

USING YOUR UNIPHONE 1140™



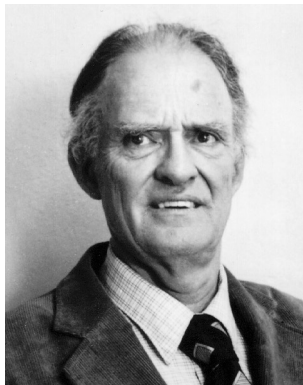
 **Ultratec**

305-003905

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.**

**Ultratec, Inc.
450 Science Drive
Madison, WI 53711
(608) 238-5400 (Voice/TTY)
Fax: (608) 238-3008
Email: service@ultratec.com
www.ultratec.com**

Sixth edition
May 2002

First printing

© 1995-2002 Ultratec, Inc.

Ultratec and Turbo Code are registered trademarks of Ultratec, Inc.
Uniphone 1140 and Auto ID are trademarks of Ultratec, Inc.

CONTENTS

	Safety instructions	p. 3
	Introduction	p. 5
	Overview	p. 6
CHAPTER 1	Setup	p. 7
	Installing a battery	8
	Plugging in power and the telephone line	9
	About the help key	10
	About the Menu key	11
	Setting display contrast	12
	About Turbo Code®	14
	Using Turbo Code interrupt	15
	About Auto ID™	15
	Handset volume (amplification)	16
	Using an external printer	16
CHAPTER 2	Calling	p. 17
	Making a voice telephone call	18
	Answering a voice telephone call	18
	Making a TTY call	19
	Call progress	20
	Dialing tips	20
	Answering a TTY call	21
	Using the greeting message	22
CHAPTER 3	Advanced calling	p. 23
	About the Fastdial directory	24
	Using Fastdial	24
	Saving a Fastdial number	25
	Editing or clearing a Fastdial number	27
	Reading TTY conversation memory	28
	Using Voice Carry Over (VCO)	29
	About direct VCO	31
	Using Hearing Carry Over (HCO)	32

	Using the timer	33
	Busy redial	33
CHAPTER 4	Auto-answer	p. 35
	Turning on auto-answer	36
	Turning off auto-answer	36
	Reading auto-answer messages	37
	Setting the number of telephone rings	39
	Personalizing the auto-answer message	39
	Troubleshooting	41
	Resetting the Uniphone 1140	42
	Repair	43
	Sticky keys	p. 44
	Specifications	p. 45
	Index	p. 48
	Hot keys	Back cover
	Conversation etiquette	Back cover

Important safety instructions

When using your Uniphone 1140, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons.

Save these instructions!

1. Read and understand all instructions.
2. Follow all warnings and instructions on the Uniphone 1140.
3. Unplug the Uniphone 1140 from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use the Uniphone 1140 near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
5. Do not place the Uniphone 1140 on an unstable cart, stand, or table. The Uniphone 1140 may fall, causing serious damage to the Uniphone 1140.
6. The Uniphone 1140 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 or local power company.
7. Do not allow anything to rest on the power cord. Do not locate the Uniphone 1140 where people can walk on the cord.
8. Do not overload wall outlets and extension cords. This overloading can result in a fire or electric shock.
9. To reduce the risk of electric shock, do not disassemble the Uniphone 1140, but take 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 re-assembly can cause electric shock when the Uniphone 1140 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 Uniphone 1140 from the wall outlet 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 Uniphone 1140.
 - c. If the Uniphone 1140 has been exposed to rain or water.
 - d. If the Uniphone 1140 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 1140 to normal operation.
 - e. If the Uniphone 1140 has been dropped and/or damaged.
 - f. If the Uniphone 1140 exhibits a distinct change in performance.
12. Do not use the Uniphone 1140 to report a gas leak in the vicinity of the leak.
13. Ultratec recommends plugging your Uniphone 1140 into a surge-protected outlet. This will protect the TTY from damage caused by electrical surges due to lightning or other causes.

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 local codes 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.

INTRODUCTION

Your Uniphone 1140 is both a text telephone (TTY) and a standard telephone. It can be used to make telephone calls, TTY calls, or Voice Carry Over (VCO) calls.

For a voice call, pick up the handset and use the Uniphone 1140 just like any other telephone.

For a TTY 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 1140 include the following:

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

Turbo Code[®] communication protocol transmits typed characters to other Turbo Code TTYs as fast as you can type. Turbo Code also allows you to interrupt the other person while he or she is typing.

Auto ID[™] alerting system. Auto ID automatically alerts the answering party that you are calling by TTY.

Fastdial is a directory that allows you to store 10 telephone numbers including police, safety, and fire numbers. When you want to call a number that is stored in the directory, the Uniphone 1140 can dial the number for you automatically.

