

USING YOUR UNIPHONE 1150™



Ultratec

305-011653

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
text telephone modem.**

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Questions about repairs/warranty?

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

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Important safety instructions

This telephone is intended for connection to the UK analogue telephone network. When using your Uniphone 1150 telephone, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons. These precautions are:

- 1.** Read and understand all instructions.
- 2.** Follow all warnings and instructions marked on the Uniphone 1150.
- 3.** Unplug the Uniphone 1150 from the wall sockets before cleaning.
Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- 4.** Do not use the Uniphone 1150 near water—for example, near a bath, wash basin, kitchen sink, washing machine, in a wet basement, or near a swimming pool.
- 5.** Do not place the Uniphone 1150 on an unstable trolley, stand, or table.
The Uniphone 1150 may fall, causing serious damage to it.
- 6.** The Uniphone 1150 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 Uniphone 1150 where the cord will be damaged by persons walking on it.
- 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 Uniphone 1150. Either take or send it to a qualified service person when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when you use the Uniphone 1150 again.
- 10.** Unplug the Uniphone 1150 from the wall socket and refer servicing to qualified service personnel under the following conditions.

- a. If the power supply cord or plug is damaged or frayed.
 - b. If liquid has been spilled into the Uniphone 1150.
 - c. If the Uniphone 1150 had been exposed to rain or water.
 - d. If the Uniphone does not operate normally by following the operating instructions. 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 Uniphone 1150 to normal operation.
 - e. If the Uniphone 1150 has been dropped and/or damaged.
 - f. If the Uniphone 1150 works very differently than you expect it to.
- 11.** Avoid using the Uniphone 1150 or any telephone, other than a cordless type, during an electrical storm. There is a remote risk of electric shock from lightning.
- 12.** Do not use the Uniphone 1150 or any telephone 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 a 9-volt alkaline battery.
- 2.** Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- 3.** Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- 4.** Use care in handling in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

Save these instructions

INTRODUCTION

Your new Uniphone 1150™ telephone can also be used as a text telephone (minicom). You can make telephone calls, text-telephone calls, or text-telephone calls with voice carry-over (VCO).

For a voice call, pick up the handset and use the Uniphone 1150 just like a regular telephone.

For a text telephone call, press the TTY On/Off key and type. To use VCO, pick up the handset at any time during your call.

Other features of the Uniphone 1150:

Auto answer answers the telephone when you are busy or away and takes text-telephone messages.

Auto ID™ alert system tells a hearing person that you are calling by text telephone.

Battery backup allows you to see the Uniphone 1150 during a power failure. The battery will power the Uniphone 1150 for an hour if the electricity goes off.

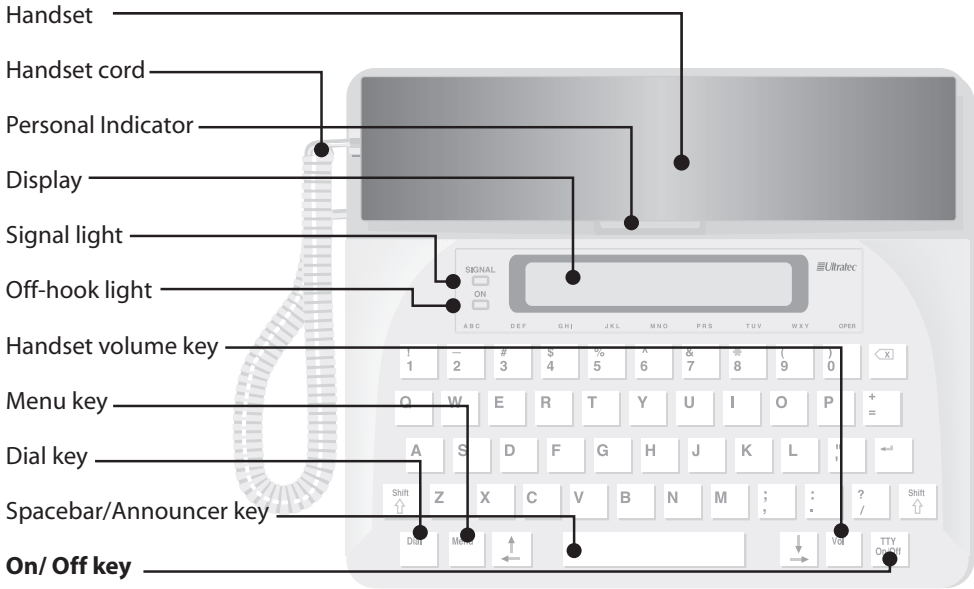
Call progress displays RING, ENGAGED, or LINE UNOBTAINABLE on the display to let you know what is happening on the phone line.

A built in **greeting message** lets you send out a quick "Hello GA."

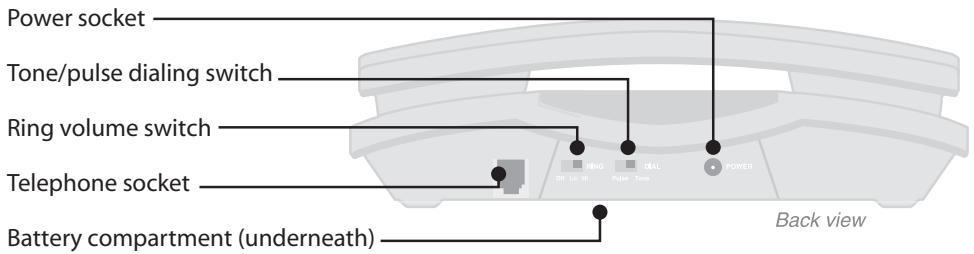
The **voice announcer** tells a hearing person to use a text telephone. A ringer and personal indicator both signal a call.

Turbo Code® communication sends signals to other Turbo Code equipped text telephones as fast as you can type. Turbo Code calls you to interrupt the other person while he or she is typing. Turbo Code also allows you to use the wait for response feature.

Overview of the Uniphone II 50



Top view



Back view



SET-UP

All you do when setting up the Uniphone 1150 is plug it in! You can also install a battery if you want to use the Uniphone 1150 during a power failure. After opening the box, you should find the following parts:

