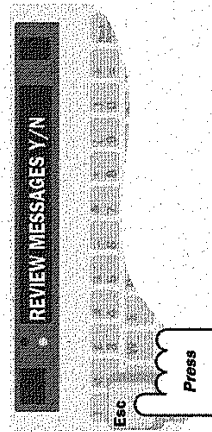


## Reading Auto-Answer Message

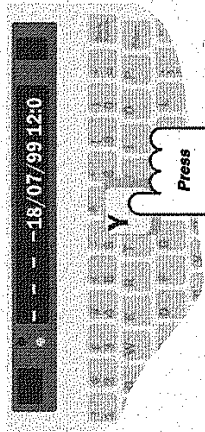
The Auto-Answer display shows how many messages you have received.



1. Press **Esc** to turn off Auto-Answer.

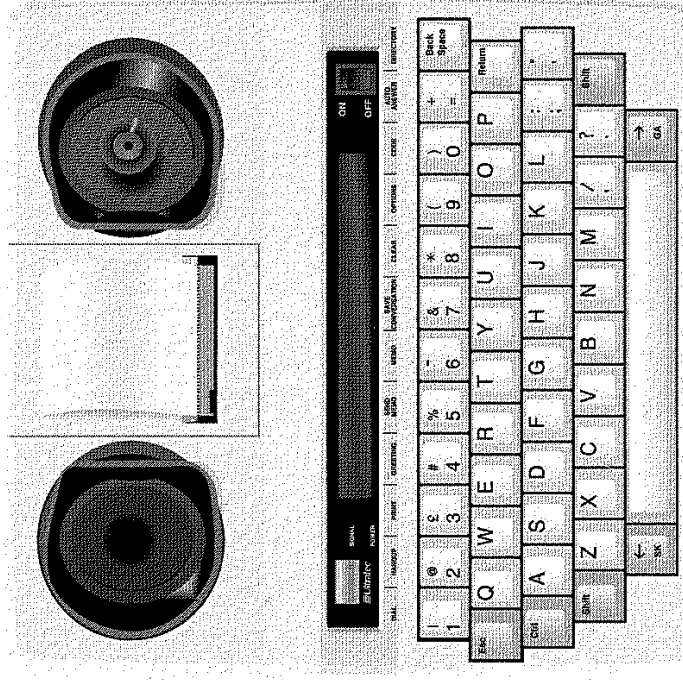


2. Press **Y** to read your messages.



**Questions about repairs/warranty?**  
Please contact the dealer that you purchased your Text Phone/Uniphone from for Customer Service details.

# USING YOUR MINICOM 6000 PLUS™



## Acknowledgement

In 1963, Dr. Robert H. Weitbrecht, an American physicist who was deaf, developed an acoustic coupler that could send and receive teletypewriter signals over the telephone lines. His invention, the Weitbrecht Modem, enabled people who are deaf to use the telephone for the first time.

While modern technology now makes it possible to build advanced microcomputer devices like your new Ultratec text telephone, the Weitbrecht modem remains the major technological breakthrough that began telecommunications for the deaf. Ultratec wishes to acknowledge the importance of Dr. Weitbrecht's contribution to the welfare of people who are deaf the world over.



Dr. Robert H. Weitbrecht, 1920-1983, inventor of the first TTY modem.

## Questions about repairs/warranty?

Please contact the dealer that you purchased your Text Phone/Uniphone from for Customer Service details.

Fifth edition  
First printing  
May 2007  
© 1999-2007 Ultratec, Inc.

Turbo Code is a registered trademark of Ultratec, Inc.  
Minicom 6000 Plus and Auto ID are trademarks of Ultratec, Inc.

# CONTENTS

CHAPTER 1	Contents	1
	Safety Instructions	4
	Introduction	5
	Special Features	5
	Overview of the Minicom 6000 Plus	6
	Function Keys	7
CHAPTER 2	Setup	11
	Selecting a Location	11
	Making Connections	12
	Setting the Clock <b>Ctrl</b> + <b>9</b> /OPTIONS	13
CHAPTER 3	Basic Calling	15
	Making a Call in Direct Connect <b>Ctrl</b> + <b>1</b> /DIAL	15
	About the Signal Light and Display	16
	Dialling Tips	17
	Answering a Call in Direct Connect	18
	Acoustic Calling and Answering	19
CHAPTER 3	Advanced Calling	21
	Auto ID™	21
	The Printer	22
	The Built-in Help Feature <b>Ctrl</b> + <b>H</b> /HELP	23
	Turbo Code®	23
	Conversation Memory	25
	The Greeting Memo <b>Ctrl</b> + <b>4</b> /GREETING	27
	The Voice Announcer <b>Ctrl</b> + <b>Spacebar</b> /ANNOUNCER	27
	Wait for Response <b>Ctrl</b> + <b>Shift</b> + <b>W</b>	28
	Changing to Another Text Telephone <b>Ctrl</b> + <b>Shift</b> + <b>C</b>	28
	Three-Way Calling <b>Ctrl</b> + <b>Shift</b> + <b>F</b>	28
	Transferring a Call <b>Ctrl</b> + <b>1</b> /DIAL	29
	Sticky Keys	30

CHAPTER 5	<b>VCO and HCO Calling</b>	31
	Direct Connect Setup for VCO or HCO	31
	Using Different Codes for VCO/HCO	32
	Using VCO in Direct Connect	32
	Using HCO in Direct Connect	33
	Using VCO or HCO in Acoustic Mode	33
CHAPTER 6	<b>Using TextDirect</b>	34
CHAPTER 7	<b>Auto-Answer</b>	37
	How Auto-Answer Works	37
	About Auto-Answer Memory	38
	Setting Up Auto-Answer <b>Ctrl</b> + <b>[+]</b> /AUTO-ANSWER	39
	Turning On Auto-Answer <b>Ctrl</b> + <b>[+]</b> /AUTO-ANSWER	40
	Interrupting Auto-Answer <b>Esc</b>	40
	Turning Off Auto-Answer <b>Esc</b>	40
	Reading Auto-Answer Messages <b>Esc</b>	42
	Changing the Outgoing Auto-Answer Memo <b>Ctrl</b> + <b>[+]</b> /AUTO-ANSWER	42
	Auto-Answer Options	43
	Retrieving Messages Remotely	45
CHAPTER 8	<b>Memos</b>	45
	Saving a Memo <b>Ctrl</b> + <b>[6]</b> /MEMO	47
	Sending a Memo <b>Ctrl</b> + <b>[5]</b> /SEND MEMO	48
	Editing Memos <b>Ctrl</b> + <b>[6]</b> /MEMO	48
	Clearing Memos	49
	Printing Memos <b>Ctrl</b> + <b>[6]</b> /MEMO	51
CHAPTER 9	<b>Directory</b>	51
	Saving a Telephone Number <b>Ctrl</b> + <b>[Back Space]</b> /DIRECTORY	53
	Editing a Number <b>Ctrl</b> + <b>[Back Space]</b> /DIRECTORY	53
	Clearing Numbers in the Directory	54
	Printing Directory Numbers <b>Ctrl</b> + <b>[Back Space]</b> /DIRECTORY	54

CHAPTER 10	<b>Options</b>	55
	Setting the Print Case <b>Ctrl</b> + <b>[9]</b> /OPTIONS	55
	Setting the Print Size <b>Ctrl</b> + <b>[9]</b> /OPTIONS	56
	Setting the Display Mode <b>Ctrl</b> + <b>[9]</b> /OPTIONS	56
	Setting Pulse Dialling <b>Ctrl</b> + <b>[9]</b> /OPTIONS	57
	Setting the Auto-Answer Rings <b>Ctrl</b> + <b>[9]</b> /OPTIONS	57
	Selecting an Auto-Answer Memo <b>Ctrl</b> + <b>[9]</b> /OPTIONS	58
	Setting the Auto-Answer Password <b>Ctrl</b> + <b>[9]</b> /OPTIONS	58
	Selecting a Greeting Memo <b>Ctrl</b> + <b>[9]</b> /OPTIONS	59
	Turning Off Printing of the Date and Time <b>Ctrl</b> + <b>[9]</b> /OPTIONS	60
	Setting the Date and Time <b>Ctrl</b> + <b>[9]</b> /OPTIONS	60
	Changing the Relay Voice Announcer Number <b>Ctrl</b> + <b>[9]</b> /OPTIONS	61
	Turning Off Turbo Code <b>Ctrl</b> + <b>[9]</b> /OPTIONS	61
	Turning Off Auto ID <b>Ctrl</b> + <b>[9]</b> /OPTIONS	61
	Turning Off Interrupt <b>Ctrl</b> + <b>[9]</b> /OPTIONS	62
	Changing CCITT Seek Time <b>Ctrl</b> + <b>[9]</b> /OPTIONS	62
	Turning Off the Auto-Answer Relay Voice Announcer <b>Ctrl</b> + <b>[9]</b> /OPTIONS	63
CHAPTER 11	<b>Codes</b>	63
	Using EDT Code	64
	Using CCITT Code	67
	Using Baudot Code	68
	Using the Danish Gateway	71
CHAPTER 12	<b>Service</b>	71
	Replacing the Printer Paper	72
	About the Batteries	74
	Troubleshooting	76
	Repair	77
CHAPTER 13	<b>Specifications</b>	79
	European Union Declaration of Conformity	81
	Index	

# INTRODUCTION

## Special Features

Welcome to the Minicom 6000 Plus™ minicom (text telephone) from Ultratec. Your new minicom has the following special features:

- **A Ring Indicator** that tells you when someone is calling.
  - **Turbo Code**® communication protocol. This feature transmits signals to other Turbo Code-equipped minicomms as fast as you can type. Turbo Code also lets you interrupt the other person's typing.
  - **Auto ID**™ alerting system. Auto ID automatically alerts the answering party that you are calling by minicom.
  - **A Relay Voice Announcer** that sends a voice message to tell callers to use the Typetalk service.
- Other features that make calling quick and easy are the following:
- **Auto-Answer** answers calls while you are gone and plays back messages when you return or when you call from another minicom.
  - **Call progress** displays RING or ENGAGED to let you know what is happening on the telephone line.
  - **Keyboard dialling** from the keyboard or memory.
  - **Call transfer and conference calling.**
  - **32k memory**—enough to save hundreds of Memos, telephone numbers, and your conversations to review.
  - **Normal, bold or wide print sizes.**
  - **Automatic printing of the date and time** on conversations saved in memory.
  - **Sticky Keys**, a feature that allows typing with only one finger if necessary.

# SAFETY INSTRUCTIONS

## SAVE THESE INSTRUCTIONS!

### Important safety instructions

When using your Minicom 6000 Plus™, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons.

1. Read and understand all instructions.
2. Follow all warnings and instructions on the Minicom 6000 Plus.
3. Unplug the Minicom 6000 Plus from the wall socket before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use the Minicom 6000 Plus near water, for example, near a bath, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
5. Do not place the Minicom 6000 Plus on an unstable trolley, stand, or table. The minicom may fall, causing serious damage to the Minicom 6000 Plus.
6. The Minicom 6000 Plus should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer.
7. Do not allow anything to rest on the power cord. Do not locate the Minicom 6000 Plus where people can walk on the cord.
8. Do not overload wall sockets and extension cords. This overloading can result in a fire or electric shock.
9. To reduce the risk of electric shock, do not take apart the Minicom 6000 Plus. Send it to a qualified service person when service work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the minicom is subsequently used.
10. Avoid using a telephone (other than a cordless type) during an electrical storm. There is a remote risk of electric shock from lightning.

11. Unplug the Minicom 6000 Plus from the wall socket and refer servicing to qualified service personnel under the following conditions:

- (a) When the power supply cord or plug is damaged or frayed.
  - (b) If liquid has been spilled into the minicom.
  - (c) If the minicom has been exposed to rain or water.
  - (d) If the minicom does not operate normally. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the minicom to normal operation.
  - (e) If the minicom has been dropped or damaged.
  - (f) If the minicom works very differently from the way you expect it to.
12. Do not use the minicom to report a gas leak in the vicinity of the leak.

### Battery safety

**Caution:** To reduce the risk of fire or injury to persons, read and follow these instructions:

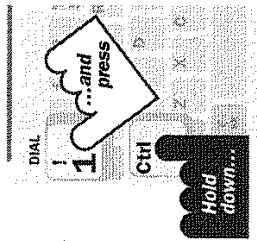
1. Use only the type and size battery specified in the battery instructions for your unit.
2. Do not dispose of the batteries in a fire. Cells may explode. Check with your local council for possible special disposal instructions.
3. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short them with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

## Function Keys

Use the function keys to tell the Minicom 6000 Plus to do something or to change a setting. For example, use the Greeting function key ( **4** /GREETING) to send the Greeting memo. Or, use the Options function key ( **9** /OPTIONS) to set the time and date.

### Hold Down the Control Key to Use Function Keys **Ctrl**

You must hold down the **Ctrl** key and then press the function key to use a function. For example, to dial, hold down the **Ctrl** key while you press the **1** /DIAL key.



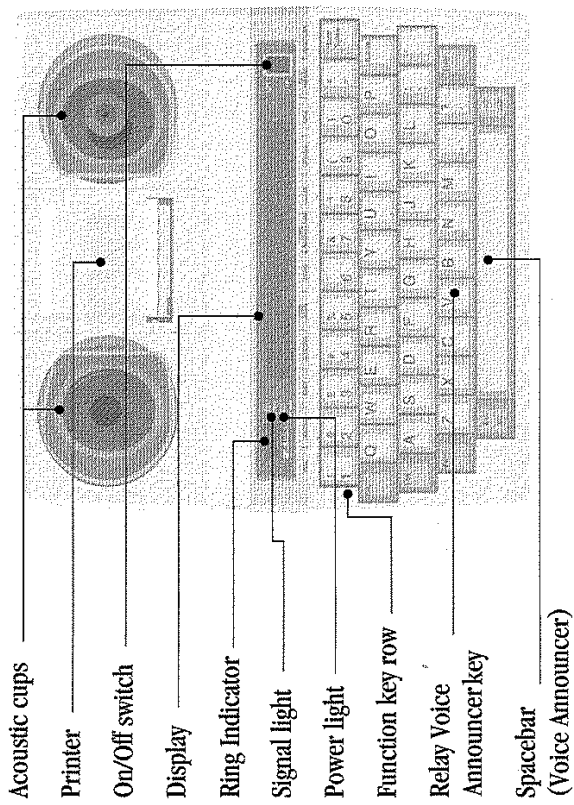
**NOTE:** If you have difficulty pressing two keys at one time, see *Sticky Keys* on page 30.