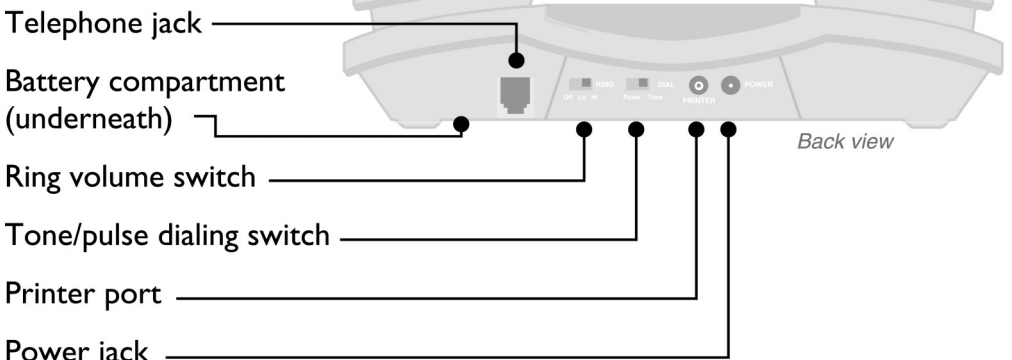
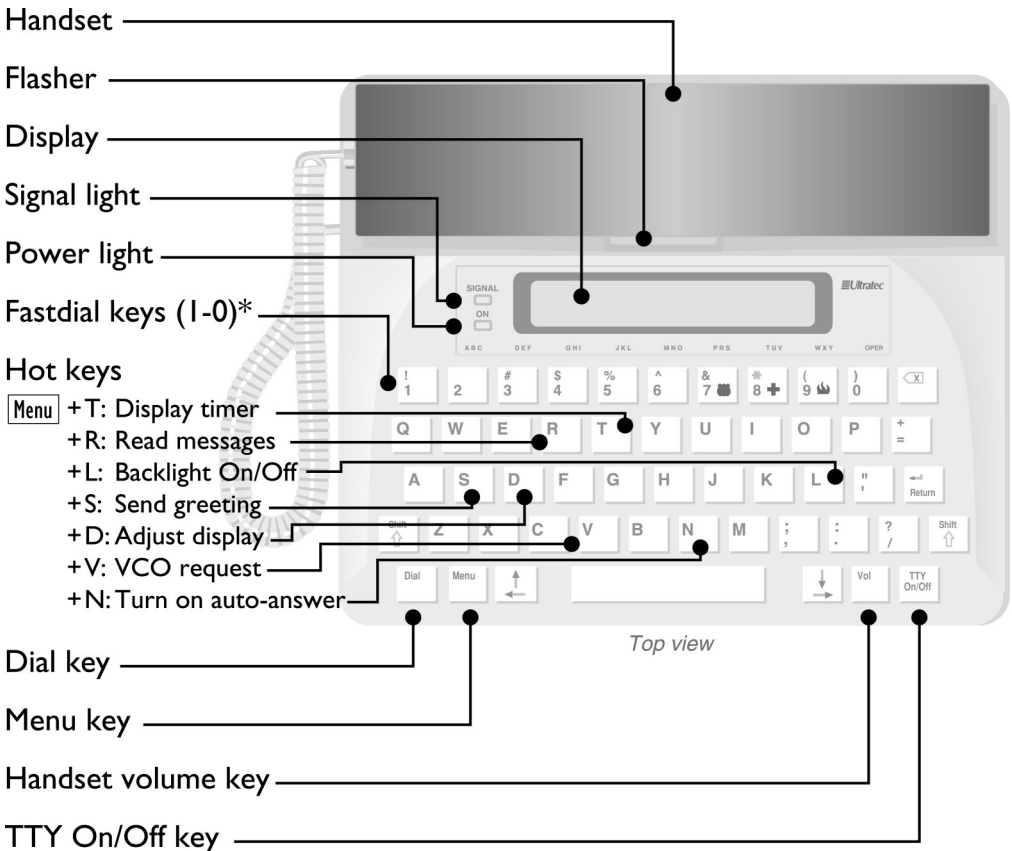
The **ringer** and the **flasher** both signal incoming calls.

The **greeting message** lets you send a quick “Hello.”

Call progress displays the ringing or busy status of the telephone line.

Battery backup allows you to use the Uniphone 1140 during a power outage. A 9-volt alkaline battery (not included) powers the Uniphone 1140 for 30-45 minutes during a power outage.

Overview of the Uniphone II40



*There are three Fastdial keys labeled with symbols where you can save emergency numbers.




SETUP

All you do to set up the Uniphone 1140 is plug it in! You can also install a battery if you want to use the Uniphone 1140 during a power outage. The battery also saves any setting changes, messages, and directories.

Be sure to use only the power adapter that comes with the Uniphone 1140.

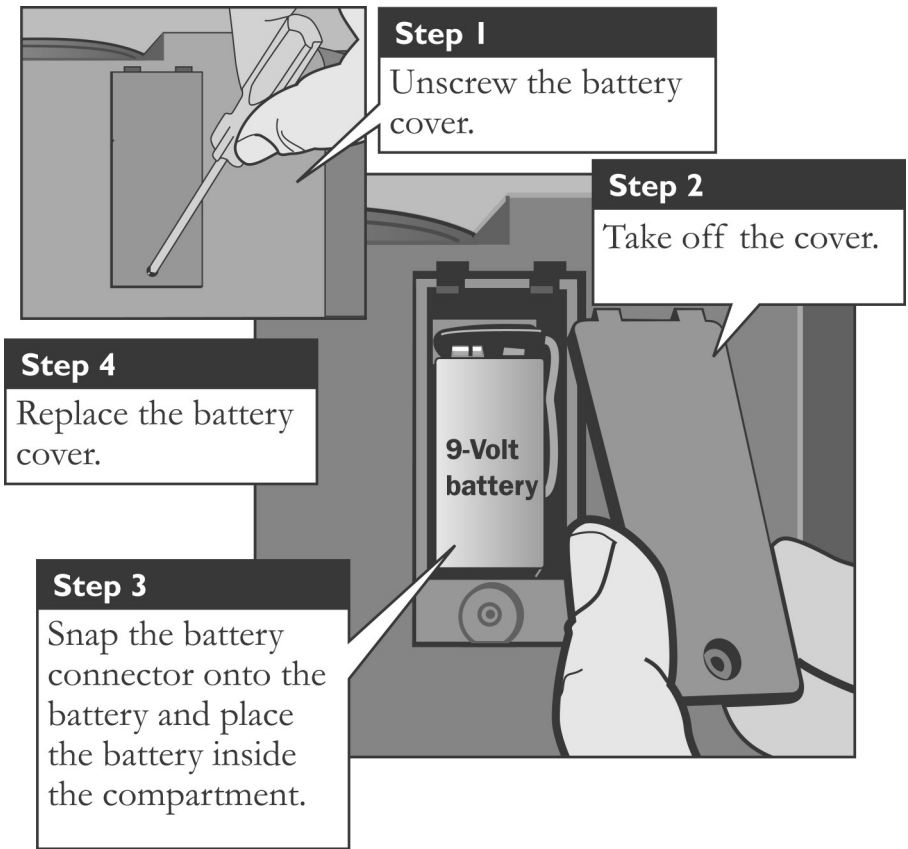
After opening the box, you should find the following parts:

- Uniphone 1140
- Handset
- Handset cord
- AC adapter
- Telephone line cord

 This symbol is to alert you to important operating or servicing instructions that appears in your manual. Always follow basic safety precautions when using the Uniphone 1140 to reduce the risk of injury, fire, or electric shock.