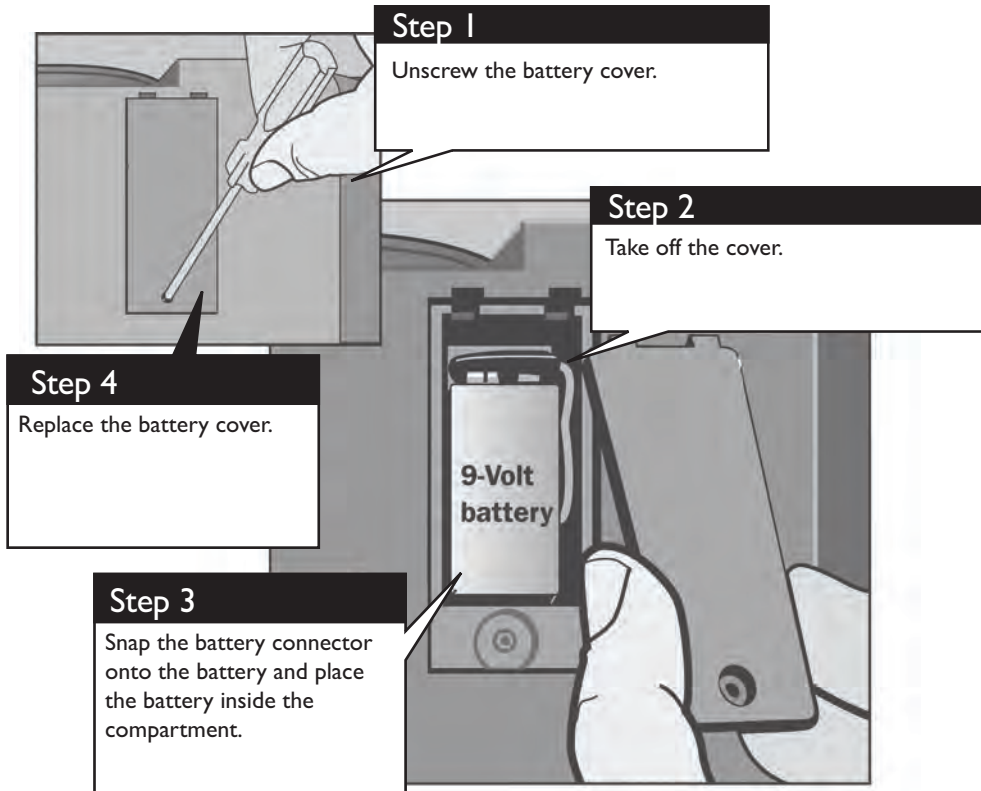
- Uniphone 1150 with telephone cord
- Handset with cord
- AC adapter



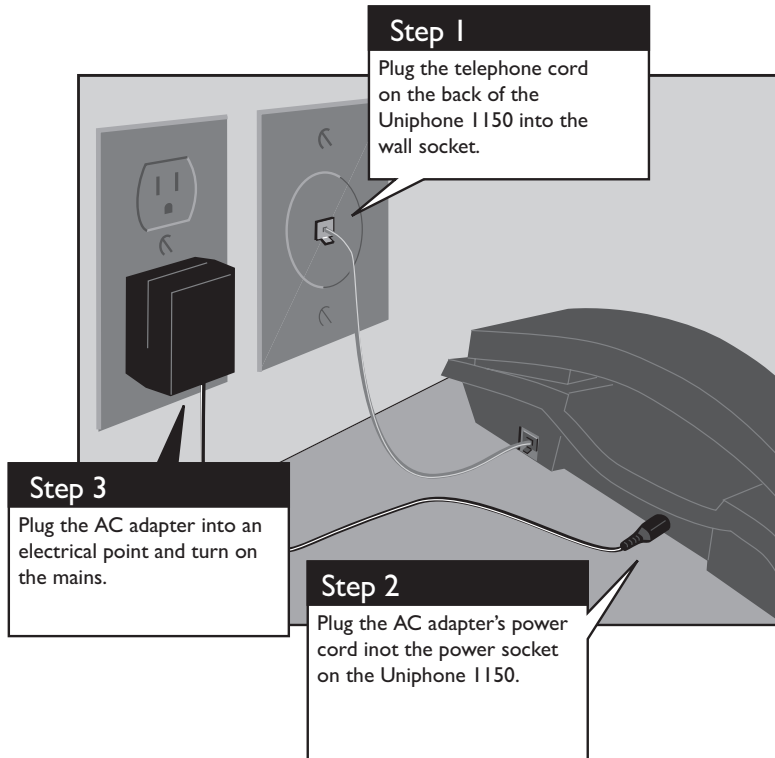
CAUTION! Use only the included AC adapter with the Uniphone 1150. Using another AC adapter may damage the Uniphone 1150. Damage caused by another AC adapter will void your warranty.

Installing a battery

Installing a battery will allow you to use the Uniphone 1150 continuously for an hour during a power failure. A battery also saves any settings or message changes if there is a power failure. Use a 9-volt alkaline battery. The battery compartment is on the bottom of the Uniphone 1150. Follow the steps below to install a battery.



Plugging in power and the telephone line



Press the **TTY On/Off** key to turn on the Uniphone 1150. You will see **UNIPHONE RESET** and then the following screen:



This is the ready screen. You see it whenever you are not using the Uniphone 1150. This display means the telephone is hung up and the text telephone is off.

What kind of telephone line?

You need a standard analog home phone line with either pulse or tone dialing. In an office with a digital phone system, you may need to modify your line. Contact your telephone installer to be sure your line supports a standard single-line home telephone (this is the same kind of line you need for a fax or computer modem).

CAUTION! Do not plug the Uniphone 1150 into any line other than a standard telephone line. If you do, you may damage your telephone system or the Uniphone 1150. You will also void your warranty.


Connecting a signaler light

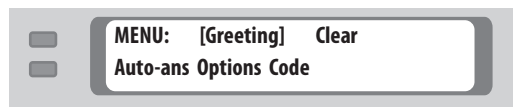
If you want to use a signaler light with the Uniphone 1150, plug the signaler light into an unused extension telephone wall socket. If you only have one socket in your house or office, use a Y-jack (also called a duplex jack) to plug in both the Uniphone 1150 and the signaller into the same socket. You can get a Y-jack at any shop that sells telephones.





Setting pulse/tone dialing


The Uniphone 1150 is set to tone dial. If your telephone line uses pulse dialing, set the dial switch on the back of the Uniphone 1150 to PULSE. Contact your telephone company if you do not know whether your telephone line is pulse or tone.

About the Menu key


Press the  key to display different Uniphone 1150 functions. The menu displays five functions that you can select: GREETING, CLEAR, AUTO-ANSWER, OPTIONS, and CODE.





















Use the  key or the  key to move the brackets to the choice you want, then press the  key to select it. You can also type the function's capital letter to select it—for example, type the  key to select auto-answer.



If you do not want to select a function, press the  key to return to the ready screen.

Hot Keys

The most frequently used functions have hot keys assigned to them. To use a hot key, press the  key and then the letter key. Here is a list of the Uniphone 1150 hot keys and what they do:

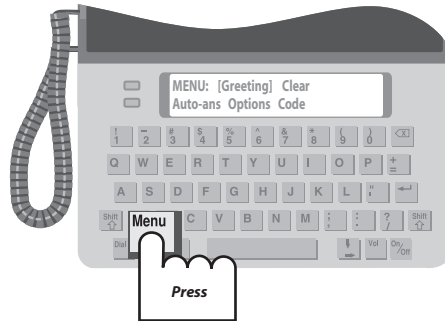
 + 	Adjust the contrast of the display; see page 12.
 + 	Turns on CCITT originate mode; see page 42.
 + 	Turns on auto-answer; see page 34.
 + 	Reads auto-answer messages; see page 35.
 + 	Sends the greeting messages; see page 21.
 + 	Displays the call timer; see page 26.
 + 	Turns on VCO in CCITT; see page 28.
 + 	Turns on wait-for-response; see page 23.
 + 	Turns on voice announcer; see page 22.

Help

The help feature allows you to read information about a function on the display. For example, when you press the  key to display the main menu, press the  key for a short explanation of the choice that is between the square brackets.