### Press the Escape Key to Quit a Function **Esc**

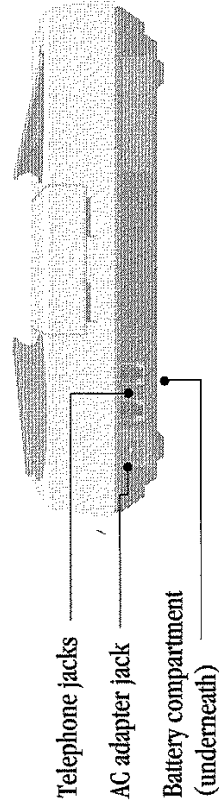
When you use a function, you can use the **Esc** key alone to quit whatever you are doing. **Changes are saved.**

## Overview of the Minicom 6000 Plus

### Top View

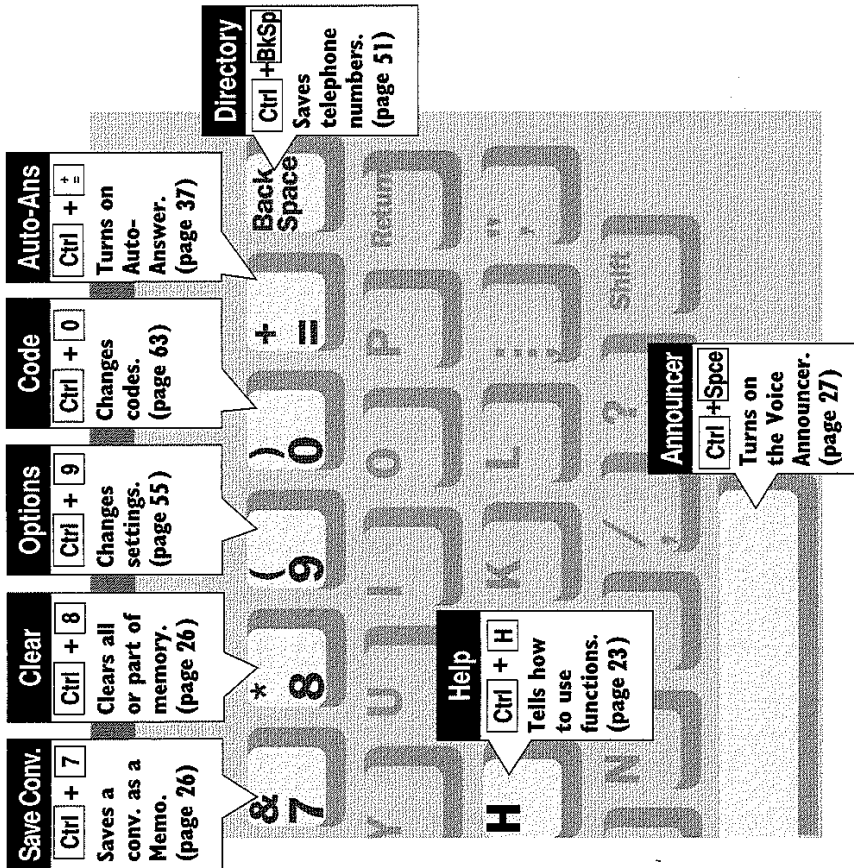
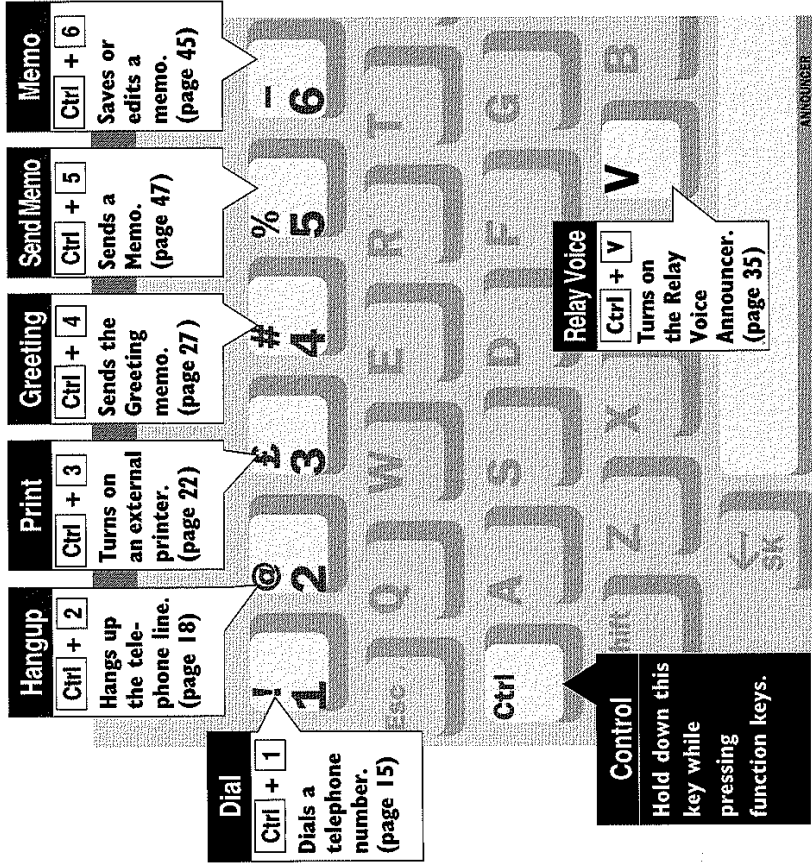


### Back View



## Diagram of Function Keys

This diagram shows the most important functions on the Minicom 6000 Plus.



## CHAPTER

# 2 SETUP

The Minicom 6000 Plus is simple to set up. You will need a mains power socket to plug in the AC adapter and either: (1) a connection to a standard telephone line or, (2) access to a telephone.

The best way to use the Minicom 6000 Plus is to plug it into a standard telephone line. This is called direct connect. See *Selecting a Location* below for more information on direct connect. If you cannot plug the Minicom 6000 Plus into a standard telephone line, you can also make and answer calls by placing a telephone handset in the Minicom 6000 Plus's acoustic cups.

## Selecting a Location

The Minicom 6000 Plus requires a standard (analogue) telephone line, the kind found in most homes. Some businesses use digital telephone systems. To use the Minicom 6000 Plus with a digital system, use only the acoustic cups. Do not connect the Minicom 6000 Plus directly to the telephone line of a digital telephone system. If you wish to use direct connect, some modifications can be made to the digital system. If you are not sure of the type of telephone line you are using, contact your telephone installer.

Select a location to set up the Minicom 6000 Plus where:

- ✓ There is a mains power socket nearby
- ✓ There is a phone jack nearby
- ✓ Cords will not cross walkways
- ✓ The Ring Indicator is easily visible
- ✓ The surface it is set on is stable
- ✓ The area is protected from excessive heat or humidity

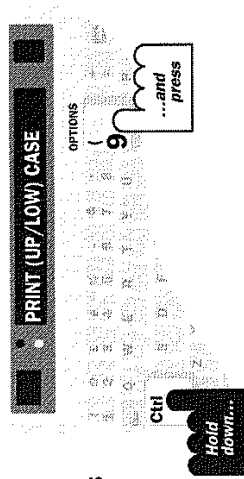
## Complete List of Function Keys

Dial	Ctrl + 1 /DIAL	Dials a telephone number	p. 15
Hangup	Ctrl + 2 /HANGUP	Hangs up the telephone line	p. 18
Print	Ctrl + 3 /PRINT	Turns the printer on and off	p. 22
Greeting	Ctrl + 4 /GREETING	Sends the Greeting memo	p. 27
Send Memo	Ctrl + 5 /SEND MEMO	Sends a Memo	p. 47
Memo	Ctrl + 6 /MEMO	Saves, edits or clears a Memo	p. 45
Save	Ctrl + 7 /SAVE CONV.	Saves a conversation as a Memo	p. 26
Conversation			
Clear	Ctrl + 8 /CLEAR	Clears all or part of memory	p. 26
Options	Ctrl + 9 /OPTIONS	Changes settings	p. 55
Code	Ctrl + 0 /CODE	Changes codes	p. 63
Auto-Answer	Ctrl + * /AUTO-ANSWER	Turns on Auto-Answer	p. 37
Directory	Ctrl + Back Space /	Saves telephone numbers	p. 51
DIRECTORY			
Help	Ctrl + H /Help	Explains how to use functions	p. 23
Relay Voice	Ctrl + V /RELAY VOICE	Turns on Relay Voice Announcer	p. 35
Announcer	Ctrl + Spacebar /	Turns on the Voice Announcer	p. 27
ANNOUNCER			
Interrupt	Ctrl + I	Interrupts other person's typing	p. 24
Time	Ctrl + T	Displays/prints date and time	p. 13
Wait for	Ctrl + Shift + W	Flashes Ring Indicator when on-hold ends	p. 28
Response			
Three-way calling	Ctrl + Shift + F	Uses three-way calling telephone service	p. 28
Change to			
Baudot	Ctrl + Shift + B	Changes from Turbo Code to Baudot code	p. 29
Remain	Ctrl + R /REMAIN	Shows spaces in Memo/Directory memory	p. 46
Sensitivity	Ctrl + S /SENS.	Improves Baudot reception	p. 74
Change to another text telephone	Ctrl + Shift + C	Puts call on hold to change to another text telephone	p. 28

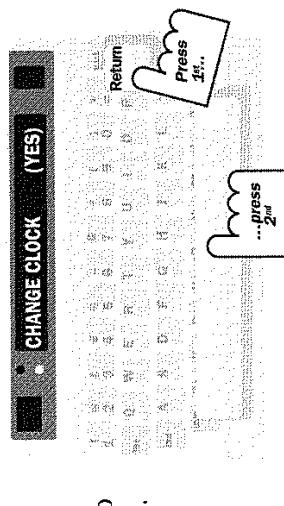
## Setting the Clock **Ctrl** + **9** /OPTIONS

The clock feature displays the date and time at the beginning of each conversation, at the beginning of each Auto-Answer message and whenever you press the Time key (**Ctrl** + **T**). You must set the clock after you plug in the Minicom 6000 Plus to display the correct date and time.

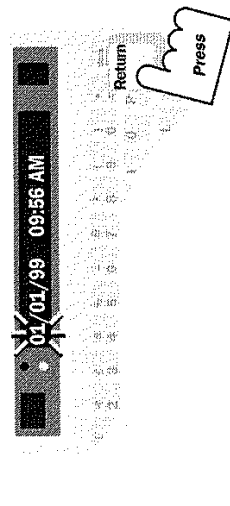
1. Press the Options key (**Ctrl** + **9** /OPTIONS). **PRINT (UP/LOW) CASE** is displayed.



2. Press **Return** until you see **CHANGE CLOCK (NO)**. Then, press the **Spacebar** to change the setting to **(YES)**.



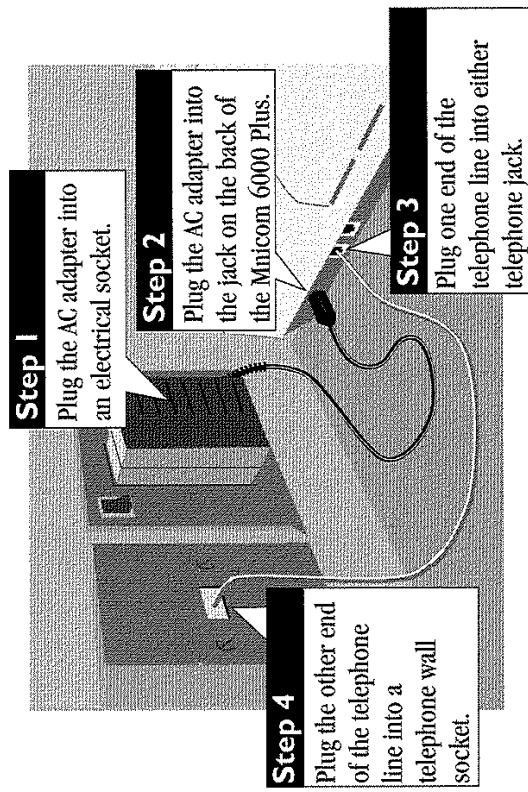
3. Press **Return**. The date and time are displayed with the day flashing.



## Making Connections

Pull the plastic tab out of the battery compartment on the bottom of the Minicom 6000 Plus before you plug in the AC adapter. The Ring Indicator will not work if the tab is not removed and the batteries are not fully charged.

The AC adapter supplies electricity to the Minicom 6000 Plus and charges the batteries. You should leave the adapter plugged in at all times. New batteries will be fully charged after 24 hours. Once fully charged, batteries will provide about 90 minutes of normal use without electrical connection. For more information on using battery power, see *About the Batteries* on page 72.



The illustration above shows how to set up for direct connect. This means the Minicom 6000 Plus is plugged directly into the telephone line. In direct connect, you can dial from the keyboard and use Auto-Answer.

If, for some reason, you cannot plug a telephone line into the Minicom 6000 Plus, you can connect by putting a telephone handset in the acoustic cups. See *Acoustic Calling and Answering* on page 19 for more information.

The Minicom 6000 Plus comes set up for tone dialling, which is used by most telephone lines. If your line uses pulse dialling, make sure the minicom is set up for that. For more information, see *Setting Pulse Dialling* on page 57.



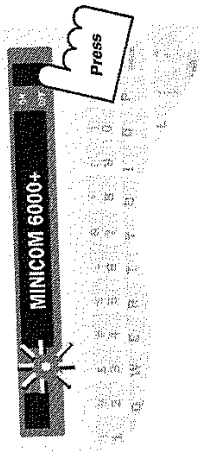
## CHAPTER

# 3 BASIC CALLING

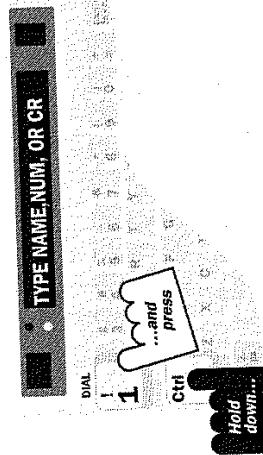
This chapter covers the basics of making and receiving minicom calls.

## Making a Call in Direct Connect **Ctrl + 1 /DIAL**

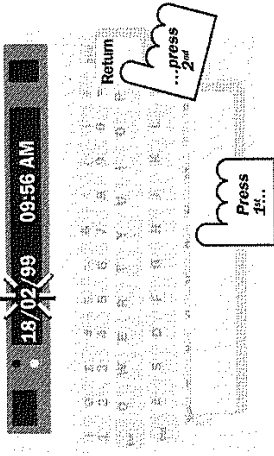
1. Turn on the Minicom 6000 Plus.



2. Hold down the **Ctrl** key and press the **1 /DIAL** key.



4. Press the **Spacebar** or the **Back Space** key to set the month. Then, press **Return** to move to the next setting. Press **Esc** when you finish to save changes and exit this menu.



## Dialling Tips

### Special Dialling Characters

You may need to type a '9' or other number to reach an outside line if you are using the Minicom 6000 Plus in an office. The exact method of dialling will depend on your local telephone system. Dialling a text telephone call should be the same as dialling a voice call.

Use a comma to put in a one-second pause.

For example:

9,01234 756026

Use an '!' for a timed break recall. A timed break recall is used in a voice mail system or to transfer a call.

You cannot use '\*' and '#' with pulse dialling.

### Redialling the Last Number + /DIAL

Follow these steps to redial the last number you dialled:

1. Press the Dial key ( +  /DIAL). TYPE NAME, NUM, OR CR is displayed.
2. Press .

### Dialling from the Directory + /DIAL

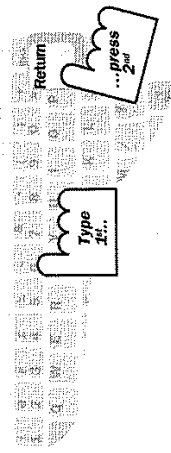
You can dial from the Directory if you have numbers saved. Follow these steps to dial from the directory:

1. Press the Dial key ( +  /DIAL). TYPE NAME, NUM, OR CR is displayed.
2. Type a name or press the  to review the list of Directory names.
3. Press  when you find the name you want.

3. Type the telephone number you are calling. Then, press  to dial the number.

While typing, you can use the  key to correct mistakes.

DIALLING 01234 756026



4. When you see an answer on the display, type a greeting. Turn off the Minicom 6000 Plus when you are finished with your call.

## About the Signal Light and Display

The Signal light and the display show what is happening on the telephone line (the display shows call progress in direct connect only). The following chart explains what you see.