Installing a battery

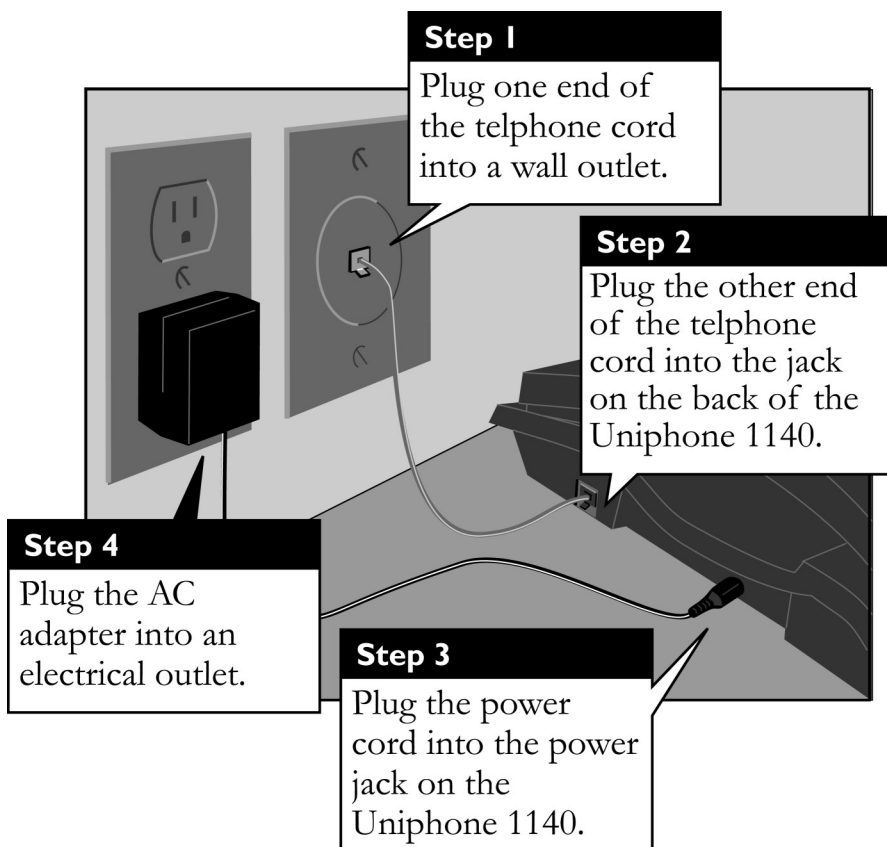
Installing a battery (not included) allows you to use the Uniphone 1140 for up to 45 minutes during a power outage. It will also save any settings or message changes if there is a power outage. Use a 9-volt alkaline battery. The battery compartment is on the bottom of the Uniphone 1140. Follow the steps below to install a battery.



WARNING! Do not burn or puncture the battery. It could release toxic material that could injure you. Do not dispose of the battery in household trash. For information about recycling or proper disposal, consult your local trash collection or disposal organization.

Plugging in power and the telephone line

⚠ CAUTION! Do not plug the Uniphone 1140 into any line other than a standard analog telephone line. If you do, you may damage your telephone system or the Uniphone 1140. You will also void your warranty.



Press the **TTY On/Off** key. You will see TELEPHONE RESET and then the following display:



You will see this display whenever you are not using the Uniphone 1140. It means the telephone is hung up and the TTY is off.

What kind of telephone line?

You need a standard analog telephone line with either pulse or tone dialing. If you plan to use the Uniphone 1140 in an office, the line may need modification because many offices have digital telephone systems. Contact your telephone installer to ensure your line supports a standard single-line telephone. This is the same kind of line you need for many fax machines or computer modems.

Connecting a signaler light

If you want to use a signaler light with the Uniphone 1140, plug the signaler light into an unused extension telephone wall jack. If you only have one telephone wall jack in your house or office, use a Y-jack (also called a duplex jack) to plug both the Uniphone 1140 and the signaler light into the same wall jack. You can buy a Y-jack at any telephone store.

Setting pulse or tone dialing

The Uniphone 1140 is set for tone dialing. If your line uses pulse dialing, set the dial switch on the back of the Uniphone 1140 to PULSE. You can temporarily switch to TONE during a call to access services that require tone signals. After the call, switch back to PULSE. Contact your telephone company if you are not sure about your telephone line dial setting.

About the help key

The help key allows you to read information on the display about a feature that has brackets around it. For example, press the **Menu** key. You will see the main menu with the brackets around FASTDIAL. Hold down the **?** key to read information about the Fastdial feature—you do not need to press the **Shift** key. Release the **?** key when you finish reading.

About the Menu key

Press the **[Menu]** key to select any Uniphone 1140 function. Pressing the **[Menu]** key displays the main menu, which looks like this:



The main menu has five choices: FASTDIAL, GREETING, AUTOANS, CLEAR, and OPTION. Use the **[←]** key or the **[→]** key to move the square brackets to the choice you want, then press the **[↵]** key to select it. You can also type the capital letter of one of the choices to select it—for example, press the **[A]** key to choose AUTOANS.