Setting display contrast

1. Press the **Menu** key.



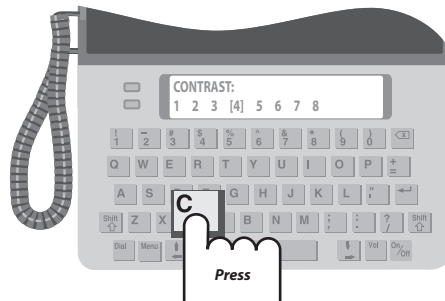
2. Press the **O** key to select **OPTIONS**.



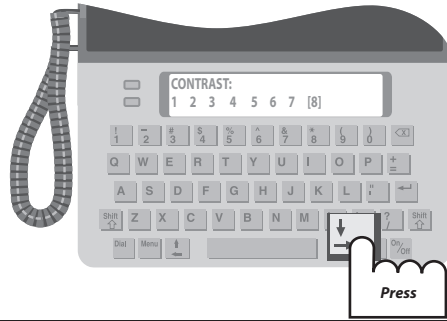
3. Press the **D** key to select **DISPLAY**.



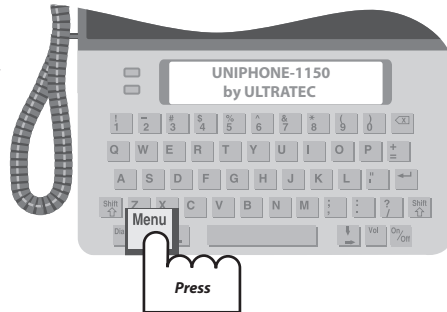
4. Press the **C** key to select **CONTRAST**.





-
5. Press the  key or the  key to change the setting.





-
6. Press the  key when you are finished.



You can save steps when you adjust the display contrast by using the display contrast hot key. Press the  key and then the  key to display the contrast screen, then press a number key to change the setting.

Display backlight

You can turn on or off the display backlight by following steps 1–3 above and choosing backlight instead of contrast. You can also use the backlight on/off hot key by pressing the  key and then the  key.

When you turn on the backlight, it comes on when you make a call, change settings, or turn on auto-answer. It goes off immediately when you hang up or after a few seconds when you change a setting or turn on auto-answer. When you turn the backlight off, it stays off all the time. The backlight will turn off if the Uniphone 1150 loses external power to save battery power. You can turn the backlight on again after external power is restored.

Handset volume (amplification)

The handset volume setting has three steps: minimum; medium, and maximum. When you change the setting, you will see MIN, MED, or MAX on the display.

To change the setting, pick up the handset and press the **Vol** key. Each time you press the **Vol** key, you move the setting up one step. After MAX, you go back to MIN again. The setting returns to MIN after you hang up. You must change the setting each time you make a call.

Inductive coupler

This feature of the Uniphone 1150 improves the sound quality for people who use hearing aids. When you want to make or answer a call, switch your hearing aid to "T". Adjust the handset volume until you get the best sound quality.

Turn off the ringer

You can adjust the ringer volume from Lo to Hi or turn off the ringer entirely. On the back of the Uniphone 1150, there is a ringer switch. Move the switch to the setting you prefer.

2 CALLING

There are two ways to call: by voice telephone or by text telephone. Text telephone is another name for a minicom. A voice call using the Uniphone 1150 is the same as with any telephone: pick up the handset, dial, and listen for a ring or engaged signal. A text-telephone call is the same as any text telephone: dial a telephone number and wait to read a response on the display.

Making a voice call


1. Pick up the handset.
2. Dial the telephone number using the number keys.
3. Hang up the handset when you are finished.

Redialing

To redial the last number you called, pick up the handset and press the  key.

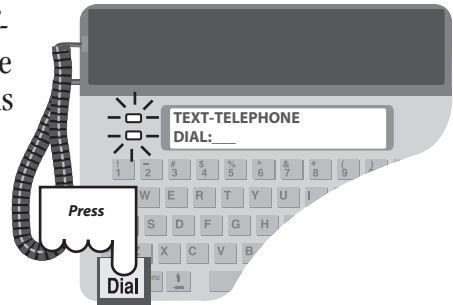
Answer a voice call

1. The telephone rings and the personal indicator flashes when someone calls.
2. Pick up the handset.
3. Hang up the handset when you are finished.

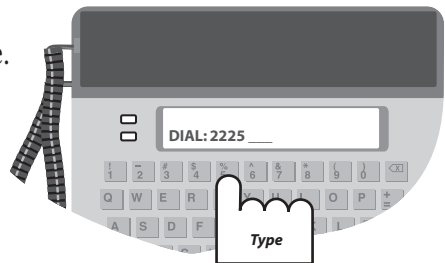
Note: If there is no reply after you answer, you may be receiving a text-telephone call. Press the  key and type a greeting. See *Answering a telephone call with text* on page 18 for more information.

Making a telephone call with text

1. Press the **Dial** key. Both the off-hook and signal lights will come on. (Pressing the **Dial** key turns on the text telephone. You do not need to press the **TTY On/Off** key).



2. Type the telephone number. The Uniphone 1150 dials as you type.

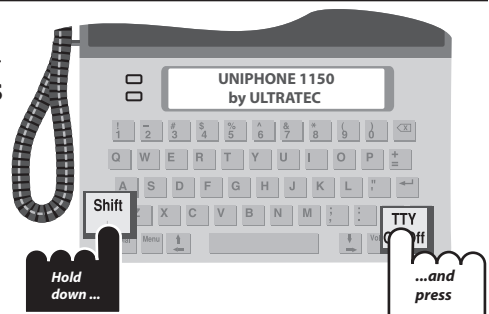


3. Watch the signal light and display for a ring signal.

When you see an answer on the display, type a greeting. Press **Menu** + **Announcer** to use the voice announcer.

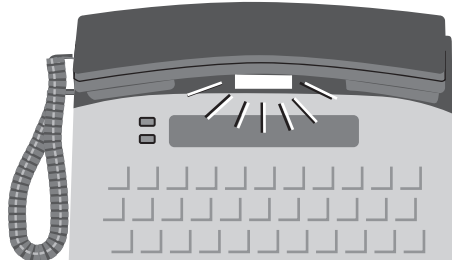


4. When your call is finished, hold down either **Shift** key and press the **TTY On/Off** key to hang up.

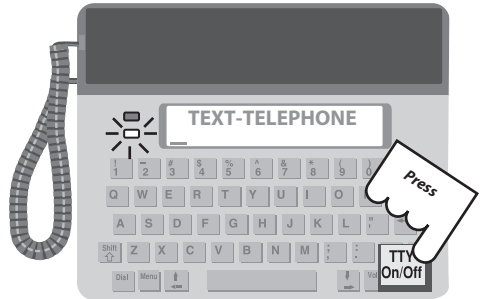


Answering a telephone call with text

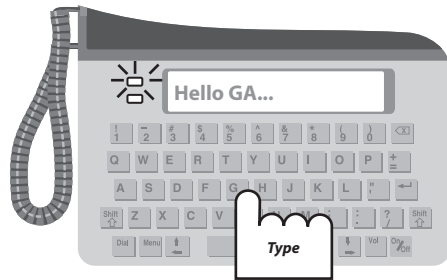
1. The personal indicator flashes when the telephone rings.