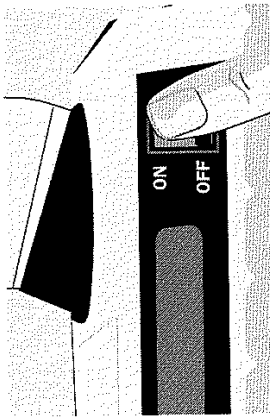
Signal Light	Display	Telephone Line
Stays on before dialling		Dial tone
Stays on after dialling		No connection
Flashes quickly after dialling	ENGAGED	Engaged
Slow flashing	RING	Ringing
Irregular blinking		The other person is picking up the handset, speaking or sending Voice Announcer message.

## Acoustic Calling and Answering

1. Put the telephone handset in the acoustic cups on the Minicom 6000 Plus. Make sure that the telephone cord is on the left side.



2. Turn on the Minicom 6000 Plus. If you are making a call, go to Step 3. If you are answering a call, type a greeting to begin your conversation.



3. Dial the number on the telephone. Watch the signal light and display for call progress.



4. When you see an answer on the display, type a greeting. Hang up the telephone and turn off the Minicom 6000 Plus when you finish your call.

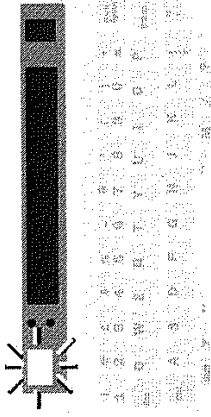
## Using the Hangup Key **Ctrl** + **2** /HANGUP

Follow these steps to hang up and make another call without turning off the Minicom 6000 Plus:

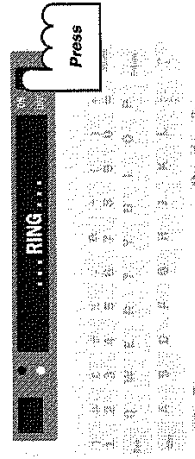
1. Press the Hangup key (**Ctrl** + **2**/HANGUP). HANG UP PHONE Y/N is displayed.
2. Press **Y** to hang up. The telephone line is hung up, even though the Minicom 6000 Plus is still turned on.  
Press **N** if you decide not to hang up.

## Answering a Call in Direct Connect

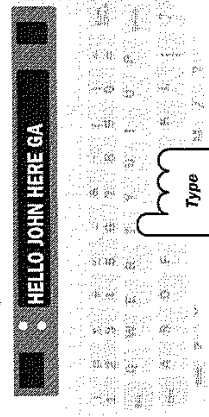
1. The Ring Indicator flashes when the Minicom 6000 Plus receives a call.



2. Turn on the Minicom 6000 Plus. RING is displayed.



3. Type a greeting and wait for an answer.
4. Turn off the Minicom 6000 Plus when you finish.



## CHAPTER

# 4 ADVANCED CALLING

This chapter describes Minicom 6000 Plus features that can make your calling easier and more enjoyable.

## Auto ID™

### About Auto ID

The Auto ID feature alerts a hearing person that you are calling from a text telephone. It alerts the person by sending several audible tones over the telephone line every few seconds. Auto ID helps emergency services detect that you are calling by text telephone.

Auto ID comes on when you turn on your Minicom 6000 Plus and continues until you start a conversation. If you are on-line, you will see **SENDING AUTO ID** on the display every time the Minicom 6000 Plus sends out tones.

Auto ID will also begin sending tones whenever no one types for a few minutes during a conversation. It continues until someone starts typing.

### Turning Off Auto ID **[Ctrl] + [9] /OPTIONS**

**NOTE:** When you turn off Auto ID, it stays off and will not send tones until you turn it on again. This means that an emergency centre may not be able to quickly detect your call as being from a text telephone.

1. Press the Options key (**[Ctrl] + [9] /OPTIONS**). **PRINT (UP/LOW) CASE** is displayed.
2. Press **[Return]** until you see **AUTO ID (ON)** on the display.
3. Press the **[Spacebar]** to change the setting to **(OFF)**.
4. Press **[Esc]** to save the new setting and exit the Options menu.



Your choice will remain, even when you turn the unit off and on, until you change it again or reset the Minicom 6000 Plus.

### Turning Off Printing of the Date and Time **Ctrl + 9** /OPTIONS

You can stop the Minicom 6000 Plus from printing the date and time on conversations and messages by following these steps:

1. Press the Options key (**Ctrl + 9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see PRINT DATE/TIME (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the new setting and exit the Options menu.

### The Built-In Help Feature **Ctrl + H** /HELP

Press the Help key (**Ctrl + H** /HELP) for short descriptions of how to use different functions.

There are two ways to use the help feature:

- Press the Help key (**Ctrl + H** /HELP) first. Then, hold down the **Ctrl** key and press the function key you want help with.

#### For example:

Press **Ctrl + H** /HELP. Then, press **Ctrl + =** /AUTO-ANSWER to find out how to turn on Auto-Answer.

- Press a function key first. Then press the Help key (**Ctrl + H** /HELP).

#### In this case:

Press **Ctrl + =** /AUTO-ANSWER, to start turning on Auto-Answer. Then, press **Ctrl + H** /HELP to get more information about the function.

Press **Esc** when you finish reading the Help message.

### Turbo Code<sup>®</sup>

Turbo Code is an enhancement that is automatically activated when you are communicating with another minicom equipped with Turbo Code. It sends your letters as fast as you type them. It also lets you interrupt each other at any time during a conversation.

## The Printer

### About the Printer **Ctrl + 3** /PRINT

The printer is on when you turn on your Minicom 6000 Plus for the first time. Press the Print key (**Ctrl + 3** /PRINT) to turn off the printer. The display says PRINTER OFF. Press the Print key again to turn the printer back on. You can turn the printer on or off at any time, including during a call.

When normal-sized print is used, the printer starts a new line after 24 characters are typed. If a word is too long to fit at the end of a line, the printer divides it with a dash. You can also start a new line yourself by pressing the **Return** key. Often the last line will not be printed at the end of a conversation unless you press the **Return** key before you turn off the minicom.

### Setting the Print Case **Ctrl + 9** /OPTIONS

The Minicom 6000 Plus prints everything you type in lowercase (small) letters and everything the other person types in uppercase (CAPITAL) letters. You can change this setting so that everything is printed in uppercase letters by following these steps:

1. Press the Options key (**Ctrl + 9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press the **Spacebar** to change the setting to (UPPER).
3. Press **Esc** to save the new setting and exit the Options menu.

Your choice will remain, even when you turn the unit off and on, until you change it again or reset the Minicom 6000 Plus.

### Setting the Print Size **Ctrl + 9** /OPTIONS

Your Minicom 6000 Plus is set to print 24 characters on each line (normal setting). You can change this setting and print 19 characters (bold setting) or 14 characters (wide setting) per line. Follow these steps to change the print size:

1. Press the Options key (**Ctrl + 9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see PRINT SIZE (NORMAL) on the display.
3. Press the **Spacebar** to change the setting to (BOLD) or (WIDE).
4. Press **Esc** to save the new setting and exit the Options menu.

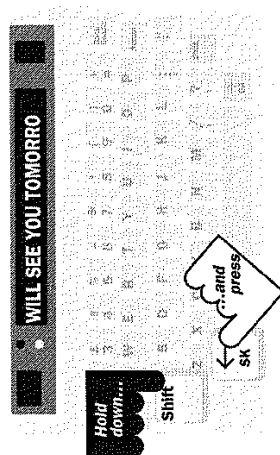
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the new setting and exit the Options menu.

## Conversation Memory

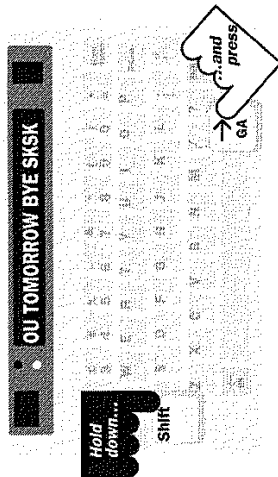
### Reading Conversation Memory **Shift + [sk]**

Your Minicom 6000 Plus automatically records your conversations. These can be re-read by anyone unless you clear them. A conversation is everything you and the other person type during a call. Conversations are saved one after another in the conversation memory until the memory fills up. When the memory is full, the Minicom 6000 Plus clears the oldest conversations to make room for new ones.

1. To review the conversations in memory, hold down the **Shift** key and press **[sk]**. To move faster, continue to hold down **Shift** and let go of the **[sk]** key.



2. To read forward, hold down **Shift** and press **[GA]**. If you do not want to print, turn off the printer by pressing **Ctrl + 3 /PRINT**.



3. Press any key to return to the end of memory when you finish. If necessary, turn the printer back on by pressing **Ctrl + 3 /PRINT**.

When you are connected to another Turbo Code-equipped minicom, you will see a small dot in the lower left corner of the display.



### The Turbo Dot

#### Turning Off Turbo Code **Ctrl + Shift + B**

You can switch to Baudot code at any time by pressing **Ctrl + Shift + B**. The Minicom 6000 Plus will return to using the automatic code setting when you turn it off.

#### Using Turbo Code Interrupt **Ctrl + I**

You can interrupt the other person when he or she is typing by following these steps:

1. Verify that you can see the Turbo Code dot in the lower left corner of your display.
2. Press the Interrupt key (**Ctrl + I**) while the other person is typing. You will see INTERRUPT REQUESTED on the display.
3. The other person will see INTERRUPT on the display. He or she can choose to stop typing and let you go ahead or ignore your interruption and continue.

If you see INTERRUPT on your display while the Ring Indicator flashes, it means that the other person wants to interrupt you and start typing. You can choose to stop and let the other person go ahead or continue typing yourself. You may also see INTERRUPT on your display even when you are not connected in Turbo Code if the other person taps the spacebar a few times.

#### Turning Off Turbo Code Interrupt **Ctrl + 9 /OPTIONS**

You can turn off interrupt so that the other person cannot send an interrupt to you. You can still send an interrupt to the other person.

Follow these steps to turn off interrupt:

1. Press the Options key (**Ctrl + 9 /OPTIONS**). PRINT (UP/LOW) CASE is displayed.
2. Press **[Return]** until you see INTERRUPT (ON) on the display.

## The Greeting Memo **Ctrl** + **4** /GREETING

Your Minicom 6000 Plus comes with a Greeting saved in the list of Memos. The Memo is called 'Greeting.' The message saved for it is, 'Hello ga.'

To answer a call with the Greeting:

1. Turn on the Minicom 6000 Plus.
2. Press the Greeting key (**Ctrl** + **4** /GREETING). HELLO GA is displayed while the Memo is sent over the telephone line (GA is a common abbreviation for 'Go ahead').

## Editing the Greeting Memo **Ctrl** + **6** /MEMO

1. Press the Memo key (**Ctrl** + **6** /MEMO). EDIT MEMO> is displayed.
2. Type 'GREETING' and press **Return**. This tells the Minicom 6000 Plus that you want to edit the Memo named 'Greeting.'
3. Press the Clear key (**Ctrl** + **8** /CLEAR). CLEAR CONTENTS Y/N is displayed.
4. Press **Y** to erase the contents of the Greeting.
5. Type the new message you want to send as your Greeting.
6. Press **Esc** to save the new message.
7. To test your new message, press the Greeting key (**Ctrl** + **4** /GREETING).

For more information on Memos, see Chapter 8.

## The Voice Announcer **Ctrl** + **Spacebar** /ANNOUNCER

The Voice Announcer message is a recording of a man's voice that says, 'Text call, please use text telephone.' Each time the voice speaks, the message is also displayed. Use the Voice Announcer when you call someone who has both a minicom and a telephone to let them know that they should answer your call with a text telephone.

1. Watch the signal light for ringing and an indication that your call has been answered.
2. Hold down the **Ctrl** key and press the **Spacebar** /ANNOUNCER. This will turn on the Voice Announcer.
3. Watch the display. When the other person has answered using a minicom, start typing your conversation.

## Clearing Conversations **Ctrl** + **8** /CLEAR

If for some reason you do not want to leave a conversation in memory, you can clear the conversation memory yourself. This erases all conversations but does not clear Memos, Directory entries or Auto-Answer messages.

To clear conversations:

1. Press the Clear key (**Ctrl** + **8** /CLEAR). CLEAR CONVERSATION is displayed.
2. Press **Return**. CLR CONVERSATION Y/N is displayed.
3. Press **Y** to clear the conversation. (Press **N** if you decide not to clear conversations.)

## Saving a Conversation as a Memo

### **Ctrl** + **7** /SAVE CONVERSATION

You can save your conversation as a Memo at any time during or after a call, but you must do it before you turn off your Minicom 6000 Plus. The conversation is recorded from the beginning of the conversation. Memos are stored in memory until you clear them. For more information on Memos, see Chapter 8.

To save a conversation as a Memo:

1. Press the Save Conversation key (**Ctrl** + **7** /SAVE CONVERSATION).
2. Type a new Memo name and press **Return**. The display returns to the conversation. You are now recording.
3. To stop recording at any time, press **Esc**. The display returns to the conversation.

Your conversation is now saved as a Memo and you will see it in the list of Memos. Even if you clear conversation memory, you will still be able to read the Memo you created.

**NOTE:** If Memo memory does not have room for the whole conversation, it saves as much of the most recent part as it can and stops recording.

2. Ask the first person to hold. Then, hold down the **Ctrl** and **Shift** keys and press the **F** key to place the first person on hold. You will see **RECALL** on the display followed by **TYPE NAME, NUM, OR CR**.
3. Dial the second number and begin your conversation.
4. Press **Ctrl** + **Shift** + **F** to reconnect to the first person. You now have a three-way calling conversation.

If the second number is busy, press **Ctrl** + **Shift** + **F** to reconnect with the first person.

**NOTE:** If someone calls you to set up a three-way conversation, you should press **Ctrl** + **Shift** + **B** to be sure that you are using Baudot code. You may have originally connected in Turbo Code and all three people in a three-way conversation must be using Baudot code.

## Transferring a Call **Ctrl** + **1** /**DIAL**

Office telephone systems vary widely and specifics of how to transfer a call will be different for each system. Most telephone systems require a timed break recall to transfer a call. On the Minicom 6000 Plus, typing an '1' when you are dialing sends a timed break recall.

Here is an example of typical steps required to transfer a call while you are on the line with another person:

1. Press the Dial key (**Ctrl** + **1** /**DIAL**). **TYPE NAME, NUM, OR CR** is displayed
2. Type an exclamation mark (!) by holding down the **Shift** key and pressing the **1** key.
3. Type the number of the extension to which you are transferring the call.
4. Press **Return**.
5. Press the Hangup key (**Ctrl** + **2** /**HANGUP**) or turn off your Minicom 6000 Plus when you see the last number you dialled appear on the display.

The exact steps you need to follow will depend on your local telephone system. Transferring a minicom call will require the same steps as transferring a voice call.

## Wait for Response **Ctrl** + **Shift** + **W**

Use the Wait for Response feature when the other person tells you to hold. The Ring Indicator will alert you when the other person starts typing again. This lets you do other things in the vicinity while you are on hold.

To turn on Wait for Response:

1. When the other person types, 'Hold please,' or something similar, hold down the **Ctrl** and **Shift** keys and press the **W** key (**Ctrl** + **Shift** + **W**). The display says **WAITING**.
2. When you see the Ring Indicator flashing, the other person is typing. Continue your conversation. The Ring Indicator will stop when you start typing.

## Changing to Another Text Telephone

### **Ctrl** + **Shift** + **C**

If you are at home, you can change from using the Minicom 6000 Plus to a different minicom on a different extension of the telephone line. The Minicom 6000 Plus must be in direct connect to use this feature.

**NOTE:** This feature should not be used to transfer calls in an office.

1. Hold down the **Ctrl** and **Shift** keys and press the **C** key to put the call on hold.  
Leave the Minicom 6000 Plus turned on.
2. Go to another minicom connected to the same telephone line (either direct connect or acoustic), turn the minicom on and type three full stops (. . .). The Minicom 6000 Plus will hang up.
3. Continue your conversation from the second minicom.