If you do not want to make a choice, press the **[Menu]** key again to return to the main conversation screen.

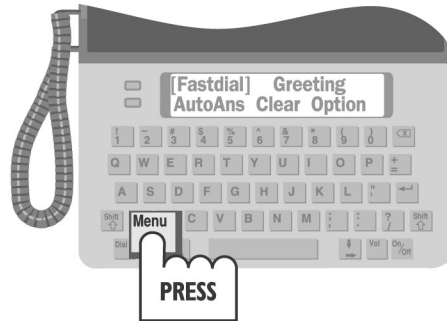
Hot keys

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 1140 hot keys and what they do:

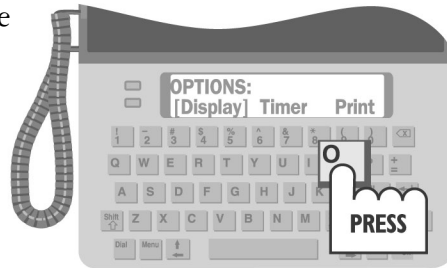
- [Menu]** + **[D]** Adjusts the contrast of the display.
- [Menu]** + **[L]** Turns the display backlight on or off.
- [Menu]** + **[N]** Turns on auto-answer.
- [Menu]** + **[R]** Reads auto-answer messages.
- [Menu]** + **[S]** Sends the greeting message.
- [Menu]** + **[T]** Displays the call timer.
- [Menu]** + **[V]** Sends the VCO request message: VCO PLEASE GA.

Setting display contrast

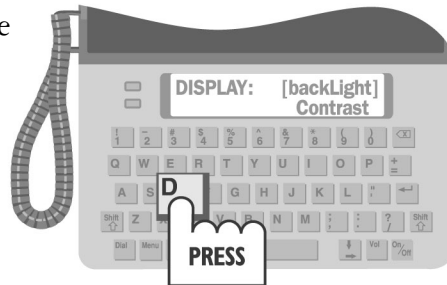
1. Press the **[Menu]** key.



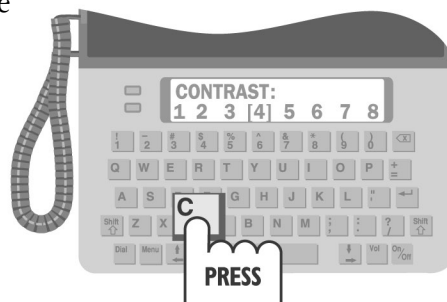
2. Press the **[O]** key to choose OPTION.





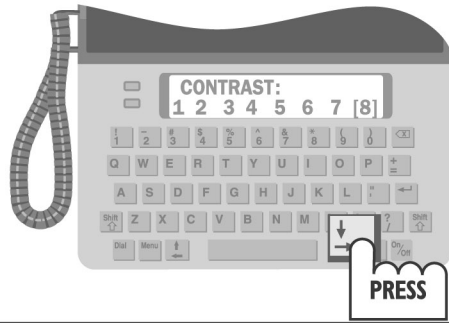
3. Press the **[D]** key to choose DISPLAY.




4. Press the **[C]** key to choose 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, and then press a number key to change the setting.

Display backlight

You can turn the display backlight on or off 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 a setting, 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.

About Turbo Code®

Turbo Code is an improved version of Baudot code. It sends signals to other Turbo Code TTYs as fast as you type and allows you to interrupt the other person during a conversation. The Uniphone 1140 takes care of connecting in Turbo Code or Baudot code, depending on which code the other TTY is using. The Uniphone 1140 only uses Turbo Code when you connect with another Turbo Code TTY.

Turbo Code also allows you to use the special “shift” characters on the top row of your TTY keyboard (example: @ # % ^ & * _ < >). If your call is connected in Baudot, these characters cannot be received or printed at the other end of the line. This is yet another example of why Turbo Code is better for TTY communication than Baudot—especially in the day of sharing your email address.

You can turn off Turbo Code by following these steps:

1. Press the **Menu** key.
2. Press the **O** key to display the Option menu.
3. Hold down the Left **Shift** key and the Right **Shift** key. While these are held down, press the **↵** key to display the Options 2 menu.
4. Press the **T** key. You will see TURBO CODE OFF.
5. Press the **Menu** key to leave the Options 2 menu.

Turbo Code will remain off until you turn it on again. Follow the above steps to turn on Turbo Code.

Turbo Code indicator

When you see this indicator, it means you are in Turbo Code.



You can turn off the indicator by following these steps:

1. Press the **Menu** key.
2. Press the **O** key to display the Option menu.

3. Hold down the Left **[Shift]** key and the Right **[Shift]** key. While these are held down, press the **[↓]** key to display the Options 2 menu.
4. Press the **[S]** key. You will see TURBO CODE INDICATOR OFF.
5. Press the **[Menu]** key to leave the Options 2 menu.

The indicator will stay off until you turn it on again. The TTY will continue to use Turbo Code (unless you have turned it off). Follow the above steps to turn on the indicator.

Using Turbo Code interrupt

When you are connected to another Turbo Code TTY, you can interrupt the other person while he or she is typing. Hold down the **[Shift]** key and press the **[I]** key. Your display will say INTERRUPT REQUESTED. The other person's display will say INTERRUPT. The other person can either stop typing and let you type, or ignore your interruption and continue.

If you see INTERRUPT on your display and your flasher blinks 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 TTYs 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 TTY may not have the interrupt feature or the other person may not be typing continuously.