2. Turn on the Uniphone 1150.



3. Type a greeting or press Menu + S to send your saved greeting message.



4. When you are finished with your conversation, hold down either Shift key and press the TTY On/Off key to hang up.



Call progress

The signal light and display show you what is happening on the telephone line in the following ways:

Signal light	Display Message	Telephone line
Stays on before dialing		Dial tone
Stays on after dialing	LINE UNOBTAINABLE	No connection
Steady flashing	ENGAGED	Engaged
Slow flashing	RING	Ring
Irregular blinking		Other person is picking up handset, speaking, or sending voice announcer

Text-telephone dialing tips

- If you make a mistake while dialing, hang up (hold down the **Shift** key and press the **TTY On/Off** key) and start again.
- To re-dial the last number called, press the **Dial** key and then the **←** key.
- In an office, you may need to use a 9 or another number for an outside line.
- Use a ! for a hook flash. A hook flash is sometimes used in a voice mail system or to disconnect from one line and go to another without hanging up.
- Press the **Shift** key and the **R** key to perform a register recall.
- You cannot use * and # with pulse dialing.

3

ADVANCED
CALLING**Using the greeting message**

Your Uniphone 1150 has a greeting message saved in memory that says, "HELLO, GA." You can answer calls by pressing the **Menu** key and then the **S** key to send the message. You will see HELLO GA on your display as the message is sent over the telephone line.

Changing the greeting message

You can change the greeting message to say anything you want, up to 127 characters. To change the message, do the following:

1. Press the **Menu** key.
2. Press the **←** key to select GREETING.
3. Press the **E** key to select ENTER. The display says ENTER GREETING MESSAGE.
4. Type your new greeting message. Use the **□** key to correct typing mistakes.
5. When you are finished, press the **←** key to save the message. The display says GREETING MSG SAVED.
6. You can check the message by pressing the **Menu** key and then the **S** key. Be sure to hang up (hold down the **Shift** key and press the **TTY On/Off** key) afterwards.

Using the voice announcer

The voice announcer is a recording of a person's voice that says, "Text call, please use text telephone." Use the voice announcer to ask hearing people to use a text telephone. Each time the voice announcer speaks, you see ANNOUNCING on the display. You can turn on the voice announcer by pressing the **Menu** + **Announcer** keys. The voice announcer will stop when you start typing, receive character, or press the **Menu** + **Announcer** keys again.

About Turbo Code®

Turbo Code® communication is an enhanced Baudot code. When you are communicating with another Turbo Code equipped text telephone, you can type as fast as you want without waiting for the unit to catch up.

The Uniphone 1150 automatically connects in Turbo Code, Baudot, or CCITT code depending on which code the other text telephone is using.

Turbo Code allows you to use the interrupt and the wait-for-response features.

You can turn off Turbo Code by following these steps:

1. Press the **Menu** key.
2. Press the **O** key to display the Options menu.
3. Press the Left **Shift** key, the Right **Shift** key, and the **↓** key all at the same time to display the Options 2 menu.
4. Press the **←** key. You will see TURBO CODE OFF.
5. Press the **Menu** key to leave the Options 2 menu.

Follow the same steps to turn on Turbo Code again.

Using Turbo Code interrupt

When you are connected to another Turbo Code-equipped text telephone, you can interrupt the other person while he or she is typing. Hold down the **Shift** key and press the **1** key. Your display will say INTERRUPT REQUEST. The other display will say INTERRUPT. The other person can choose to stop typing and let you go ahead or ignore your interruption and continue.

If you see INTERRUPT on your display and your personal indicator flashes while you are typing, it means 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.

The interrupt feature only works with newer text telephones that have Turbo Code and only when the other person is typing continuously. If nothing happens when you try to interrupt the other person, the other machine does not have Turbo Code or the other person is not typing.

Wait for response

1. When you are asked to hold or wait, press the **Menu** key and then the **W** key. The display says WAITING.
2. When you see the personal indicator flashing, the other person has returned to the conversation. Press any key to stop the personal indicator.

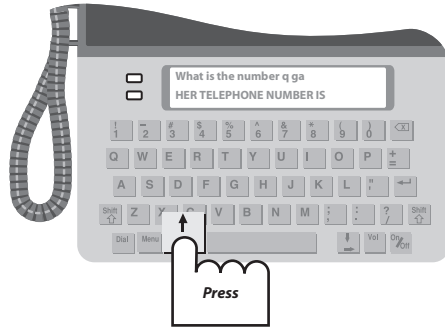
This feature works in text-telephone mode only.

About the conversation memory

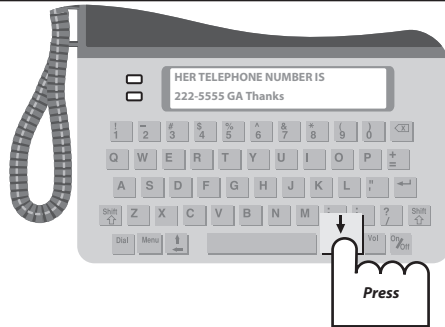
A conversation is everything you and the other person type during a call. The Uniphone 1150 saves one conversation after another in the conversation memory. The conversation memory holds about 2,000 characters. If the memory fills up, the Uniphone 1150 erases the oldest conversations to make room for new ones.

Reading text-telephone conversation memory

1. Press the  key to read back through memory.



2. Press the  key to read forward through memory.



3. Press any key to return to the ready screen when you are finished reading. Your next conversation will begin at the end of conversation memory.

Clearing conversations

If you do not want to leave a conversation in memory, you can erase the conversation memory. This erases all conversations, but does not erase auto-answer memory. Follow these steps:

1. Press the **Menu** key.
2. Press the **C** key to select CLEAR.
3. Press the **←** key to select CONVERSATION.
4. Press the **Y** key when the display says CLEAR CONV MEMORY Y/N. Press any other key if you decide not to clear.

About Auto ID™

The Auto ID™ alert systems tells a hearing person or any emergency service that you are calling by text telephone. It only works in text-telephone mode. As soon as you dial a number, Auto ID sends several tones over the telephone line every few seconds. It stops when someone starts typing. When Auto ID is on, you will see SENDING ID on the display.

Auto ID also comes on during a conversation if no one types for a few minutes. It continues until you type or receive characters.

You can turn off Auto ID by following these steps:

1. Press the **Menu** key.
2. Press the **O** key to display the Options menu.
3. Press the left **Shift** key, the right **Shift** key, and the **↓** key all at the same time to display the Options 2 menu.
4. Press the **↓** key to select AUTO ID.
5. Press the **←** key. You will see AUTO ID OFF.
6. Press the **Menu** key to leave the Options 2 menu.

Follow the same steps to turn on Auto ID again.

Using the timer

The timer measures your call in minutes and seconds. When you use telephone mode, you will see CALL TIMER and the number of minutes and seconds on the second line of the display. To use the timer in text-telephone mode, press the key and then the key. The timer will stay on the display until you press any key or the other person starts typing.