## Three-Way Calling **Ctrl** + **Shift** + **F**

If your telephone service includes three-way calling, the Minicom 6000 Plus lets you put one call on hold, call another number and carry on a conversation amongst three people.

1. Call the first number and begin your conversation.



## CHAPTER

# 5 VCO AND HCO CALLING

If you cannot hear but wish to speak for yourself during a call, you can use Voice Carry-Over (VCO). When you use VCO, you speak into a telephone handset. The other person can hear what you say and then respond by typing back on a text telephone keyboard.

If you wish to hear what the other person says and type your response, you can use Hearing Carry-Over (HCO). When you use HCO, you listen with a telephone handset and then respond by typing on the Minicom 6000 Plus.

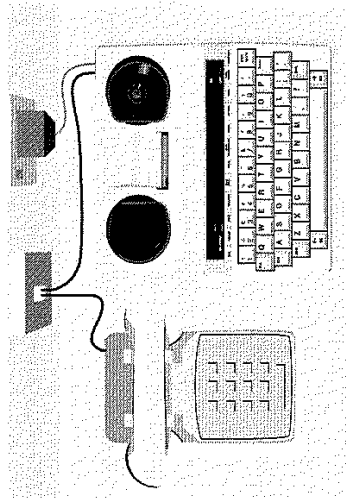
You can make VCO calls in Baudot, EDI, CCIIT and Turbo Code. See *Using Different Codes for VCO/HCO* on page 32 for more information. You should use VCO and HCO in direct connect mode whenever possible.

## Direct Connect Setup for VCO or HCO

If you want to use VCO or HCO when your Minicom 6000 Plus is directly connected to the telephone line, you will need the following:

- A standard telephone.
- A telephone socket doubler. You can get one at any store that sells telephones.

Plug the Minicom 6000 Plus and the telephone into the same telephone socket using the socket doubler.



## Sticky Keys

Ordinarily, when you use the **Ctrl** or **Shift** keys, you must hold down either key while you press another key. If you have trouble pressing two keys at one time, the Sticky Keys feature lets you use the **Ctrl** and **Shift** keys by pressing one key at a time.

Press either **Shift** key five times to turn on Sticky Keys. You will see STICKY KEYS ON on the display.

Now you can dial by pressing **Ctrl** and then pressing **1/DIAL**. You do not need to hold down **Ctrl**. Or, you can type a 's' by pressing **Shift** and then pressing the **3** key.

When Sticky Keys is on, you can also lock down the **Ctrl** key or the **Shift** key so that it affects every key you press after that until you unlock it. To lock the **Ctrl** key or the **Shift** key, press the key twice. To unlock, press the key one more time.

For example, to read conversation memory, press the **Shift** key twice to lock it. Press the **sk** key to move backward through memory. Press the **sk** key to move forward. Press the **Shift** key once more to unlock it.

Press either **Shift** key five more times to turn off Sticky Keys. The display says STICKY KEYS OFF.

After you turn on the Sticky Keys feature, it stays on until you turn it off or reset the unit.

## Using HCO in Direct Connect

If you want to type to the other person and hear the reply, do the following:

1. Tell the other person you want to use HCO by typing 'HCO PLEASE GA.' Check that they say 'OK' before continuing.
2. Pick up the telephone handset.
3. Hang up the Minicom 6000 Plus by Pressing the Hangup key ( $\boxed{\text{Ctrl}} + \boxed{2}$ /HANGUP) and then pressing  $\boxed{Y}$ . You will not lose the call as you have the telephone handset in your hand. You will see MINICOM 5000+ on the display.
4. When the other person has finished speaking, put the handset onto the acoustic cups on the Minicom 6000 Plus with the telephone lead going off to the left.
5. Type your reply, unless you made the call to Typetalk. If you made the call to Typetalk, wait for MINICOM 5000+ to disappear from the display. You can then type your reply.
6. Repeat steps 2 to 6 each time you want to listen.
7. Be sure to hang up both the telephone and the Minicom 6000 Plus when you finish your call.

## Using VCO or HCO in Acoustic Mode

If you do not have your Minicom 6000 Plus directly connected to the telephone line, you can still make VCO and HCO calls in *Baudot*, *Turbo Code* or *EDT* by doing the following:

1. Tell the other person that you want to use VCO (or HCO). Check that they say 'OK' before continuing.
2. Pick up the telephone handset and speak (or listen).
3. When you finish speaking (or listening), return the handset to the acoustic cups on the Minicom 6000 Plus.
4. Wait for text to appear on the display (or type).
5. Repeat steps 2 to 4 each time you want to speak (or listen).

## Using Different Codes for VCO/HCO

If you are communicating with another minicom user you can use VCO or HCO in either direct connect or acoustic modes. If you are communicating with Typetalk or a Qwertyphone-user in CCITT then you should use the direct connect instructions and follow the special commands for Typetalk.

If you are communicating with a European minicom user who is using EDT, then you must use the acoustic mode instructions.

For more information on the different codes and how to select them see Chapter 11, *Codes*.

## Using VCO in Direct Connect

1. Tell the other person that you want to use VCO by typing 'VCO PLEASE GA.' Check that they say 'OK' before continuing.
2. Pick up the telephone handset.
3. Hang up the Minicom 6000 Plus by Pressing the Hangup key ( $\boxed{\text{Ctrl}} + \boxed{2}$ /HANGUP) and then pressing  $\boxed{Y}$ . You will not lose the call as you have the telephone handset in your hand.
4. When you see MINICOM 5000+ on the display, you can begin speaking.
5. When you finish speaking, put the handset onto the acoustic cups on the Minicom 6000 Plus with the telephone lead going off to the left.
6. Wait for text to appear on the display, unless you received the call from Typetalk. If the call is from Typetalk, press the  $\boxed{\text{Spacebar}}$ , then wait for text to appear.
7. Repeat steps 2 to 6 each time you want to speak.
8. Be sure to hang up both the telephone and the Minicom 6000 Plus when you finish your call.

## Using the Relay Voice Announcer

**Ctrl** + **V** /RELAY VOICE

The relay voice announcer is a recording that tells a hearing person you are answering with a text telephone and that the call should go through TextDirect if the caller does not have a text telephone. It also gives the number to dial for Typetalk.

When the signal light flickers, telling you that someone is speaking instead of typing, press **Ctrl** + **V** /RELAY VOICE to turn on the Relay Voice Announcer.

A man's voice repeats 'Please use text telephone or dial Typetalk 0800 515152.' You will see the message on the display at the same time. The message stops when someone starts typing.

**NOTE:** The Typetalk telephone number stored, 0800 515152, must be changed to 18002 followed by your telephone number including the area code (e.g., 1800201234756026 where the telephone number is 012343756026). Instructions on how to change the number are found on page 60 under *Changing the Relay Voice Announcer Number*.

If you are using the Minicom 6000 Plus in auto answer in an office/call centre situation, you may want to turn off the Relay Voice Announcer. Instructions on how to do this can be found on page 62 under *Turning Off the Auto-Answer Relay Voice Announcer*.

## CHAPTER

# 6 USING TEXTDIRECT

TextDirect is a Relay Service that allows you to use an operator to translate text into words. This enables conversations between Minicom 6000 Plus users and ordinary phone users. To access the service you dial a special prefix number.

For more information on how to access TextDirect contact:

Textphone Users

To contact Typetalk Customer Service Team dial:

18001 0800 500 888

Fax: 0151 709 8119

Switchboard: 18001 0151 709 94 94

Website: <http://www.typetalk.org>

Email: [helpline@rnid-typetalk.org.uk](mailto:helpline@rnid-typetalk.org.uk)

Typetalk and TextDirect are available 24 hours a day, 365 days a year including Christmas Day, Boxing Day, and New Year.

The Customer Service Team is available from 8am to 8pm Monday through Friday, 9am to 5pm Saturday and Sunday. Closed Bank Holidays. The Customer Service Team is available to answer any queries you may have about Typetalk or TextDirect.

## CHAPTER

# 7 AUTO-ANSWER

Use Auto-Answer when you want the Mimicom 6000 Plus to answer and take messages when you are busy or away. For Auto-Answer to work, the Mimicom 6000 Plus must be plugged directly into the telephone line.

## How Auto-Answer Works

The Mimicom 6000 Plus answers a call by sending the Relay Voice Announcer message and your outgoing Auto-Answer Memo. See *Using the Relay Voice Announcer* on page 35 for more information.

Your Auto-Answer Memo is a short text message which you save in the Memo memory. You can choose any Memo you have saved as your outgoing Auto-Answer message.

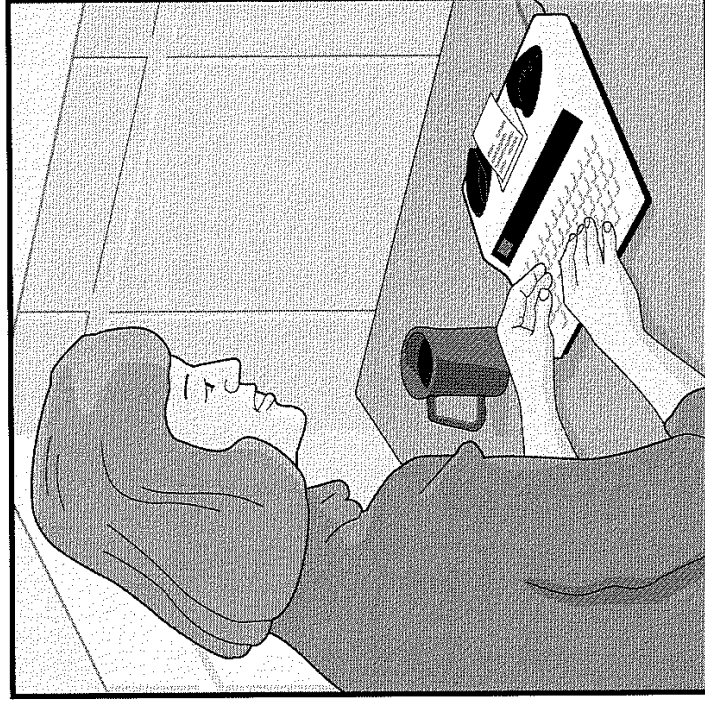
If the caller leaves a text telephone message, the Mimicom 6000 Plus saves the message, prints the message (if the printer is on) and displays the number of messages received. The Mimicom 6000 Plus hangs up after 45 seconds of silence.

**NOTE:** Auto-Answer does NOT record voice messages.

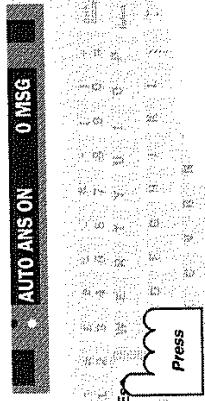
## About Auto-Answer Memory

Auto-Answer memory has enough room for at least 100 short messages. The only limit to the number of Auto-Answer messages that can be saved is the size of Auto-Answer memory, which is 22,000 characters.

If the memory does fill up, MESSAGE MEMORY FULL is added to the last message and no more messages are saved. The Mimicom 6000 Plus will still answer the telephone when memory is full if the printer is on. It will still count messages and print them. If Auto-Answer memory fills up and the printer is off, the Mimicom 6000 Plus stops answering calls.



- Press **[Esc]**. Your Memo is saved and Auto-Answer is on. This Memo will be your outgoing Auto-Answer message whenever you turn on Auto-Answer.



Use these function keys when you type your outgoing Auto-Answer Memo:

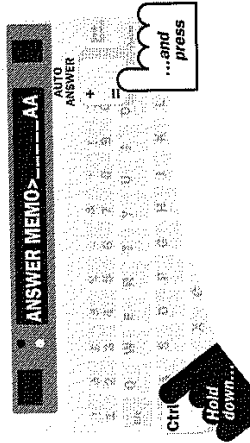
- The left arrow key **[Shift] + [←]** and the right arrow key **[Shift] + [→]** move the text back and forth across the display.
- The **[Back Space]** key erases characters.
- The **[Clear]** key (**[Ctrl] + [8]** /CLEAR) erases the Memo contents.

You can change your outgoing Auto-Answer Memo at any time. See *Changing the Outgoing Auto-Answer Memo* on page 42 for more information.

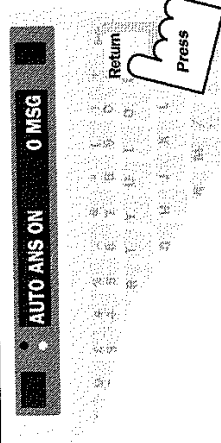
## Turning On Auto-Answer **[Ctrl] + [F3] /AUTO-ANSWER**

After you set up Auto-Answer for the first time, turning on Auto-Answer requires only the following two steps:

- Press the Auto-Answer key (**[Ctrl] + [F3] /AUTO-ANSWER**).  
If you see **REVIEW MESSAGES Y/N**, press **[Y]** to read messages or **[N]** if you decide not to read them.



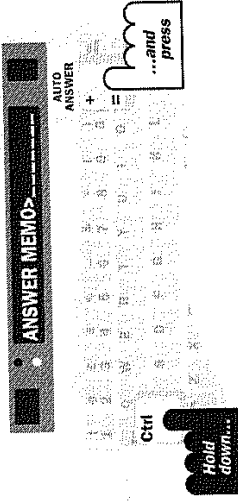
- Press **[Return]**. Auto-Answer is on.



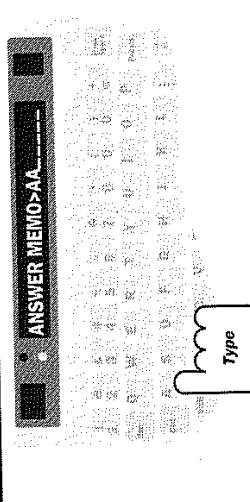
## Setting Up Auto-Answer **[Ctrl] + [F3] /AUTO-ANSWER**

The first time you turn on Auto-Answer, you need to tell the Minicom 6000 Plus which Memo you want to use as your outgoing Auto-Answer message.

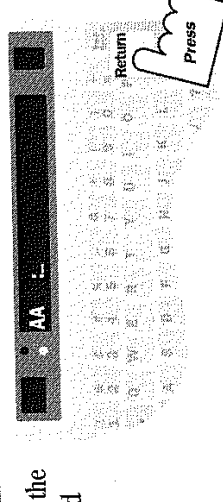
- Press the Auto-Answer key (**[Ctrl] + [F3] /AUTO-ANSWER**).



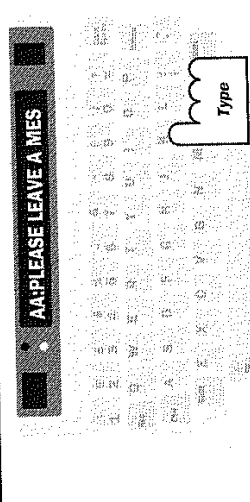
- Type a Memo name. (This example uses the name 'AA'.)



- Press **[Return]**. You will see the Memo name that you typed and space for the Memo.



- Type the contents of your outgoing Auto-Answer message.



## Interrupting Auto-Answer Esc

If you see the Minicom 6000 Plus sending your outgoing Auto-Answer Memo or receiving a message and you want to answer yourself, press Esc to turn off Auto-Answer. If you see REVIEW MESSAGES Y/N on the display, press N. You will be in conversation mode and you can start typing. Remember to turn on Auto-Answer again after you finish the call.

## Turning Off Auto-Answer Esc

Press Esc or turn off the Minicom 6000 Plus to turn off Auto-Answer. If you see REVIEW MESSAGES Y/N on the display, press Y to read messages or N if you decide not to read them.