About Auto ID™

Auto ID alerts a hearing person that you are using a TTY. It only alerts in TTY mode. Auto ID will come on after you dial a number and continue until you start a conversation. Auto ID alerts the person by sending several audible tones over the telephone line every few seconds. It helps emergency services such as 911 detect that you are calling by TTY. You will see SENDING ID on the display every time the Uniphone 1140 sends out tones. Auto ID is

not the same as Caller ID, a separate service available through your telephone service provider that requires additional equipment.

You can turn off Auto ID by following these steps:

1. Press the **Menu** key.
2. Press the **O** key to display the Option menu.
3. Hold down the Left **Shift** key and the Right **Shift** key. While these are held down, press the **↵** key to display the Options 2 menu.
4. Press the **↵** key to choose AUTO ID.
5. Press the **←** key. You will see AUTO ID OFF.
6. Press the **Menu** key to leave the Options 2 menu.

Auto ID will remain off until you turn it on again. Follow the above steps to turn on Auto ID.

Note: When Auto ID is off, it will not send tones. This means that an emergency service such as 911 will not hear Auto ID tones to detect your TTY call.

Handset volume (amplification)

The handset volume setting has three levels: minimum, medium, and maximum. When you press the **Vol** key, you will see MIN, MED, or MAX on the display. Each time you press the **Vol** key, you change the volume setting. After MAX, you go back to MIN again. The volume setting returns to MIN 30 seconds after you hang up.

Using an external printer

The Uniphone 1140 can be used with any centronics/parallel printer, letting you print your TTY conversations and auto-answer messages. These types of printers are available at office supply stores. A special cable is required in order to use an external printer. The cable is available only through your dealer or Ultratec.

2 CALLING

There are two ways to call someone with the Uniphone 1140. You can call by voice telephone or by text telephone (TTY).

A voice call using the Uniphone 1140 is the same as with any other telephone: pick up the handset, dial, and listen for a ring or busy signal.

A TTY call using the Uniphone 1140 is the same as with any other TTY: turn on the TTY, dial a telephone number, and wait to read a response on the display.

Making a voice telephone call

1. Pick up the handset.
2. Dial the telephone number using the number keys.
3. Go ahead with your conversation.
4. Hang up the handset when you are finished.

Redialing

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

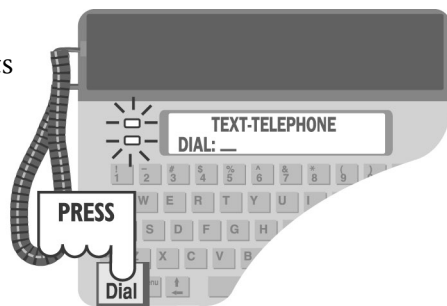
Answering a voice telephone call

1. The Uniphone 1140 will ring and the flasher will blink when someone calls.
2. Pick up the handset.
3. Go ahead with your conversation.
4. Hang up the handset when you are finished with the conversation.

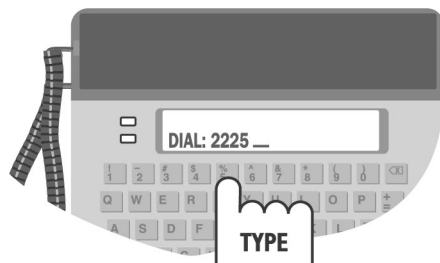
Making a TTY call

1. Press the **Dial** key. Both the power and signal lights will come on.

(Pressing the **Dial** key turns on the TTY. You do not need to press the **TTY On/Off** key).



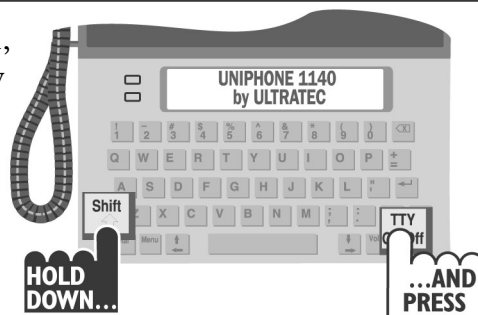
2. Type the telephone number. The Uniphone 1140 dials as you type. If you make a mistake while dialing, hang up (hold down **Shift** and press **TTY On/Off**) and start over.



3. Watch the display and signal light for a ring signal. When you see an answer on the display, type a greeting.



4. When your call is finished, 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:

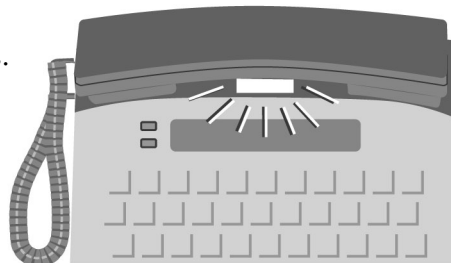
Signal light	Display	Telephone line
Stays on		dial tone
Slow flashing	RING	ringing
Quick flashing	BUSY	busy
Flickering		person picking up handset or speaking

Dialing tips

- To re-dial the last number called, press the **Dial** key and then the **↩** key.
- In an office, use a 9 or another number for an outside line. The exact method of dialing will depend on your telephone system. Dialing with a TTY should be the same as dialing a voice call.
- For long distance, include a 1 and the area code.
- Use an exclamation point (!) for a hook flash. A hook flash is used in a voice mail system or to transfer a call.
- Use a comma (,) to place a two-second pause during the dialing sequence.
- You cannot use * and # with pulse dialing.

Answering a TTY call

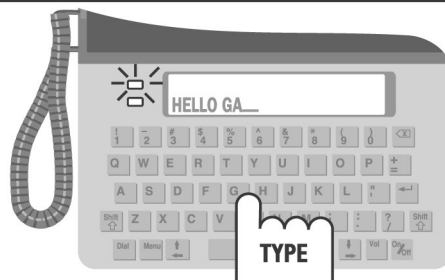
1. The flasher blinks when the Uniphone 1140 rings.