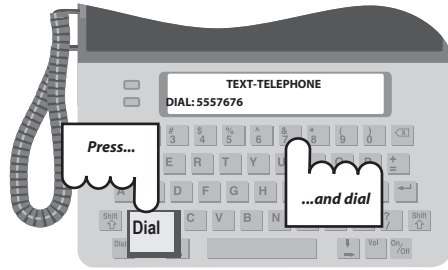
4 VCO CALLING

People who cannot hear but wish to speak for themselves can make voice carry-over (VCO) calls. During a VCO call one person speaks into the handset while the other person types on a text-telephone keyboard. The Uniphone 1150 is ideal for VCO calling, because it combines a telephone and a text telephone into one unit.

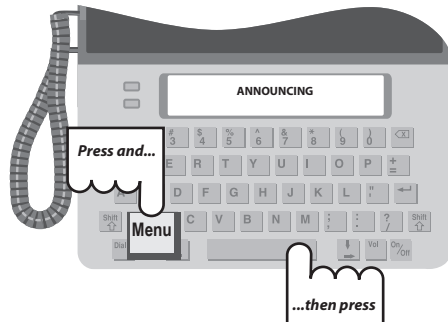
You can make VCO calls in Baudot, EDTN, CCITT, and Turbo Code codes.

Making a VCO call

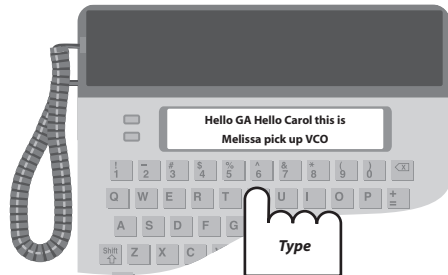
1. Press the **Dial** key and dial the person's number using the number of keys.



-
2. Turn on the voice announcer by pressing the **Menu** + **Announcer**. This will tell the person to use his or her text telephone (minicom).



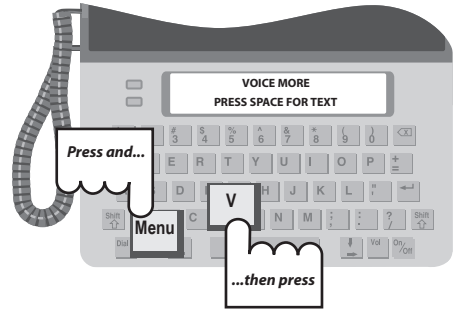
-
3. After the person answers with text, type a message explaining that you want the call to be VCO.



-
4. Pick up the handset.

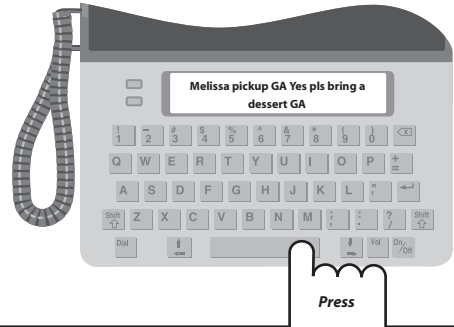


5. Press the **Menu** + **V** to turn on VCO. Begin speaking into the handset.

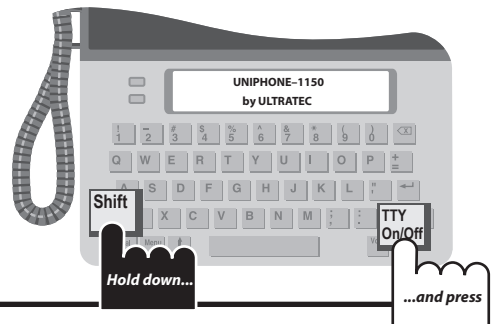


6. When you finish speaking, press the **Announcer** to reconnect into text mode. You do not need to replace the handset.

Repeat steps 5-6 until your conversation is finished.



7. When the conversation is finished, hang up the handset; then hold down the **Shift** key and press the **TTY On/Off** key.



Note: After you pick up the handset, you may see this display screen:



This display screen means your call connected using Baudot, EDTN, or Turbo Code. You do not need to press **Menu** + **V** each time you want to speak. Begin speaking when you see this display screen.

Answering a VCO call

Answering a VCO call is the same as answering a text call. After the conversation has begun, do the following:

1. Tell the other person you want to use VCO.
2. Pick up the handset. you see CCITT VCO-MENU THEN V on the display screen.
3. Press **Menu** + **V** to turn on VCO. You see VOICE MODE PRESS SPACE FOR TEXT on the display screen.
4. When you are finished speaking, press the **Spacebar** to reconnect into text mode. You do not need to replaced the handset.
5. Repeat steps 3-4 until your conversation is finished.
6. When the conversation is finished, hang up the handset and then hold down either **Shift** key and press the **TTY On/Off** key.

Note: After you pick up the handset, you may see this display screen:



This display screen means your call connected using Baudot, EDTN, or Turbo Code. You do not need to press **Menu** + **V** each time you want to speak. Begin speaking when you see this display screen.

Using hearing carry-over (HCO)

For people who can hear but do not wish to speak, the Uniphone 1150 can make HCO (hearing carry-over) calls. HCO is the opposite of VCO. You type to the other person and listen to the other person's reply. Follow the VCO procedures on pages 28-29.

5

USING TEXTDIRECT

TextDirect is a Relay Service that allows you to use an operator to translate text into words. This enables conversations between Uniphone 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

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, 9 am 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.

6

AUTO-ANSWER

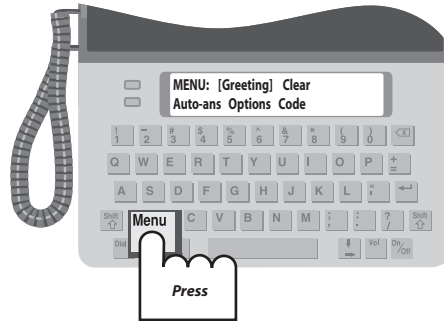
The Uniphone 1150 auto-answer feature answers the telephone when you are out, busy or wish to screen your incoming calls. It sends a pre-set text-telephone message that says YOU HAVE REACHED AN ANSWERING MACHINE, PLEASE LEAVE A MESSAGE GA and waits for a message.

Auto-answer does not record voice messages. It only records text-telephone messages.

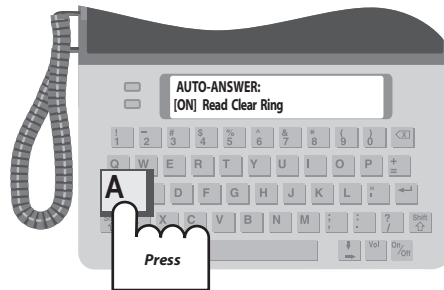
The auto-answer memory can save about 5,000 typed characters.

Turning on auto-answer

1. Press the **Menu** key.



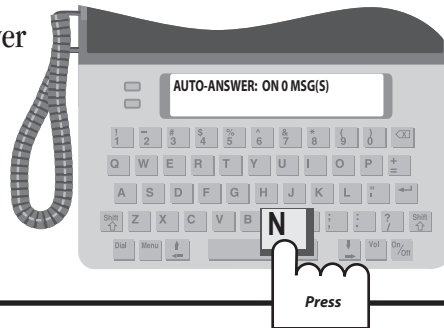
2. Press the **A** key to select AUTO-ANS.



3. Press the **N** key. Auto-answer is on.

Note: You can also turn on auto-answer using its hot key

Menu + **N**.