## Reading Auto-Answer Messages Esc

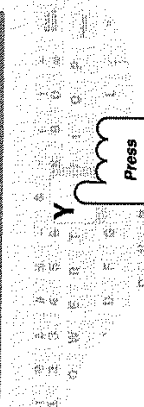
When Auto-Answer is on, the display shows how many messages you have received.



1. Press Esc to turn off Auto-Answer.



2. Press Y to read your messages. Each message begins with 5 dashes and the date and time of the call.



## Interrupting Auto-Answer Esc

If you see the Minicom 6000 Plus sending your outgoing Auto-Answer Memo or receiving a message and you want to answer yourself, press Esc to turn off Auto-Answer. If you see REVIEW MESSAGES Y/N on the display, press N. You will be in conversation mode and you can start typing. Remember to turn on Auto-Answer again after you finish the call.

## Turning Off Auto-Answer Esc

Press Esc or turn off the Minicom 6000 Plus to turn off Auto-Answer. If you see REVIEW MESSAGES Y/N on the display, press Y to read messages or N if you decide not to read them.

## Reading Auto-Answer Messages Esc

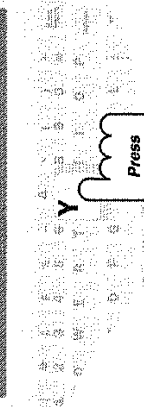
When Auto-Answer is on, the display shows how many messages you have received.



1. Press Esc to turn off Auto-Answer.



2. Press Y to read your messages. Each message begins with 5 dashes and the date and time of the call.



## Turning Off the Auto-Answer Relay Voice Announcer

**Ctrl** + **9** /OPTIONS

When the Minicom 6000 Plus answers the telephone, it voices the Relay Voice Announcer message before it sends your Auto-Answer Memo. If you do not want the Minicom 6000 Plus to send the message, follow these steps to turn it off:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see AUTO-ANSW VOICE (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to exit the Options menu.

This setting will remain off until you turn it on again.

## Clearing Auto-Answer Messages **Ctrl** + **8** /CLEAR

Most of the time you will clear messages after you read them, but you can also clear them by following these steps:

1. Press the Clear key (**Ctrl** + **8** /CLEAR). CLEAR (CONVERSATION) is displayed.
2. Press the **Spacebar** to change the setting to (RR MESSAGES).
3. Press **Return**. CLEAR MESSAGES Y/N is displayed.
4. Press **Y**. MESSAGES CLEARED is displayed. Press **N** if you decide not to clear your messages.

## Retrieving Messages Remotely

Remote message retrieval allows you to use another minicom when you are away from your Minicom 6000 Plus to read your Auto-Answer messages. Before you can use remote message retrieval, you must save a password. The password prevents others from reading your messages. You can only have one password per household or office.

### Saving a Password **Ctrl** + **9** /OPTIONS

1. Press the Options key (**Ctrl** + **9** /OPTIONS).
2. Press **Return** until you see CHANGE RR PSWD (NO) on the display.
3. Press the **Spacebar** to change the setting to (YES).

## Changing the Outgoing Auto-Answer Memo

**Ctrl** + **=** /AUTO-ANSWER

You can change your outgoing Auto-Answer Memo by typing a new Memo name and contents when you turn on Auto-Answer. Follow these steps to change your Auto-Answer Memo:

1. Press the Auto-Answer key (**Ctrl** + **=** /AUTO-ANSWER). You will see ANSWER MEMO and the name of your answer Memo on the display.
2. Type a new name and press **Return**.
3. Type the new message and press **Esc**. Auto-Answer is on.
4. If you do not want Auto-Answer on right away, press **Esc** or turn off the Minicom 6000 Plus. Auto-Answer will use the new Memo the next time you turn it on.

**NOTE:** Your outgoing Auto-Answer Memo is the same as any other Memo. It is saved in Memo memory and you will see its name when you read through the list of Memos. See Chapter 8 for more information about Memos.

## Auto-Answer Options

### Setting the Number of Telephone Rings

**Ctrl** + **9** /OPTIONS

You can set Auto-Answer so that it waits between 2 and 9 rings before answering, or you can use the TS (Toll Saver) setting.

The TS setting is used with remote message retrieval. It tells the Minicom 6000 Plus to answer after 2 rings if you have messages or 5 rings if you do not. This saves the cost of a call if you have no messages, because you can hang up after 3 rings.

Follow these steps to change the number of rings:

1. Press the Options key (**Ctrl** + **9** /OPTIONS).
2. Press **Return** until the display says AUTO-ANSW RINGS (2). The original setting is (2).
3. Press the **Spacebar** to choose a number between (2) and (9) or (TS).
4. Press **Esc** to exit the Options menu.

## CHAPTER

# 8 MEMOS

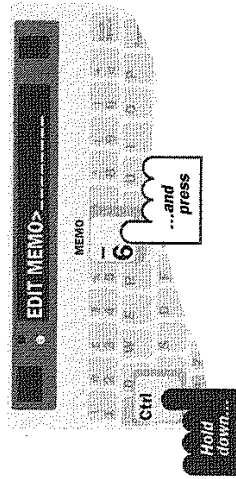
A Memo is a short message that you save in the Minicom 6000 Plus memory and later send to someone during a conversation. Examples of Memos are:

- The Auto-Answer Memo that the Minicom 6000 Plus sends out when you are away.
- The Greeting Memo that you can send when you answer the telephone.
- The Memo that you create when you save a conversation.
- A Memo that contains a message, perhaps about a forthcoming meeting, that you want to send to several people.

There is no limit to the number of Memos you can save as long as the total number of characters in all Memos and Directory entries is less than 9,500. Each Memo must have a different name.

### Saving a Memo **Ctrl + 6 /MEMO**

1. Press the Memo key (**Ctrl + 6 /MEMO**). The display will ask for a Memo name.



4. Press **Return**. **PASSWORD: /** is displayed.
5. Type a password using up to 8 characters (you cannot use @ # % & or \* symbols). The '/' character is part of your password.
6. Press **Return**.
7. Press **Esc** to exit the Options menu.

### Changing Your Password

You can change your password at any time by repeating the steps above.

### Reading Messages While You are Away

1. Call your Minicom 6000 Plus. The Minicom 6000 Plus must have Auto-Answer turned on when you call.
2. Wait for the answer message to end. Then, press **Return**.
3. Type '/' and your password, like this: **'/PASSWORD'**
4. Press **Return** again. Your Minicom 6000 Plus sends the number of messages you have and amount of memory space remaining. After a pause, it begins sending the messages. At the end, **(END OF MESSAGES)** is displayed.
5. When **CLEAR MESSAGES Y/N** is displayed, press **Y** to clear them. Your Minicom 6000 Plus sends **MESSAGES CLEARED** and hangs up. If you decide not to clear your messages, press **N**. **REPLAY MESSAGES Y/N?** is displayed. Press **Y** to replay messages. If you decide not to replay messages, the Minicom 6000 Plus sends **PLEASE HANG UP** and hangs up.

### Sample Call

John calls from another minicom and waits for his answer message to finish.

He types his password to retrieve his messages.

When John typed his password, it counted as another message.

He decides not to clear his messages.

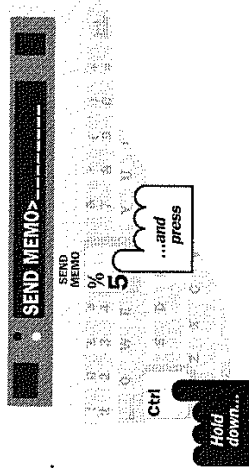
He ends the call by deciding not to read his messages again.

```
HI THIS IS JOHN. I'M NOT
HERE RIGHT NOW BUT YOU
MAY LEAVE A MESSAGE GA
OR SK.
/pasword
YOU HAVE 2 MESSAGES,
22175 CHAACTERS LEFT.
----- MESSAGE 1 10/10/05
11:45 AM HI THIS IS MAR-
SHA PLS CALL BACK SK
----- MESSAGE 2 10/10/05
4:57 PM /PASSWORD
----- (END OF MESSAGES)
CLEAR MESSAGES Y/N n
REPLAY MESSAGES Y/N n
PLEASE HANG UP
```



## Sending a Memo **Ctrl + 5 / SEND MEMO**

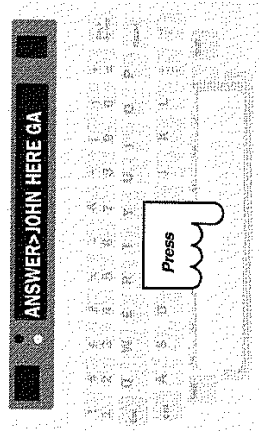
1. Press the Send Memo key (**Ctrl + 5 / SEND MEMO**).



2. Press the **Spacebar** until you see the name of the Memo you want to send.

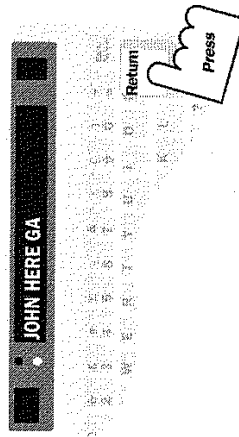
You can also type the name instead of pressing the

**Spacebar**.

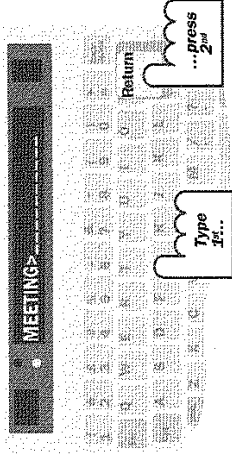


3. Press **Return**. The Miniterm 6000 Plus sends the Memo.

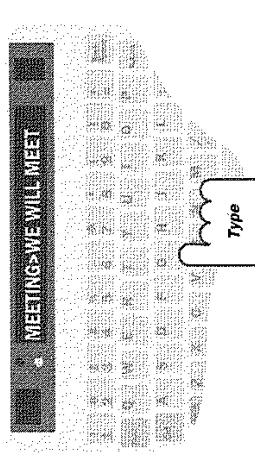
Press **Esc** if you want to stop sending the Memo before it ends.



2. Type a name and press **Return**. Names can be up to 8 letters, numbers, or spaces. The display shows the Memo name with space to type the Memo. (This example uses the name 'MEETING'.)



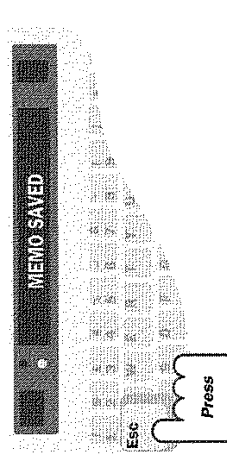
3. Type the Memo.



Use these function keys when you type your Memo:

- The left arrow key (**Shift + ←**) and the right arrow key (**Shift + →**) move the text back and forth across the display.
- The **Return** key starts a new line *when the Memo is printed*.
- The **Back Space** key erases characters.
- The Remain key (**Ctrl + R / REMAIN**) shows the amount of free space in memory.
- The Clear key (**Ctrl + 8 / CLEAR**) erases the Memo contents.

4. Press **Esc** when you finish.



## Printing Memos **Ctrl** + **6** /Memo

### Printing One Memo

1. Press the Memo key (**Ctrl** + **6** /MEMO). EDIT MEMO is displayed.
2. Type the name of the Memo or press the **Spacebar** to read through the list of Memos.
3. Press **Return** when you see the name of the Memo you want to print.
4. Press the Print key (**Ctrl** + **3** /PRINT). The Minicom 6000 Plus prints the Memo. Press any key to stop printing before the end of the Memo.
5. Press **Esc** to exit.

**NOTE:** If you move the cursor before you press the Print key, you will print only from the cursor position to the end of the Memo.

### Printing a List of Memo Names

1. Press the Memo key (**Ctrl** + **6** /MEMO). EDIT MEMO is displayed.
2. Press the **Spacebar**. The display shows the first Memo name. If you want to print only part of the list, keep pressing the **Spacebar** until you see the first name you want to print.
3. Press the Print key (**Ctrl** + **3** /PRINT).
4. Press the Print key again to stop printing before the end of the list.
5. Press **Esc** to exit the list of Memos.

## Editing Memos **Ctrl** + **6** /MEMO

1. Press the Memo key (**Ctrl** + **6** /MEMO). EDIT MEMO is displayed.
2. Press the **Spacebar** until you see the Memo name on the display.
3. Press **Return**.

Use these function keys to edit the Memo:

- The left arrow key (**Shift** + **←**) and the right arrow key (**Shift** + **→**) move the text back and forth across the display.
- The **Return** key starts a new line *when the Memo is printed*.
- The **Back Space** key erases characters.
- The Remain key (**Ctrl** + **R** /REMAIN) shows the amount of free space in memory.
- The Clear key (**Ctrl** + **8** /CLEAR) erases the Memo contents.
- 4. Press **Esc** to exit.

## Clearing Memos

### Clearing One Memo **Ctrl** + **6** /MEMO

1. Press the Memo key (**Ctrl** + **6** /MEMO). EDIT MEMO is displayed.
2. Press the **Spacebar** until you see the Memo name on the display.
3. Press the clear key (**Ctrl** + **8** /CLEAR). REMOVE MEMO Y/N is displayed.
4. Press **Y** to clear the Memo. Press **N** if you decide not to clear it.
5. Press **Esc** to exit the list of Memos.

### Clearing All Memos **Ctrl** + **8** /CLEAR

1. Press the Clear key (**Ctrl** + **8** /CLEAR). CLEAR (CONVERSATION) is displayed.
2. Press the **Spacebar** to change the setting to (MEMOS).
3. Press **Return**. CLEAR MEMOS Y/N is displayed.
4. Press **Y** to clear all Memos. Press **N** if you decide not to clear them.

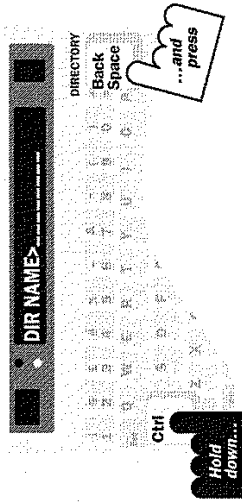
## CHAPTER

# 9 DIRECTORY

The Directory lets you dial a number by typing the name of an entry. This makes dialling the number much faster and easier. There is no limit to the number of telephone numbers you can save as long as the total number of characters in all Directory entries and Memos is less than 9,500.

### Saving a Telephone Number **Ctrl + Back Space**/DIRECTORY

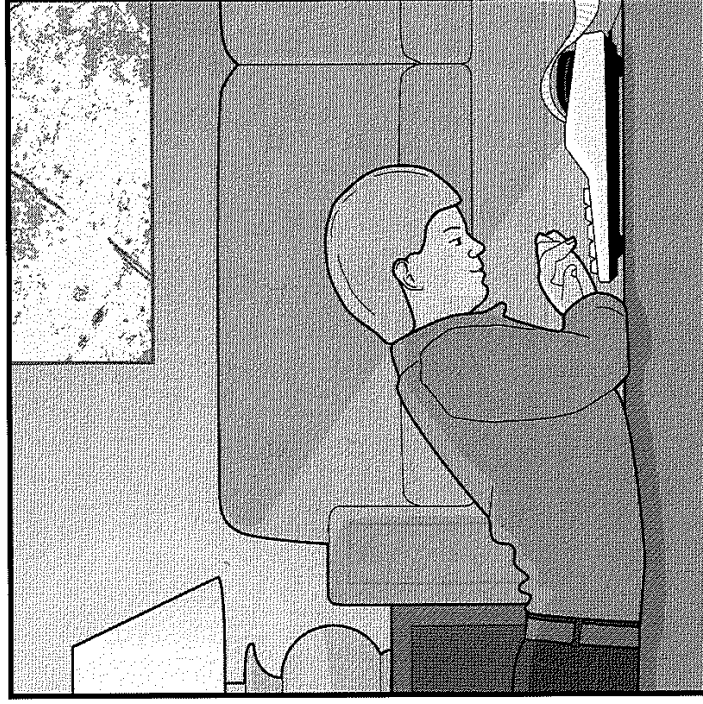
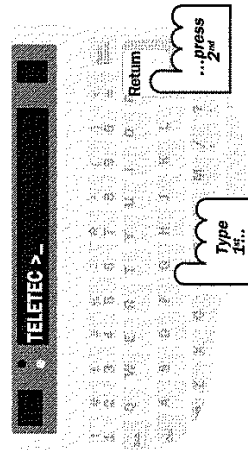
1. Press the Directory key  
(**Ctrl + Back Space** /DIRECTORY).