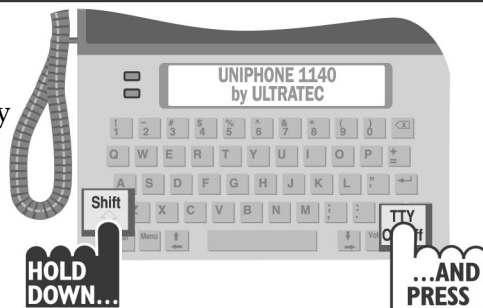
2. Turn on the Uniphone 1140 by pressing the **TTY On/Off** key.



3. Type a greeting.



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



Using the greeting message

Your Uniphone 1140 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.

Personalizing the greeting message

You can change the greeting message to say anything you want (up to 240 characters). To change the greeting message, do the following:

1. Press the **Menu** key.
2. Press the **G** key to select GREETING.
3. Press the **E** key to select ENTER. The display says ENTER GREETING MESSAGE.
4. Type your greeting message. Use the **CX** key to correct any typing mistakes.
5. When you are finished, press the **←** key. The display says GREETING MSG SAVED.

Note: You can read the greeting message by pressing the **Menu** key, the **G** key, and then the **R** key. Use the **↑** or the **↓** key to read the message. Press the **Menu** key when you finish.

Clearing the greeting message

1. Press the **Menu** key.
2. Press the **G** key to select GREETING.
3. Press the **C** key to select CLEAR.
4. Press the **Y** key to clear the greeting message. You will see THE GREETING MESSAGE HAS BEEN CLEARED on the display.
Press the **N** key if you decide not to clear.

CHAPTER

3

ADVANCED CALLING

This chapter describes how to read the TTY conversation memory, how to make a Voice Carry Over (VCO) call, and several other features that can make your calling easier and more enjoyable. For the basics of making and answering calls, see Chapter 2.

About the Fastdial directory

The Fastdial directory can store 10 telephone numbers that you use often. Each Fastdial entry has an entry number (0-9) assigned to it. The Fastdial entry number appears on the left side of the display.



After you save a telephone number, the Uniphone 1140 will dial the telephone number from memory.

Emergency numbers

The **[8]**, **[9]**, and **[0]** keys are marked with police, safety, and fire symbols. You can save your local police department, emergency service, and fire department numbers at these entry numbers.

Note: You may choose to store emergency numbers in memory locations marked with police, safety, and fire symbols. However, using Fastdial with these symbols is provided only as a convenience. Ultratec assumes no responsibility for customer reliance upon this memory feature.

Using Fastdial

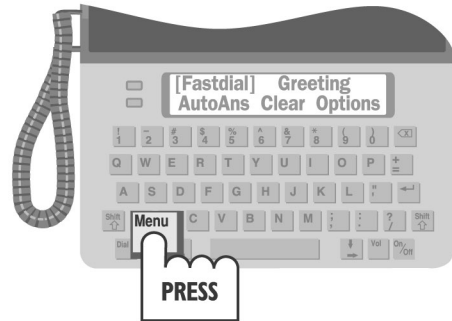
The Uniphone 1140 dials a Fastdial number from memory saving you time when making a call. You must save a number in the Fastdial directory before you can use this feature. To make a call using Fastdial, do the following:

1. Press the **[Menu]** key.
2. Using the number keys, press the Fastdial entry number that you want to call.

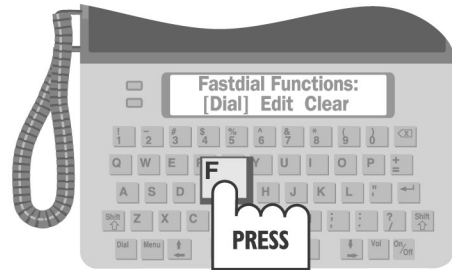
Note: If you see FASTDIAL NUMBER__IS EMPTY, use the **[↑]** or the **[↓]** key to find the number you want to call. Press the **[↵]** key to dial the telephone number.

Saving a Fastdial number

1. Press the **Menu** key.



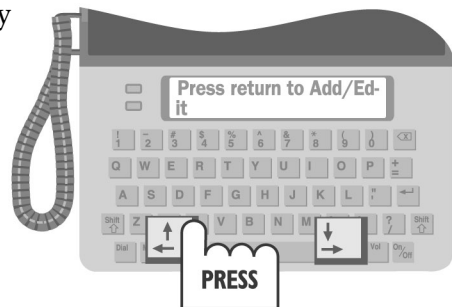
-
2. Press the **F** key to select FASTDIAL.




-
3. Press the **E** key to select EDIT.



-
4. Press either **↑** or **↓** key to choose the entry number you want.

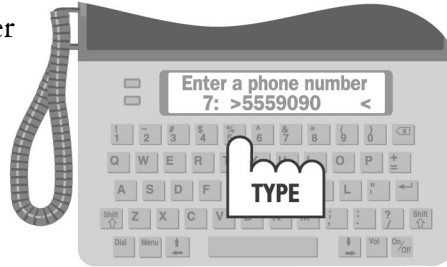



-
5. Press the  key to select the entry number.



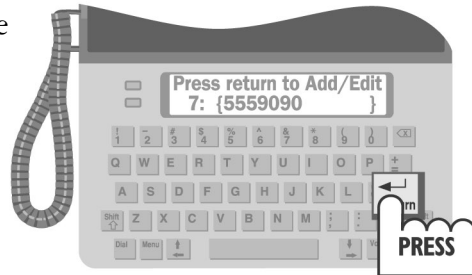
-
6. Type the telephone number using the number keys.


You may use the following symbols: () - * # , !. These symbols will not appear when you dial.