Turning off auto-answer

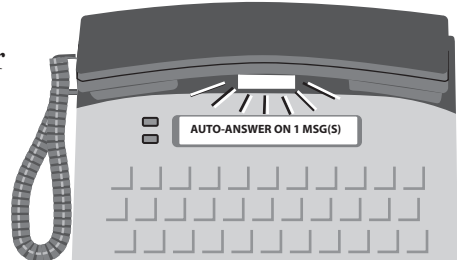
Press the **Menu** key to turn off auto-answer.

Interrupting auto-answer

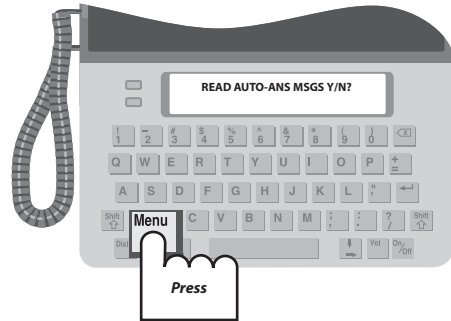
If you see the Uniphone 1150 sending the auto-answer message or receiving a message and you want to answer the call yourself, press any key. Auto answer will go off and you can start typing.

Reading auto-answer messages

The personal indicator signals unread messages when auto-answer is on. The display shows how many messages you have received.



1. Press the **Menu** key once to turn off auto-answer.



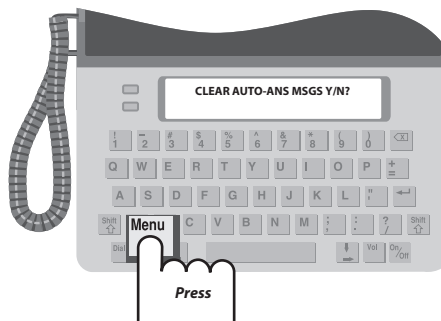
2. Press the **S** key to read your messages. You will see the first message on the display.



3. Press the **↓** or **↑** key to read your messages.

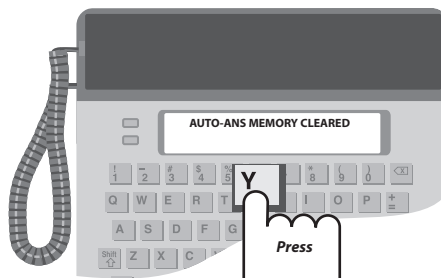


-
4. To stop reading messages, press the **Menu** key.



-
5. Press the **Y** key to clear your messages.

Press the **N** key if you decide not to clear. An **AA** symbol appears in the bottom left of the ready screen reminding you of them.



Note: You can also read auto-answer messages using its hot key **Menu** + **R**.

Setting the number of telephone rings

Auto-answer is set to answer the telephone after 3 rings. You can change this to any number between 2 and 5. Follow these steps to change the number of rings:

1. Press the **Menu** key.
2. Press the **A** key to select AUTO-ANS.
3. Press the **G** key to select RING.
4. Press the **←** key or the **→** key to select the number you want.
5. Press the **↵** key to set the number of rings.

7

CODES

When you type a message to someone, your text telephone sends sounds over the telephone line. The other text telephone translates those sounds into letters that are read by the other person. These sounds are called a code. Both text telephones need to be set to the same code in order to communicate.

Your Uniphone 1150 can communicate in three codes: Baudot and Turbo Code, CCITT, and EDTN. These codes allow you to call countries around the world. The Uniphone 1150 automatically connects in Baudot, Turbo Code, and CCITT codes. You must set EDTN code yourself. You can also set any of the codes yourself if you want the Uniphone 1150 to use a particular code for a text-telephone call.

You can change codes before or during a text-telephone call.

Code summaries

Auto code

Auto is not a true communication code. Rather, it is a code detecting feature. Auto will determine what code the other text telephone is using—Baudot, Turbo Code, or CCITT—and change the code in the Uniphone 1150. Auto will not detect EDTN. If you think you have connected to a text telephone that is using EDTN, you need to set the Uniphone 1150 to use EDTN code. See *Setting EDTN code* on page 45 for more information.

Auto is the pre-set code. If you change the code for a text-telephone call, the Uniphone 1150 will switch back to auto code after you finish the call and hang up.

Baudot code

This code is used by text telephones 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 Uniphone 1150 to use only Baudot code for the call. Countries that use Baudot are:

45 Baud

Canada

Great Britain

Republic of Ireland

South America

United States

50 Baud

Australia

New Zealand

South Africa

Turbo Code is an enhancement of Baudot code. In order for Turbo Code to work, both text telephones need to be Turbo Code-equipped. See *About Turbo Code* on page 22 for more information.

CCITT code

This code is used by text telephones in the seven European countries listed below. If you are calling a country that uses CCITT, you can set the Uniphone 1150 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	Republic of Ireland
Great Britain	Norway
Sweden	

* Denmark can be called through a special DTMF/CCITT gateway. See *The Danish Gateway* on page 51 for more information.

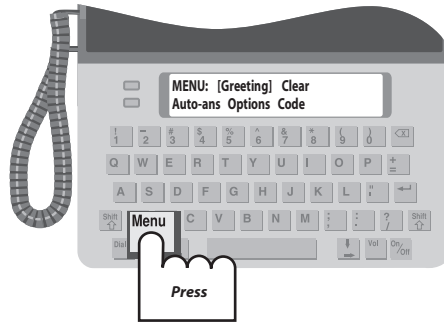
EDTN code

This code is used by text telephones in the European countries listed below. The Uniphone 1150 will change back to the auto code setting after you finish your call and hang up. Countries that use EDTN are:

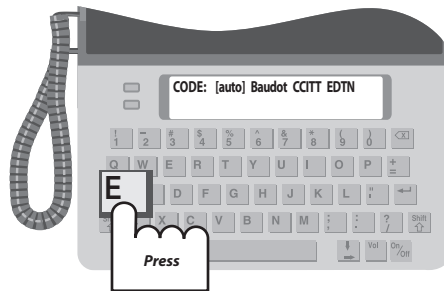
Austria	Estonia	Latvia	Slovenia
Bosnia	Germany	Malta	Spain
Croatia	Herzegovina	Portugal	Switzerland
Czech. Rep.	Italy	Slovaki	Yugoslavia

Setting Baudot code

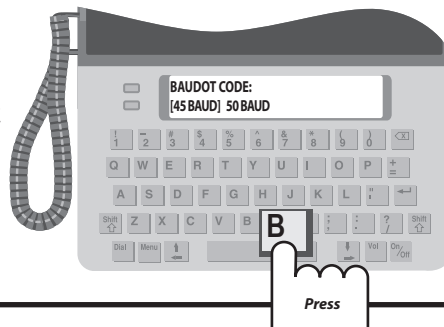
1. Press the **Menu** key.



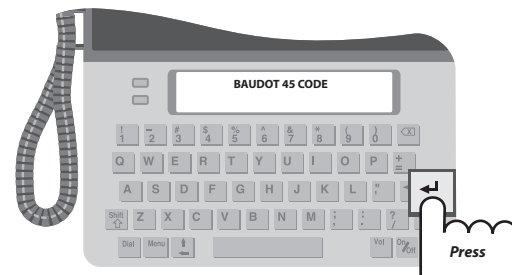
2. Press the **E** key to select CODE.