2. Type a name and press **Return**.

Names can be up to 8 letters, numbers, or spaces, but must start with a letter.

The name is displayed with space for a number.



## Editing a Number **Ctrl** + **Back Space**/DIRECTORY

1. Press the Directory key (**Ctrl** + **Back Space**/DIRECTORY). DIR NAME is displayed.
2. Press the **Spacebar** until you see the number you want to change on the display.
3. Press **Return**.

Use the following function keys to make your changes:

- The left arrow key (**Shift** + **←**) and the right arrow key (**Shift** + **→**) move the number back and forth across the display.
- The **Back Space** key erases characters.
- The Remain key (**Ctrl** + **R**/REMAIN) shows the amount of free space in memory.
- The Clear key (**Ctrl** + **8**/CLEAR) erases whole number.
- 4. Press **Esc** twice to exit the Directory list.

## Clearing Numbers in the Directory

### Clearing One Number **Ctrl** + **Back Space**/DIRECTORY

1. Press the Directory key (**Ctrl** + **Back Space**/DIRECTORY). DIR NAME is displayed.
2. Press the **Spacebar** until you see the number you want to clear on the display.
3. Press the Clear key (**Ctrl** + **8**/CLEAR). REMOVE DIR ENTRY Y/N is displayed.
4. Press **Y** to clear the entry. (Press **N** if you decide not to clear it.)
5. Press **Esc** to exit the Directory.

### Clearing All Telephone Numbers **Ctrl** + **8**/CLEAR

1. Press the Clear key (**Ctrl** + **8**/CLEAR). CLEAR (CONVERSATION) is displayed.
2. Press the **Spacebar** to change the setting to (DIRECTORY).
3. Press **Return**. CLEAR DIRECTORY Y/N is displayed.
4. Press **Y** to clear all entries. (Press **N** if you decide not to clear them.)

3. Type the number. You may use spaces, parentheses and dashes to make numbers easier to read.

**NOTE:** For information on special characters, see *Dialling Tips* on page 17.

Use these function keys when you type the number:

- The left arrow key (**Shift** + **←**) and the right arrow key (**Shift** + **→**) move the number back and forth across the display.
- The **Back Space** key erases characters.
- The Remain key (**Ctrl** + **R**/REMAIN) shows the amount of free space in memory.
- The Clear key (**Ctrl** + **8**/CLEAR) erases the whole number.

4. Press **Esc** when you finish.

TELETEC > 01234 756026



ENTRY SAVED



# 10 OPTIONS

The Minicom 6000 Plus can be adjusted in many ways to suit your individual needs. The following instructions explain how to change the default options (the way the Minicom 6000 Plus works when you first use it or reset it). Changes made in the Options menu are saved when the Minicom 6000 is turned off.

This chapter describes all of the settings you can change with the Options key. They are listed in the order they appear on the display when you are in the Options menu.

For each item in the Options menu:

- Press the **Spacebar** to show the different settings available for the option.
- Press **Return** to move to the next option.
- Press **Esc** when you are finished to save changes and exit the menu.

## Setting the Print Case **Ctrl** + **9** /OPTIONS

Follow these steps to choose between printing in uppercase and lowercase or all uppercase letters:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press the **Spacebar** to change the setting.
3. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Printing Directory Numbers **Ctrl** + **Back Space** /DIRECTORY

### Printing One Number

1. Press the Directory key (**Ctrl** + **Back Space** /DIRECTORY). DIR NAME is displayed.
2. Press the **Spacebar** until you see the number you want to print on the display.
3. Press **Return**.
4. Press the Print key (**Ctrl** + **3** /PRINT). The entry is printed.

### Printing a List of Numbers in the Directory

1. Press the Directory key (**Ctrl** + **Back Space** /DIRECTORY). DIR NAME is displayed.
2. Press the **Spacebar**. The display shows the first number in the Directory. If you want to print only part of the directory, keep pressing the **Spacebar** until you see the first number you want to print.
3. Press the Print key (**Ctrl** + **3** /PRINT).
4. Press the Print key again to stop printing before the end of the list.
5. Press **Esc** to exit the Directory.

## Setting Pulse Dialling **Ctrl + 9 /OPTIONS**

The Minicom 6000 Plus is set for tone dialling, which is correct for almost all telephone lines. You can, however, change the setting to pulse dialling if your line does not accept tone dialling.

Follow these steps to set pulse dialling:

1. Press the Options key (**Ctrl + 9 /OPTIONS**). **PRINT (UP/LOW) CASE** is displayed.
2. Press **Return** until **USING (TONE) DIAL** is displayed.
3. Press the **Spacebar** to change the setting to **(PULSE)**.
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Setting the Auto-Answer Rings **Ctrl + 9 /OPTIONS**

Follow the steps below to change the Auto-Answer rings setting to any number between 2 and 9 or TS.

The TS setting is used with remote message retrieval. It tells the Minicom 6000 Plus to answer after 2 rings if you have messages or 5 rings if you do not. This saves the cost of a call if you have no messages, because you can hang up after 3 rings.

1. Press the Options key (**Ctrl + 9 /OPTIONS**). **PRINT (UP/LOW) CASE** is displayed.
2. Press **Return** until **AUTO-ANSW RINGS (2)** is displayed.
3. Press the **Spacebar** to choose a number between **(2)** and **(9)** or **(TS)**.
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Setting the Print Size **Ctrl + 9 /OPTIONS**

Follow the steps below to choose one of the following three print sizes:

- Normal (24 characters per line)
  - Bold (19 characters per line)
  - Wide (14 characters per line)
1. Press the Options key (**Ctrl + 9 /OPTIONS**). **PRINT (UP/LOW) CASE** is displayed.
  2. Press **Return** until you see **PRINT SIZE (NORMAL)** on the display.
  3. Press the **Spacebar** to select **(NORMAL)**, **(BOLD)** or **(WIDE)**.
  4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Setting the Display Mode **Ctrl + 9 /OPTIONS**

The display mode sets the direction in which text moves across the display. When you turn on your Minicom 6000 Plus, the display mode is always right to left. This is the best mode for minicom conversations.

You can also set the display mode to left to right. In this mode, a small circle appears at the left side of the display and leads text from left to right across the display. When the display fills up, the circle returns to the left side and starts a new line.

Follow these steps to change the display mode:

1. Press the Options key (**Ctrl + 9 /OPTIONS**). **PRINT (UP/LOW) CASE** is displayed.
2. Press **Return** until **DISPLAY (RT TO LFT)** is displayed.
3. Press the **Spacebar** to change the setting to **(LFT TO RT)**.
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Selecting a Greeting Memo **Ctrl** + **9** /OPTIONS

Follow these steps to change the Memo that the Mimicom 6000 Plus sends when you press the Greeting key (**Ctrl** + **4** /GREETING):

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until GREET MEMO>GREETING is displayed.
3. Type a new name or press the **Spacebar** to find the name of a different Memo in the list of Memos.
4. Press **Return** to save this Memo as your Greeting.
5. Press **Esc** to exit.

## Turning Off Printing of the Date and Time

### **Ctrl** + **9** /OPTIONS

Follow these steps to turn off printing of the date and time on conversations and Auto-Answer messages:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see PRINT DATE/TIME (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Selecting an Auto-Answer Memo **Ctrl** + **9** /OPTIONS

Follow these steps to choose any Memo as your outgoing Auto-Answer message:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until ANSWER MEMO is displayed.
3. Type a Memo name or press the **Spacebar** to read through the list of Memos. Press **Back Space** to move back through the list.
4. Press **Return** when the display shows the name of the Memo you want to use.
5. Press **Esc** to exit the Options menu or press **Return** to go to the next option.

## Setting the Auto-Answer Password

### **Ctrl** + **9** /OPTIONS

Follow these steps to change your password:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until CHANGE PASSWORD (NO) is displayed.
3. Press the **Spacebar** to change the setting to (YES).
4. Press **Return**. PASSWORD: / is displayed.
5. Type a password using up to 8 characters (you cannot use @ # % & or \* symbols). The / character is part of your password.
6. Press **Return**.
7. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Turning Off Turbo Code **Ctrl** + **9** /OPTIONS

Follow these steps to turn off Turbo Code:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see TURBO CODE (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Turning Off Auto ID **Ctrl** + **9** /OPTIONS

Follow these steps to turn off Auto ID:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see AUTO ID (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Turning Off Interrupt **Ctrl** + **9** /OPTIONS

Follow these steps to turn off the other person's ability to interrupt you. This does not affect outgoing interrupts.

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see INTERRUPT (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Setting the Date and Time **Ctrl** + **9** /OPTIONS

Follow these steps to set the clock:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see CHANGE CLOCK (NO).
3. Press the **Spacebar** to change the setting to (YES).
4. Press **Return**. The date and time are displayed with the day flashing.
5. Press the **Spacebar** or the **Back Space** key to set the day. Then, press **Return** to move to the next setting.
6. Repeat step 5 to change the month and year.
7. Press **Esc** when you finish to save changes and exit this menu.

## Changing the Relay Voice Announcer Number **Ctrl** + **9** /OPTIONS

Follow these steps to change the voice access telephone number for Typetalk, the national relay service, in the Relay Voice Announcer message:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see EDIT RELAY NUM (NO) on the display.
3. Press the **Spacebar** to change the setting to (YES).
4. Press **Return**. RELAY is displayed.
5. Type the new telephone number. Use the **Back Space** key to correct typing mistakes.
6. Press **Return**. RELAY NUMBER SAVED is displayed.
7. Press **Esc** to exit the Options menu.



## CHAPTER



# CODES

Your Minicom 6000 Plus is ready for use in Great Britain when you turn it on.

When you type a message to someone, your Minicom 6000 Plus sends sounds over the telephone line. The other minicom 'translates' those sounds into letters that are read by the other person. These sounds are called a code.

Different kinds of minicomms use different codes, like people from different countries who use different languages. Both your Minicom 6000 Plus and the minicom used by the person you are conversing with have to use the same code in order to communicate.

To make this easy, the Minicom 6000 Plus has an 'automatic code.' This means that when you make or receive a call within the U.K., the Minicom 6000 Plus will make sure that the right code is used.

If you make or receive calls from other countries, it may be necessary to manually select a different code before you will be able to communicate properly.

## Using EDT Code

This code is used by minicomms in the European countries listed below. The Minicom 6000 Plus will change back to the automatic code setting after you finish your call and hang up.

Countries that use EDT are:

Austria	Estonia	Malta	Spain
Bosnia	Germany	Portugal	Switzerland
Croatia	Herzegovina	Slovakia	Yugoslavia
Czech. Rep.	Italy	Slovenia	

## Changing CCITT Seek Time **Ctrl** + **9** /OPTIONS

Follow these steps to set the length of time during which the Minicom 6000 Plus sends out a CCITT seek tone. Normal minicom communication requires a seek time of three seconds. You may need a longer seek time when you connect with a computer. Six seconds is recommended.

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see CCITT SEEK TIME (3) on the display.
3. Type a number to change the setting to (0) or any number between (2) and (9).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

**NOTE:** Selecting zero will turn off CCITT code and your Minicom 6000 Plus will not try to use it even if the other minicom is using CCITT code.

## Turning Off the Auto-Answer

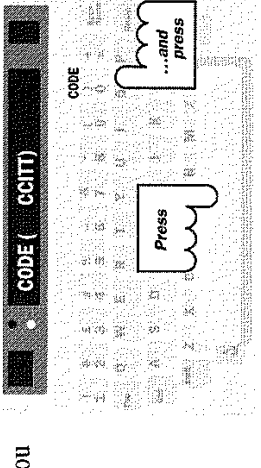

### Relay Voice Announcer **Ctrl** + **9** /OPTIONS

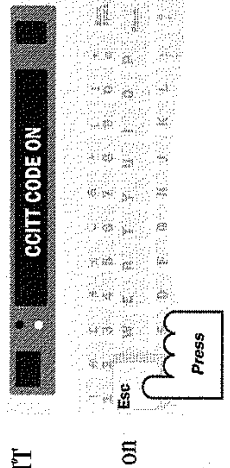

Follow these steps to stop Auto-Answer from sending out the Relay Voice Announcer message:

1. Press the Options key (**Ctrl** + **9** /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press **Return** until you see AUTO ANSWR VOICE (ON) on the display.
3. Press the **Spacebar** to change the setting to (OFF).
4. Press **Esc** to save the setting and exit the Options menu or press **Return** to save the setting and go to the next option.

## Setting CCITT Code

1. Press the Code key  (  +  /CODE).

2. Press the   until you see (CCITT).

3. Press   to select CCITT (if you need to change a CCITT default setting, see *Changing CCITT Settings* on the next page).

## CCITT Settings and Computer Connections

If you use CCITT code often, you may need to change settings. You can change the following settings on your Minitcom 6000 Plus before or during your call:

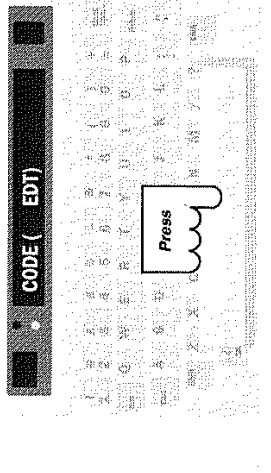

**Originate/Answer** determines which machine is calling (originating) and which machine is answering. The default is (ORIGINATE).

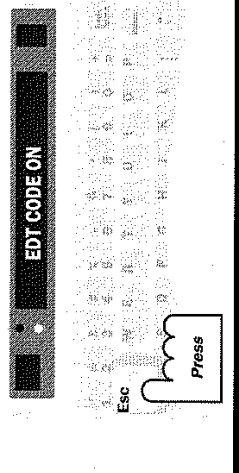

**Duplex** controls how characters are displayed. If you get double characters (llikkkee tthhiiss) or none at all, change the setting from (FULL) to (HALF). The default is (HALF).

**Parity** controls how your Minitcom 6000 Plus checks for errors. You can choose (BNI) or (7E1). The default is (BNI).

## Setting EDT Code

1. Press the Code key  (  +  /CODE).

2. Press the   until you see (EDT).

3. Press   to select.

## Using CCITT Code

This code is used by minicomms in the European countries listed below. If you are calling a country that uses CCITT, you can set the Minitcom 6000 Plus to use only CCITT for the call. You can also use CCITT to connect with computers that have modems for communication, electronic mail or bulletin board services.

Countries that use CCITT are:

Denmark*	Greece	Finland
Norway	Great Britain	Republic of Ireland
Sweden		

\*Denmark can be called through a special DTMF/CCITT gateway. See *Using the Danish Gateway* on page 68 for more information.