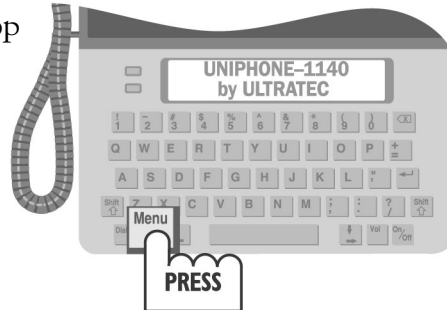


-
7. Press the  key to save the number.

Repeat steps 4-7 to save additional telephone numbers.



-
8. Press the  key to stop saving Fastdial numbers.



Editing or clearing a Fastdial number

You can edit a Fastdial entry at any time. To edit an entry, do the following:

1. Press the **Menu** key.
2. Press the **F** key to select FASTDIAL.
3. Press the **E** key to select EDIT.
4. Press the **↑** or the **↓** key to find the entry you want to edit.
5. Press the **←** key to select the entry.
6. Use the **←** or the **→** key to move the blinking cursor over the number that you want to change.
7. Type the new number and press the **←** key when you are finished editing the entry.
8. Press the **Menu** key when you are finished editing.

Note: You can move the blinking cursor to the end of an entry by pressing the **→** key, and then press the **⌫** key to erase the entry.


Clearing a Fastdial number

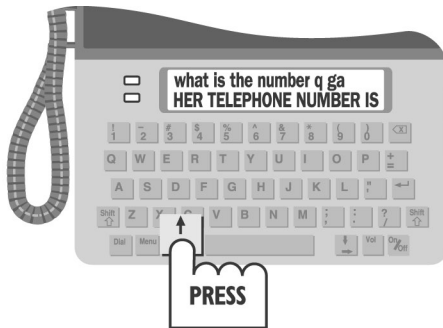
You can clear a Fastdial entry at any time to make room for a new number. To clear an entry, do the following:


1. Press the **Menu** key.
2. Press the **F** key to select FASTDIAL.
3. Press the **C** key to select CLEAR.
4. Use the **↑** or the **↓** key to find the entry you want to clear.
5. Press the **←** key to select the Fastdial entry.
6. Press the **Y** key to clear the Fastdial entry.
Press the **N** key if you decide not to clear the Fastdial entry.
7. Press the **Menu** key when you are finished.

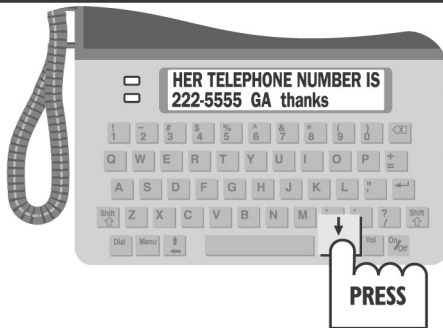
Reading TTY conversation memory

A conversation is everything you or the other person type during a call. Conversations are saved one after another in the Uniphone 1140 conversation memory, which holds about 2,000 typed characters. When the memory fills up, the Uniphone 1140 erases the oldest conversations to make room for the newer ones.

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 end of memory when you are finished.

Note: You can review conversations any time you are not receiving text, including during a conversation.

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. To clear the conversation memory, do the following:

1. Press the **Menu** key.
2. Press the **C** key to select CLEAR.
3. Press the **←** key. The display says CLEAR CONVERSATION MEMORY [YES] NO.
4. Press the **Y** key to clear the memory. Press **N** key if you decide not to clear it.

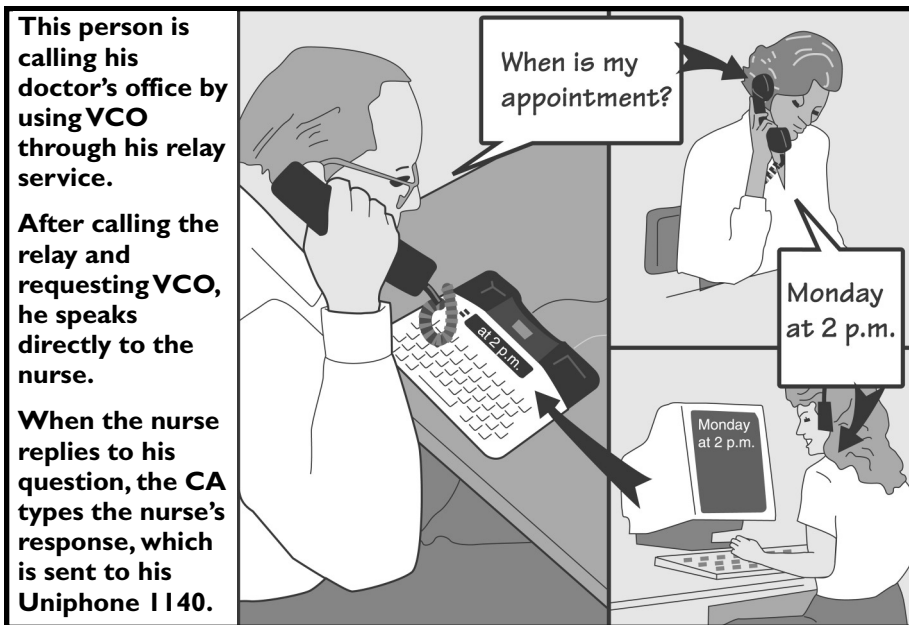
Using Voice Carry Over (VCO)

People who cannot hear well but wish to speak for themselves can make Voice Carry Over (VCO) calls. A VCO call is a combination voice call and TTY call—you speak and read responses and the other person listens and types. The Uniphone 1140 is ideal for VCO calling because it is a combination voice telephone and TTY.