3. Press the **B** key to select BAUDOT.
Use and arrow key to select baud rate.



4. Press the **←** key to set Baudot code.

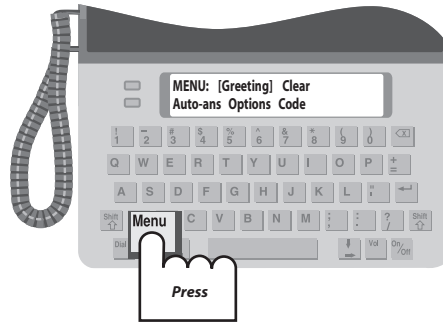


5. Begin your text telephone call.

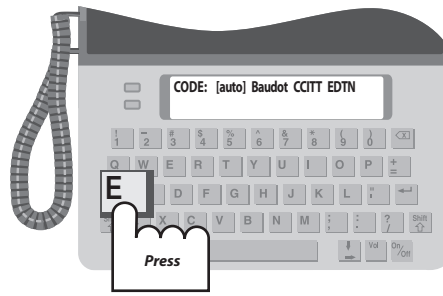


Setting CCITT code

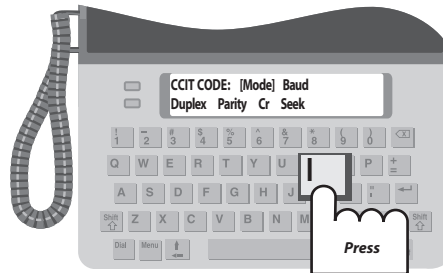
1. Press the **Menu** key.



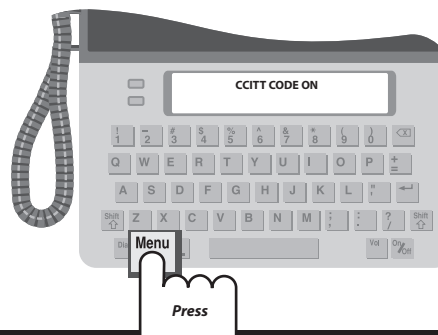
2. Press the **E** key to select CODE.



3. Press the **I** key to select CCITT.



4. Press the **Menu** key to set CCITT with its default settings. If you want to change a setting, see *Changing CCITT settings* on page 46 for more information.



5. Begin your text telephone call.

Note: You can also turn on auto-answer using its hot key `Menu` + `I`.



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 Uniphone 1150 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 (lIiikkee tthhiiss) or none at all, change the setting from full duplex to half duplex. The default is half.

Parity controls how your Uniphone 1150 checks for errors. You can choose 8N1 or 7E1. The default is 8N1.

Return (CR) determines what the Uniphone 1150 sends when you press the `↵` key. 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.

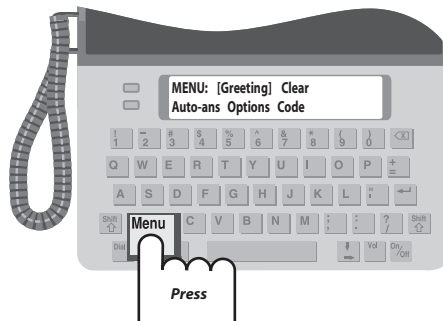
Seek Time determines how many seconds the Uniphone 1150 tries to connect in CCITT before it tries to connect in Baudot or Turbo Code. You can choose between 2 and 9 seconds. The default is 3 seconds.

Changing CCITT settings

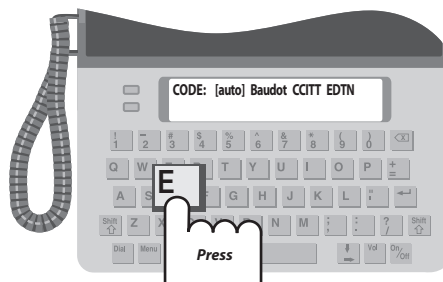
1. Press the  key.
2. Press the  key to select CODE.
3. Press the  key to select CCITT
Use the following keys to change settings:
 or  keys to select a setting.
4. Press the  key to save and exit CCITT settings and return to your text-telephone conversation.

Setting EDTN code

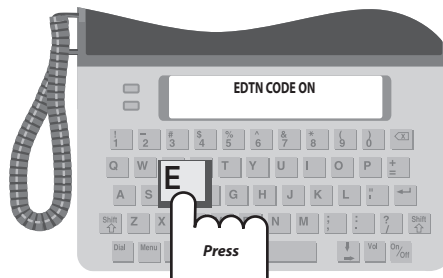
1. Press the **Menu** key.



2. Press the **E** key to select CODE.



3. Press the **E** key again to set EDTN code.



4. Begin your text telephone call.



8

CARE & REPAIR

Problem Solving

The display shows all numbers and punctuation marks instead of words.

Press the . The text should change to words.

The Uniphone 1150 does not turn on when I press the key, or the Off-hook light blinks, even when the AC adapter is plugged in.

Be sure the AC adapter is firmly plugged in and the electrical point is working. If this does not solve the problem, the AC adapter or the Uniphone 1150 may have a problem. Contact your dealer or Teletec International Ltd.

The display on my Uniphone 1150 is blank, even though the machine is plugged in.

Try pressing the key or pick up the handset. The first time you plug in the Uniphone 1150, you must do this to turn on the display. You also have to do it after a power failure if you have not installed a battery. Also, make sure that the electrical point is turned on and working.

My Uniphone 1150 does not ring when I get a call

Be sure the ringer switch on the back of the Uniphone 1150 is set to ON.

The personal indicator does not flash when I receive a call.

You have lost external power and the Uniphone 1150 is working on battery power. The Uniphone 1150 saves battery power by not suing the personal indicator. Make sure the AC adapter is plugged in firmly. After external power is restored the personal indicator should work properly.

If I change the battery, will I lose setting changes I have made?

You have approximately 45 seconds after removing the old battery and installing a new one before the memory is erased.

Resetting the Uniphone 1150

If the Uniphone 1150 has power but is not working properly, you may be able to correct the problem be resetting it. Resetting returns all options to their original settings and erases all conversations and auto-answer messages. To reset the Uniphone 1150:

1. Press the left key, the right key, and the key all the same time. The display will give a serial number and say RESET Y/N.

IMPORTANT! Everything in memory will be erased. There is no way to get the contents back after you erase them.

2. Press the key to reset. The display says UNIPHONE RESET. Press any other key if you change your mind and decide not to reset the Uniphone 1150.



Repair



Questions about repairs/warranty?



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



STICKY KEYS


Ordinarily, when you use a shift key, you must hold down one key while you press another. If you have trouble pressing two keys at once, the sticky keys feature lets you use a shift key by pressing one key at a time.

To turn on sticky keys, pick up the handset or press the  key and then press either  key five times. The display says STICKY KEYS ON.

Now you can press and release the  key; then press and release any key to type the uppercase letter or symbol. For example, press the  key to type an !.

When sticky keys is on, you can also lock down the  key so that it affects every key until you unlock it. To lock the  key, press the key twice. To unlock the key, press it once more.