## Using Baudot Code

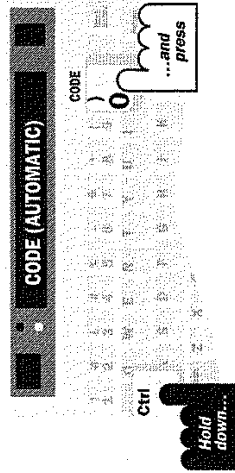
This code is used by minicomms in the countries listed below. Baudot code has two speeds: 45 and 50 baud. If you are calling a country that uses Baudot, you can set the Minicom 6000 Plus to use only Baudot code for the call.

Countries that use Baudot are:

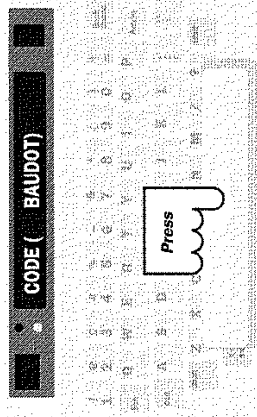
<b>45 Baud</b>	<b>50 Baud</b>
Canada	Republic of Ireland
Great Britain	South America
Latvia	United States
	Australia
	New Zealand
	South Africa

### Setting Baudot Code $\text{Ctrl} + 0$ /CODE

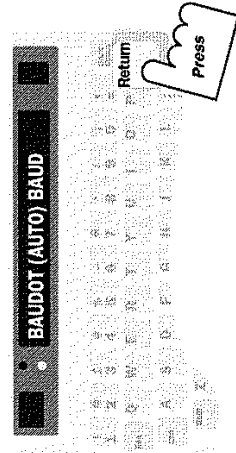
1. Press the Code key ( $\text{Ctrl} + 0$  /CODE).



2. Press the Spacebar until you see (BAUDOT).



3. Press  $\text{Return}$ .



**Return** determines what the Minicom 6000 Plus sends when you press  $\text{Return}$ . You can choose (CR) or (CR+LF). (CR) (carriage return) goes to the beginning of the current line. (CR+LF) (carriage return plus line feed) goes to the beginning of the next line. The default is (CR).

**Seek Time** determines how many seconds the Minicom 6000 Plus tries to connect in CCITT before it tries to connect in Baudot or Turbo. You can choose 2 to 9 seconds. The default is 3 seconds.

### Changing CCITT Settings $\text{Ctrl} + 0$ /CODE

1. Press the Code key ( $\text{Ctrl} + 0$  /CODE). CODE (AUTOMATIC) is displayed.
2. Press the Spacebar until you see (CCITT).
3. Press  $\text{Return}$  to select CCITT. CCITT (ORIGINATE) is displayed.

Use the following keys to change settings:

Spacebar : select a setting

$\text{Return}$  : continue to the next setting

Esc : save the options and return to make your call

4. Press Esc to save and exit CCITT settings and return to your text telephone conversation.

### Changing CCITT Seek Time $\text{Ctrl} + 9$ /OPTIONS

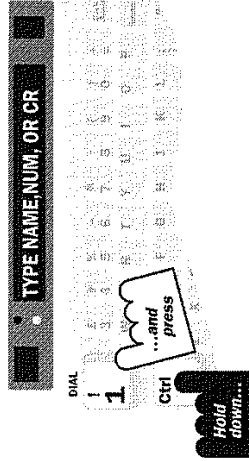
This option sets the length of time during which the Minicom 6000 Plus sends out a CCITT seek tone. The normal text telephone seek time is three seconds. You may need more time if you often connect to computers. Six seconds is recommended. Follow these steps to change the setting:

1. Press the Options key ( $\text{Ctrl} + 9$  /OPTIONS). PRINT (UP/LOW) CASE is displayed.
2. Press  $\text{Return}$  until you see CCITT SEEK TIME (3) on the display.
3. Type a number to change the setting to (0) or any number between (2) and (9).
4. Press Esc to save the setting and exit the Options menu.

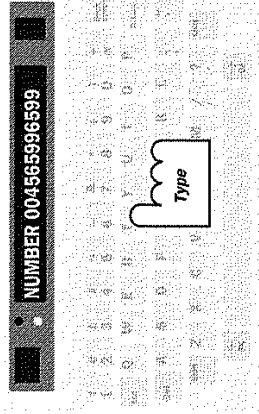
**NOTE:** Selecting zero will turn off CCITT code and your Minicom 6000 Plus will not try to use it even if the other minicom is using CCITT code.

## Calling the Gateway Ctrl + 1 /DIAL

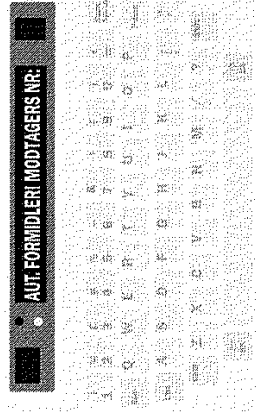
1. Press the Dial key (Ctrl + 1 /DIAL). TYPE NAME, NUM, OR CR is displayed.



2. Type the Danish Gateway number, 00 45 65 99 65 99.

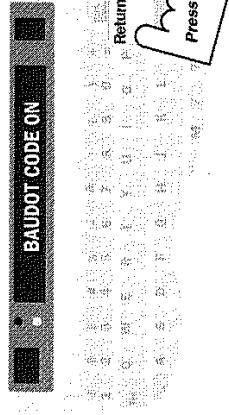
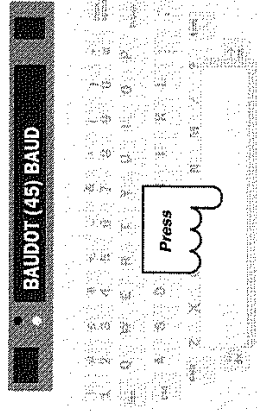
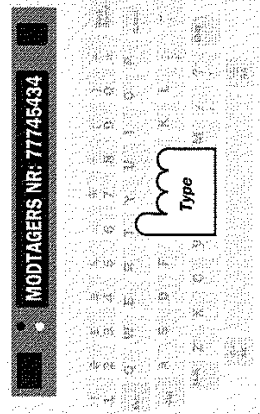


3. After you connect to the gateway, you will see this display screen, which means: Enter the telephone number.



4. Type the person's number you want to call.

Do not add the international code. Type the number as if you were calling locally.



**NOTE:** You will have three choices when choosing baud rates in Baudot code: 45, 50, and auto. The auto setting enables Turbo Code, which allows the Minicom 6000 Plus to communicate faster and you can interrupt the person typing to you. In order for auto baud to work, Turbo Code needs to be on. See page 23 for more information about Turbo Code.

## Using the Danish Gateway

Text telephone users in Denmark use a communication code called DTMF. To call someone in Denmark, your call must go through the CCITT/DTMF Gateway. The Gateway translates CCITT code into DTMF code and vice versa.

**NOTE:** The translation of CCITT code to DTMF code and vice versa causes slight delays when waiting for a response during your text telephone call.

## CHAPTER

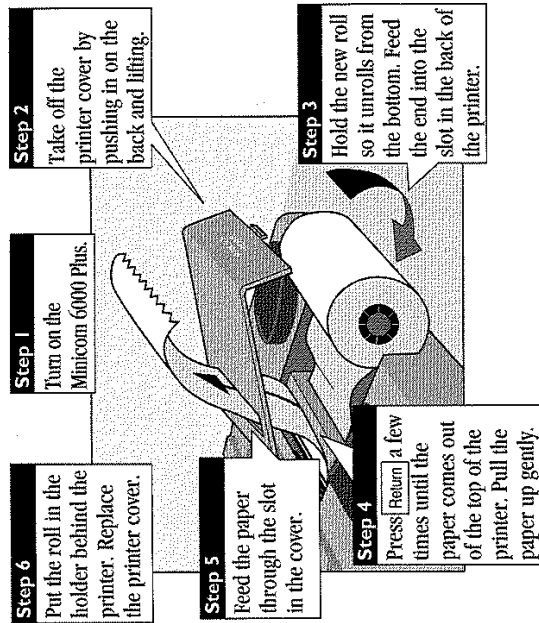
# 12 SERVICE

Ordinary care of your Minicom 6000 Plus includes changing the printer paper when the paper runs out and replacing the batteries when they no longer hold a full charge. If you have any other problems, you may be able to solve them by reading *Troubleshooting* on page 74.

Besides the printer paper and battery compartments, the Minicom 6000 Plus has no other user-serviceable parts. Any servicing should be done by a qualified service person. If you try to repair the unit yourself, you may damage the Minicom 6000 Plus and you will void your warranty. See *Repair* on page 76 if you need to contact someone for help or service.

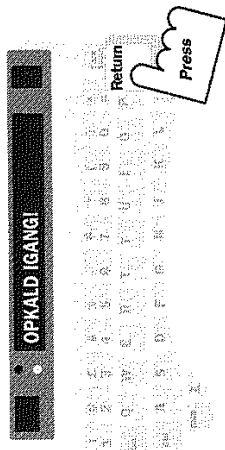
## Replacing the Printer Paper

The printer uses high-quality thermal paper. Use the order card that came with your Minicom 6000 Plus to order paper. If you do not have a card, contact your dealer or Teletec (the address is on the inside front cover of this manual).



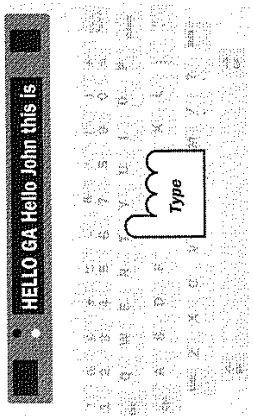
SERVICE • 71

5. Press **Return**. You will see this display, which means: Calling started.  
Wait while your call is connected.



6. When you see a greeting, you can begin your conversation.

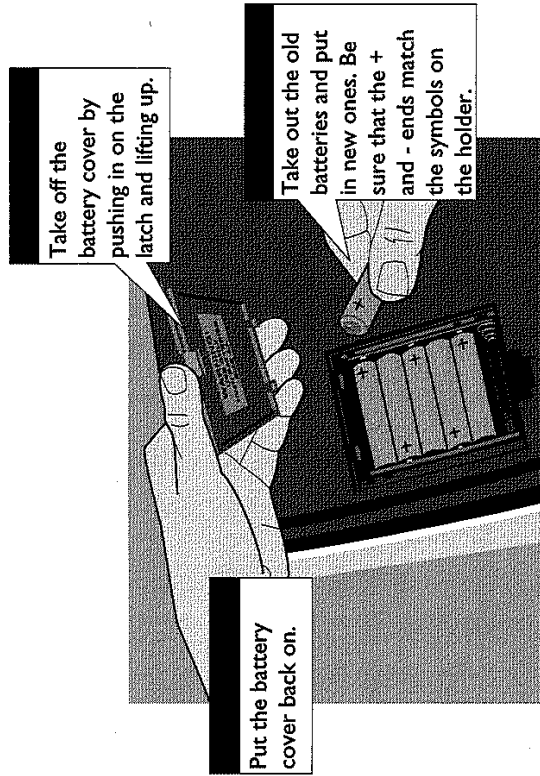
Turn off the Minicom 6000 Plus when you finish.



70 • CODES

## Replacing the Batteries

Replace the batteries every two or three years, or when they run down in less than 30 minutes and exercising them does not help. Use only AA Nickel Metal Hydride (NiMH) rechargeable batteries. Turn over the Minicom 6000 Plus and follow these steps to change batteries:



**CAUTION!** The rechargeable batteries contain dangerous chemicals. Do not burn or puncture them. If you do, they could release toxic material that could injure you. Do not dispose of them in household refuse. For information about recycling or proper disposal, consult your local refuse collection or disposal organisation.

## About the Batteries

The Minicom 6000 Plus runs on batteries when you unplug the AC adapter or when the power fails. Fully-charged, the six AA rechargeable Nickel Metal Hydride (NiMH) batteries will provide about 90 minutes of normal use without mains power.

When the power light blinks, you have about 10 minutes of battery power left. The batteries will last longer if you turn off the printer when you use battery power.

## Charging the Batteries

To fully charge the batteries, plug the AC adapter into a main power socket, and leave the Minicom 6000 Plus turned off for the first 24 hours. After the first charging time, the batteries will keep their charge as the Minicom 6000 Plus remains plugged in.

## Checking the Batteries

Follow these steps to check the batteries:

1. Unplug the AC adapter.
2. Turn on the Minicom 6000 Plus for 30 minutes. (You can still use it for calls during this time).
3. The batteries are fine if the power light still glows steadily after 30 minutes. If the power light blinks within 30 minutes, the batteries are getting weak and should be replaced.
4. Plug the AC adapter back in. Turn off the Minicom 6000 Plus.

## Exercising the Batteries

1. Leave the Minicom 6000 Plus on with the AC adapter unplugged until the power light flashes.
2. Turn the unit off and plug in the AC adapter for 24 hours (you can use the Minicom 6000 Plus for calls during this time).
3. Unplug the AC adapter and leave the Minicom 6000 Plus on for 30 minutes.
4. Repeat steps 1 to 3 until the power light glows steadily after 30 minutes without the AC adapter.

### *The printer prints only the bottom half of characters*

The print head should be replaced. Contact your dealer or Teletec.

### *On battery power, the printer prints too slowly or lightly*

The batteries are low. Connect the AC adapter for 24 hours to recharge the batteries.

### **Power**

#### *The Ring Indicator does not work*

Be sure the plastic tab has been pulled out of the battery compartment and that you have plugged in the Minicom 6000 Plus for at least 24 hours.

#### *The batteries run down too soon*

The batteries may be old, and need to be replaced. See *About the Batteries* on page 72.

#### *The Minicom 6000 Plus does not turn on when you press the On/Off switch, or the power light blinks even when the AC adapter is plugged in.*

Be sure the electrical socket is working. Be sure you are using the correct AC adapter—it should be a 9VDC, 1.2A adapter. If you still have a problem, contact your dealer or Teletec.

#### *The Minicom 6000 Plus works fine in the evening, but does not work during the day*

You may have plugged the AC adapter into a time-switch controlled socket. Try a different socket that you are sure is not controlled by a time-switch.

### **Clearing all Memory**

You can clear all conversations, Memos, Directory entries, and Auto-Answer messages at one time. Follow these steps to clear all memory:

1. Press the Clear key (**Ctrl** + **8** /CLEAR). CLEAR (CONVERSATION) is displayed.
2. Press the **Spacebar** to change the setting to (ALL MEMORY).
3. Press **Return**.
4. Press **Y** to clear all memory. (Press **N** if you decide not to clear it.)

## Troubleshooting

### **Direct Connect**

#### *Dialling does not work*

Make sure you have the right tone or pulse setting for your telephone system.

#### *The display says NO DIRECT CONNECT*

The Minicom 6000 Plus is not properly connected to the telephone line. Be sure the cord is firmly plugged into the Minicom 6000 Plus and the telephone wall jack. You can also try using a different telephone cord or wall jack.

### **Poor reception**

The display shows numbers, symbols or unreadable characters instead of words.

- Press the **Spacebar**.
- If you have a handset in the acoustic cups, press it firmly. The telephone connection may be weak or the other minicom may be sending the wrong signals.
- Press the Sensitivity key (**Ctrl** + **S** /SENS.). HIGH SENSITIVITY is displayed. Sensitivity returns to normal when you press the Sensitivity key again or when you turn off the Minicom 6000 Plus. (This only works in Baudot code).
- Hold down the **Ctrl** and **Shift** keys and press the **B** key. (This only works if you have a Turbo Code connection. It changes the connection to Baudot code.)

### **Printer**

#### *The printer does not work*

Be sure the printer is on by holding down **Ctrl** and pressing **3** /PRINT and checking to see that the display says PRINTER ON. If the printer still does not work, try resetting it by turning the Minicom 6000 Plus off and on again.