For example, to type all uppercase letters, press the  twice to lock it. Type your message. Press the  key once more to unlock it.

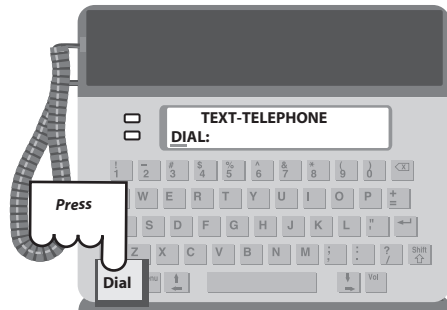
Press either  key five more times to turn off sticky keys. The display says STICKY KEYS OFF.

A THE DANISH GATEWAY

Text-telephone users in Denmark use a communications 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. This translation of codes causes slight delays when waiting for a response during a text-telephone call.

Calling the Gateway

1. Press the **Dial** key.



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

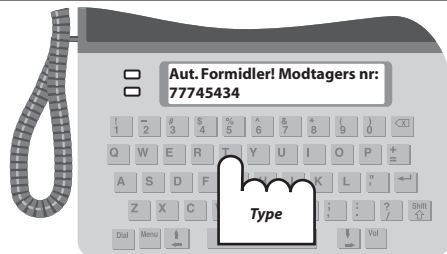


3. After you connect to the gateway, you see this display screen, which means: enter the telephone number.



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.

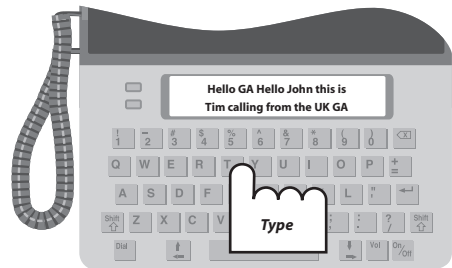




5. Press the  key. You will see this display screen, which means: calling started.

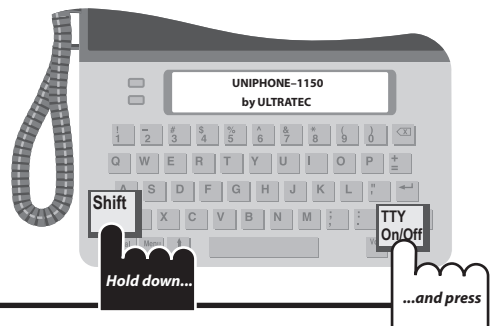
Waiting while your call is connected.



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



7. When the conversation is finished, hold down the  key and press the  key to hang up.



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.

SPECIFICATIONS

Physical Dimensions

Size: 12cm x 18cm x 6.3cm

Weight: .9kg with battery

Power

AC Adaptor: 9VDC, 1.2A

9V battery backup for emergencies.

Keyboard

52 easy-touch keys in 5 rows

Sticky keys for single-handed typists

Display

2 line LCD (2x24)

Contrast control and backlight

Communication Codes

Automatic code detection on incoming and outgoing calls (Turbo Code, Baudot, or CCITT code)

Baudot Code:

45.5 baud

50 baud

Sensitivity = -45 dbm

Output = -10 dbm

CCITT Code:

8N1 and 7E1

Originate and answer

Full and half duplex

Compatible with V.21 modems

EDIN Code:

110 baud

Turbo Code:

100 baud (average)

7 data bits

7 bits de datos

Memory

8K total, battery -backed (when fitted)

Greeting message

Auto-answer message

2K text-telephone conversation memory

5K Auto-answer memory

Direct Connect

Plugs into standard (analogue) telephone line

Automatically answers calls

Pulse or tone keyboard dialing

Approvals

This equipment has been approved to I-CTR-21 and I-CTR-38 for pan-European single terminal connection to the Public Switched Telephone network (PSTN).

However, due to differences between the individual PSTN providers in different countries, the approval does not, of itself give an unconditional assurance of successful operation on every PSTN termination point.

This equipment is designed to interwork with the network in the United Kingdom and may have interworking problems with the networks in other countries.

Statement of Intended Use

This telephone is intended for connection to the UK analogue telephone network. The approval of this modem for connection to the public switched telephone network is invalidated if the apparatus is subject to any modification in any material way not authorized by Ultratec or it is used with or connected to:

- (i) internal software that has not been formally accepted by Ultratec;
- (ii) external control software or apparatus which causes the operation of the Uniphone 1150 or associated call set-up equipment to contravene the requirements of the Standard set out in I-CTR-21 and I-CTR-38.

The Uniphone 1150 has been approved for use of the following facilities:

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

Any other usage will invalidate the approval of the Uniphone 1150 if, as a result, it then ceases to conform to the standards against which approval was gained.

You can connect to:

- Direct exchange lines providing Loop Disconnect (LD) or Multi-Frequency (MF) signaling 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 Uniphone 1150 with a compatible switchboard it cannot be guaranteed that the Uniphone 1150 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 Uniphone 1150 can be connected to it by an authorized maintainer.

You may not connect to:

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

The Uniphone 1150 is suitable for connection to PBX equipment that returns secondary proceed indication. The Uniphone 1150 is only approved for compatible PBXs. Please contact your Uniphone 1150 supplier for a list of PBXs which are compatible. Because of differences in the private telephone system there is no guarantee that the Uniphone 1150 will work correctly in all circumstances. If you experience any difficulties or have questions, please contact your supplier.

Approved for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.



450 Science Drive, Madison, WI 53711 USA

DECLARATION OF CONFORMITY

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

declare under our sole responsibility that the following product manufactured, beginning September, 2006:

Uniphone 1150, Text-Telephone for the Deaf.

In which this declaration refers conforms with the relevant standards or standardizing documents:

- EN 60950-1:2001
- EN 55022:1998 + Amendment A1: 2000 + Amendment A2:2003
- EN 55024:1998 + Amendment A1: 2001 + Amendment A2:2003
- TBR88 : May, 1998
- TBR21 : January, 1996

According to the regulations in the following EC Directives:

- | | |
|------------|-----------------------|
| 1999/5/EC | RTTE/ R&TTE Directive |
| 73/23/EEC | Low Voltage Directive |
| 2002/95/EC | RoHS Directive |

Ronald W. Schultz

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

Date: 28 August 2006

Ultratec, Inc.
450 Science Drive
Madison, WI 53711
USA

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Conversation etiquette

- GA** When you talk with another person by TTY, 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:

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

HOT KEYS

The most commonly used features have hot keys assigned to them. To use a hot key, press the **Menu** key and then the letter key. Here is a list of the Uniphone 1150 hot keys and what they do:

Menu + D	Adjusts the contrast of the display.
Menu + I	Turns on CCITT originate mode.
Menu + L	Turns on or off the display backlight.
Menu + N	Turns on auto-answer.
Menu + R	Reads auto-answer messages.
Menu + S	Sends the greeting message.
Menu + T	Displays the call timer.
Menu + V	Turns on VCO in CCITT.
Menu + W	Turns on wait-for -response.
Menu + Announcer	Turns on voice announcer.



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

- 1999/5EC RTTE/ R&TTE Directive
- 73/23/EEC Low Voltage Directive
- 2002/95/EC RoHS Directive

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