#### *The printer works, but it prints too lightly or not at all*

Make sure you have high-grade thermal printer paper and it is correctly installed. See *Replacing the Printer Paper* on page 71.

## CHAPTER

# 3 SPECIFICATIONS

### Physical Dimensions

Size: 25.4 cm x 24.1 cm x 7.6 cm  
(10 in. x 9.5 in. x 3 in.)  
Weight: 1.7 Kg (3.6 lbs) with  
batteries

### Power

AC adapter: 9VDC, 1200 mA  
(barrel is positive)  
Batteries: Six AA, NIMH  
rechargeable batteries are user-  
replaceable. They power the unit  
for approx. 90 minutes.

### Keyboard

50 ergonomic keys in 5 rows  
Control key plus 24 function keys  
Sticky keys for single-handed  
typists

Character set: A-Z, 0-9, Back  
Space, Return/LF, Space, +=-  
&'"/:;,\*%#

### Display

Blue/green vacuum-fluorescent  
Bidirectional  
20 characters  
6mm (0.25") character height

### Acoustic Coupler

Accepts both circular and square  
telephone handsets

### Communication Codes

Automatic code detection on  
outgoing calls (Turbo Code, GCITT  
or Baudot)

#### Baudot Code:

45.5 and 50 baud

Sensitivity: -45 dbm, 67 dB SPL  
(min)

Output: -10 dbm

#### Turbo Code:

100 baud (average)  
7 data bits

#### GCITT Code:

7N1, 8N1, 7E1, and 7O1  
300 baud

Answer and originate  
Full and half duplex

Compatible with v.21 modems

#### EDT Code:

110 baud

### Memory

32K total, non-volatile  
Memory edit functions: insert,  
clear

#### Memo/Directory Memory:

9,500 characters  
Stores and sends named Memos  
up to available memory

Stores and dials as many named  
Directory numbers as memory will  
hold

#### Auto-Answer/Conversation

##### Memory:

22,000 characters

Stores recent text telephone  
conversations

Stores Auto-Answer messages up  
to available memory

### Printer

Prints 24, 19, and 14 characters  
per line

Uses 58mm (2.25 in.) thermal  
paper

Automatically divides long words

### Auto-Answer

Automatically answers calls in  
direct connect mode

Changeable outgoing message

### Direct Connect

Plugs into standard (analogue)  
telephone line.

Pulse or tone keyboard dialling

## Resetting the Minicom 6000 Plus

Resetting the Minicom 6000 Plus returns all options to their original settings and clears all conversations, Auto-Answer messages, Memos and Directory entries.

Follow these steps to reset the Minicom 6000 Plus:

1. Press the left **Shift** key, the right **Shift** key, and the **Ctrl** key (**Shift** + **Shift** + **Ctrl**) all at the same time. You will see a version number and **RESET Y/N** on the display.

**IMPORTANT!** After the next step, everything in all memory will be cleared. There is no way to get the contents back after you reset.

2. Press **Y** to reset. The display says **Minicom 6000 Plus IS RESET!** Press **N** if you change your mind and decide not to reset the Minicom 6000 Plus.

## Questions about repairs/warranty?

Please contact the dealer that you purchased your Text Phone/Uniphone from for Customer Service details.





### EUROPEAN UNION DECLARATION OF CONFORMITY

We the manufacturer,  
Ultratec, Inc.  
450 Science Drive  
Madison, WI 53711  
USA

declare under our sole responsibility that the following products manufactured, beginning in April 2007:

Minicom 6000+ Text-Telephone for the Deaf.  
Minicom 6000 Text-Telephone for the Deaf.

to which this declaration relates. Is in conformity with the following Common Technical Regulations and/or Normative Documents (or relevant Standards where National Approvals apply):

EN 60950-1 Edition 1  
EN 55022:1998 + Amendment A1:2000 + Amendment A2:2003  
EN 55024:1998 + Amendment A1:2001 + Amendment A2:2003  
TBR 21 January 1998

Following the provisions of the following EC Directives:

1999/5/EC RTTE Radio Telecommunications Terminal Equipment  
2002/95/EC RoHS Directive

Ultratec, Inc.

Ronald W. Schultz, V.P. Quality & Compliance

Date: 1 April 2007

### Statement of Intended Use

This modem is for connection to the British public switched telephone network.

The Minicom 6000 Plus has been tested for use of the following facilities:

- Timed break recall
- On-hook dialling
- Incoming call indicator
- Operation in absence of secondary proceed indicator
- Recorded speech announcement
- Detection of initial proceed indication (dial tone)
- Automatic storage of last number dialled
- Tone detection, i.e., ring tone, busy
- Modem
- Automatic answer—data only
- Multi-frequency and loop disconnect dialling

### You may connect to:

- Direct exchange lines providing Loop Disconnect (LD) or Multi-Frequency (MF) signalling and timed break recall facilities.
- Extension with new plug and socket arrangement provided with these direct exchange lines.

- Compatible switchboards, including those which do not provide secondary proceed indication. If you use the Minicom 6000 Plus with a compatible switchboard it cannot be guaranteed that the Minicom 6000 Plus will operate correctly under all possible conditions of connection. If you have difficulty, contact your sales representative for further information.
- If your switchboard is privately owned, your Minicom 6000 Plus can be connected to it by an authorized maintainer.

### You may not connect:

- To shared service (party) lines
- To 1 + 1 carrier systems
- As an extension to a payphone

The Minicom 6000 Plus is suitable for connection to PBX equipment that returns secondary proceed indication.

The Minicom 6000 Plus is only approved for compatible PBXs. Please contact your Minicom 6000 Plus supplier for a list of PBXs which are compatible. Because of differences in the private telephone systems there is no guarantee that the Minicom 6000 Plus will work correctly in all circumstances. If you experience any difficulties or have questions, please contact your supplier.

# INDEX

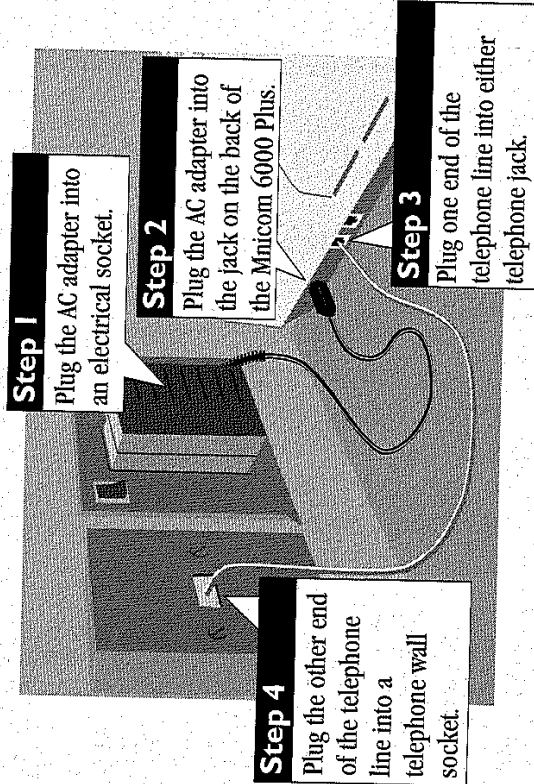
- AC adapter...11, 12, 75, 77
    - connecting...12
    - jack...6
  - Acoustic cups...6, 11, 19, 32-33, 77
  - Adapter. See *AC adapter*
  - Address, Teletec...inside front cover
  - Address, Typetalk...34
  - Announcer. See *Voice Announcer* or *Relay Voice Announcer*
  - Answer setting, CCITT code...65
  - Answering calls
    - automatically. See *Auto-Answer*
    - in acoustic mode...19
    - in direct connect...18
  - Australia, calling...67
  - Austria, calling...63
  - Auto ID...5, 21
    - turning off...21, 61
  - Auto-Answer...5, 37-44, 77
    - clearing messages...43
    - key...8-10, 38-44
    - memory...37
    - messages...40-41
    - number of rings...42, 57
    - outgoing message...38-39, 42
    - password...43-44
    - reading messages remotely...43-44
  - turning off Relay Voice Announcer...43, 62
  - turning on and off...39
  - Batteries
    - charging...12
    - checking...72
    - compartment...6, 73
    - disposal of...4, 73
    - exercising...72
    - how long they last...12, 72, 77
    - problems...75
    - replacing...73
    - safety...4
    - type...72-73, 77
  - Baud rate. See *Baudot code*
  - Baudot code
    - turning on...29, 67-68
  - Bosnia, calling...63
  - Call progress...5, 16
  - Canada, calling...67
  - CCITT code
    - settings...65-66
    - turning on...65
  - Changing to another text telephone...28
  - Cleaning...4
  - Clearing
    - all memory...75
    - Auto-Answer memory...43
    - Clear key...8-10
    - conversation memory...26
  - clearing...26
  - common abbreviations...back cover
  - manners...back cover
  - memory...25-26
  - printing...25
  - reading...25
  - saving as Memos...26
- Croatia, calling...63
- Czech Republic, calling...63
- Danish Gateway...68-70
- Date. See *Clock*
- Denmark, calling...64, 68
- Dialling...15-19
- Directory memory...53
- Memo memory...48
- Clock
  - printing date and time...23, 59
  - setting the date and time...13-14, 60
  - Time key...13
- Codes
  - Baudot...67-68, 77
  - CCITT...64-66, 77
  - Code key...8-10
  - EDT...63-64, 77
  - Turbo Code...5, 23, 77
- Computers, connecting with...64-66
- Control (Ctrl) key...8-10
- Conversations
  - clearing...26
  - common abbreviations...back cover
  - manners...back cover
  - memory...25-26
  - printing...25
  - reading...25
  - saving as Memos...26
- Croatia, calling...63
- Czech Republic, calling...63
- Danish Gateway...68-70
- Date. See *Clock*
- Denmark, calling...64, 68
- Dialling...15-19

- Slovakia, calling...63  
Slovenia, calling...63  
South Africa, calling...67  
South America, calling...67  
Spacebar...6  
Spain, calling...63  
Specifications...77  
Sticky Keys...5, 30  
Sweden, calling...64  
Switzerland, calling...63  
Telephone line...11  
  connecting...12  
  jack...6  
  type...11, 77  
Three-way calling...28  
Time. See *Clock*  
Tone dialling...81  
Transferring a call...29  
Troubleshooting...74-76  
Turbo Code...5, 23-25  
Typetalk...34-35  
  saving the number for...34  
  telephone numbers...34  
  using...34  
United States, calling...67  
VCO...31-33  
Voice Announcer...6, 27  
  key...6, 27  
Voice Carry Over. See *VCO*  
Wait for Response...28  
Yugoslavia, calling...63
- Dial key...8-10  
  from the Directory...17  
  from the keyboard...5  
  in acoustic mode...19  
  pulse...12, 17, 57, 74  
  Redialling the last number...17  
  tips...17  
  tone...74  
Direct Connect...11, 12, 77  
  problems...74  
Directory  
  clearing entries...53  
  dialling from...17, 51  
  Directory key...8-10  
  editing entries...53  
  memory...45, 51  
  printing entries...54  
  saving entries...51-52  
Display...6  
  mode...56  
Duplex setting, CCITT code...65  
EDT code  
  turning on...64  
Electrical power. See *AC adapter*,  
*Batteries* or *Power*  
Escape (Esc) key...7  
Estonia, calling...63  
Finland, calling...64  
Flasher. See *Ring Indicator*  
Function keys...7-10  
GA...back cover  
Germany, calling...63  
Great Britain, calling...64, 67  
Greece, calling...64  
Greeting  
  editing...27  
  key...8-10  
  Memo...27, 45, 59  
  using...27  
Hanging up  
  automatically in  
  Auto-Answer...37, 44  
  Hangup key...8-10, 18  
  in acoustic mode...19  
  in direct connect...16, 18  
HCO...31-33  
Hearing Carry Over. See *HCO*  
Help...23  
  key...8-10, 23  
Herzegovina, calling...63  
Interrupt...24-25  
  key...10  
  turning off...24  
Italy, calling...63  
Latvia, calling...67  
Lightning danger...4  
Lights  
  power...6, 72  
  Signal...6, 16  
  Malta, calling...63  
Memory  
  Auto-Answer...37, 77  
  clearing all...75  
  conversation...25-26, 77  
  Directory...51, 77  
  Memo...45, 77  
  running out of...25, 26, 37  
  showing remaining free  
  space...46, 48, 52, 53  
Memos  
  Auto-Answer. See *Auto-*  
  *Answer*; *outgoing message*  
  clearing...48  
  editing...48  
  Greeting...27  
  Memo key...8-10  
  memory...45  
  printing...49  
  Save Conversation key...8-10  
  saving...45-46  
  Send Memo key...8-10  
  using...47  
  Message. See *Auto-Answer*,  
  *Greeting* or *Memos*  
New Zealand, calling...67  
NO DIRECT CONNECT...74  
Norway, calling...64  
On/Off switch...6  
Options...55-62  
  key...8-10  
Originate Setting, CCITT code...65  
Parity setting, CCITT code...65  
Portugal, calling...63  
Power  
  batteries. See *Batteries*  
  connecting. See *AC adapter*  
  light...6  
  problems...75  
Printer...6, 22-23, 77  
  key...8-10  
  options...22-23  
  paper, replacing...71, 77  
  print case...22  
  print size...22  
  printing date and time...23  
  problems...74-75  
  turning on and off...22  
Pulse dialling...77  
Relay Voice Announcer...5, 35, 43, 62  
  key...6, 8-10  
  message...5, 35  
  Repair...76  
  Republic of Ireland, calling...64, 67  
  Plus...76  
Resetting the Minicom 6000  
  Return setting, CCITT code...66  
  Ring Indicator...6, 11, 12, 18, 24, 75  
  Safety instructions...4  
  Save Conversation key...8-10  
  Seek Time setting, CCITT code...66  
  Service. See *Repair*  
  Signal light. See *Light*, *signal*

# GETTING STARTED

## WITH YOUR MINICOM 6000 PLUS™

### How to Set Up the Minicom 6000 Plus



**CAUTION!** Plug the Minicom 6000 Plus into a standard (analogue) telephone line. Connecting any other type of line may damage your telephone or the Minicom 6000 Plus and it will void your warranty. For more information, see the user manual, *Using Your Minicom 6000 Plus*.

This guide contains basic instructions. For complete information, refer to the user manual.

### Text Telephone Manners

- GA** When you talk with another person by text telephone, you type while the other person reads. When you want the other person to respond, type GA for 'Go ahead.'
- GA OR SK** To say goodbye, type GA OR SK. This gives the other person a chance to say any last words before ending the conversation.
- SKSK** Type SKSK to end the conversation.
- Q** Some people prefer to type Q instead of a question mark because it saves time and is easier to type.

You can use punctuation marks such as commas and periods, although many people choose to omit them. You may also abbreviate words, such as:

<b>GA</b>	go ahead	<b>OPR</b>	operator
<b>SK</b>	stop keying	<b>PLS</b>	please
<b>CD</b>	could	<b>Q</b>	question mark
<b>CUL</b>	see you later	<b>R</b>	are
<b>COS</b>	because	<b>SHD</b>	should
<b>HD</b>	hold	<b>THX</b>	thanks
<b>MTG</b>	meeting	<b>TMW</b>	tomorrow
<b>NBR</b>	number	<b>U</b>	you
<b>OIC</b>	oh, I see	<b>UR</b>	your



This text telephone meets the following European Community directives and therefore is allowed to carry the CE mark:

- 1999/5/EC RTTE Radio Telecommunications Terminal Equipment
- 2002/95/EC RoHS Directive

Details concerning the specific standards with which this product has been tested can be obtained from your local dealer or