VCO calls can also be made through a toll-free relay service. When you use relay, you speak to the non-TTY user and the Communication Assistant (CA) types spoken replies that you can read on your Uniphone 1140 display.

You can find the number to your relay service in your telephone directory.

Note: The Uniphone 1140 cannot translate voice messages into text by itself.



Making a VCO call using a relay service

1. Press the **[Dial]** key and type the relay number using the number keys.
2. When the relay Communication Assistant (CA) answers, press the **[Menu]** + **[V]** keys to send a VCO request automatically. You will see VCO PLEASE GA on the display.
3. After the CA notifies you when VCO is ready, pick up the handset and tell the CA the number and person you want to call.
4. The CA dials the number. Watch the display and wait until the CA tells you the call is connected.
5. Begin speaking to the person you are calling.
6. When the other person answers, read his or her response on the Uniphone 1140 display. (The CA types the response.)
7. When you see GA at the end of a line, begin speaking again. Continue speaking and reading until the conversation is finished.

8. When you are finished, replace the handset and hang up the Uniphone 1140 by pressing the **[Shift]** key and the **[TTY On/Off]** key at the same time.

You may hold the handset for the entire VCO call. You do not need to put the handset down each time you finish speaking. The Uniphone 1140 automatically turns off the handset when it receives TTY signals and turns it on again when you speak.

About direct VCO

A direct VCO call means that you speak to the other person and he or she types responses back to you. You do not use a relay service for a direct VCO call. The person you call must have a TTY available in order for direct VCO to work.

Making a direct VCO call

1. Press the **[Dial]** key and dial the telephone number.
2. Watch the display for a greeting.
3. Pick up the handset and press the **[Menu]** + **[V]** keys to send a VCO request automatically. You will see VCO PLEASE GA on the display.
4. Begin speaking to the other person.
5. When you finish speaking, watch the display to read the other person's response. Continue speaking and reading until your conversation is finished.
6. When you are finished, replace the handset and hang up the Uniphone 1140 by holding down the **[Shift]** key and pressing the **[TTY On/Off]** key.

Answering a direct VCO call

1. When the Uniphone 1140 rings and the flasher blinks press the **[TTY On/Off]** key and type a greeting.
2. Watch the display for a response.
3. When VCO is requested, pick up the handset to either speak or listen.
4. Speak and read or listen and type responses.
5. When you are finished, replace the handset and hang up the Uniphone 1140 by holding down the **[Shift]** key and pressing the **[TTY On/Off]** key.

Using Hearing Carry Over (HCO)

For people who can hear but are speech impaired, the Uniphone 1140 can be used to make HCO calls. HCO is the opposite of VCO. The caller types to the other person (or relay service CA) and then listens to the other person's reply.

Making an HCO call

1. Press the **[Dial]** key. You will see the following display screen:



2. Dial the telephone number.
3. Pick up the handset and listen for a response. You will see **TEXT-TELEPHONE VCO** on the display screen.
4. After someone answers, type a greeting.
5. Continue to listen and type until your conversation is finished.
6. When you are finished, replace the handset and hang up the Uniphone 1140 by holding down the **[Shift]** key and pressing the **[TTY On/Off]** key.

Note: If you make a direct HCO call (without relay), the person you call must have a TTY to read your typed message.

Using the timer

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

Busy redial

When a telephone number is busy, the Uniphone 1140 can redial that number for you. It will redial the number up to 15 times. The ring flasher will blink when the telephone number is no longer busy. To turn on busy redial, do the following:

1. Dial a number. If you are calling by TTY, you will see **BUSY** on the display. Also, the signal light will flash quickly.
2. Hold down the **Shift** key and press the **Dial** key. You will see **AUTO REDIAL 00** on the display. The Uniphone 1140 will redial the number each minute. The display will show how many times the Uniphone 1140 has redialed the number.
3. The ring flasher will blink when the line is ringing. Pick up the handset (voice mode) or wait for an answer message on the display (TTY mode).

Press any key to stop busy redial.

4

AUTO-ANSWER

The Uniphone 1140 auto-answer feature answers the call when you are out and takes TTY messages.

The Uniphone 1140 answers a call by sending a TTY message that says YOU HAVE REACHED AN ANSWERING MACHINE, PLEASE LEAVE A MESSAGE GA. It then waits for the caller to leave a TTY message.

If the caller leaves a TTY message, a 1 is added to the number of messages on the display. The Uniphone 1140 hangs up after no characters are received for 45 seconds, and waits for the next call. When you have auto-answer messages, the flasher blinks every 10 seconds.

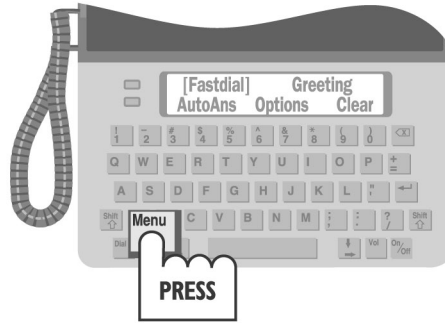
You can personalize the auto-answer message to say anything you want. You can also set the number of times the telephone rings before it answers the call.

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

The auto-answer memory can save about 4,500 characters.

Turning on auto-answer

1. Press the **Menu** key.

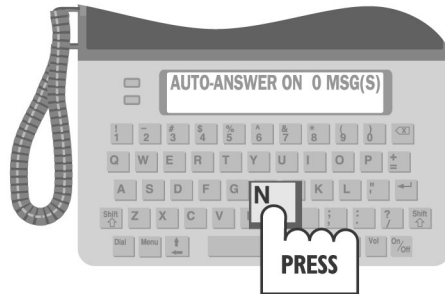


2. Press the **A** key.



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

You can also turn on auto-answer using its hot key: **Menu** + **N**.



Turning off auto-answer

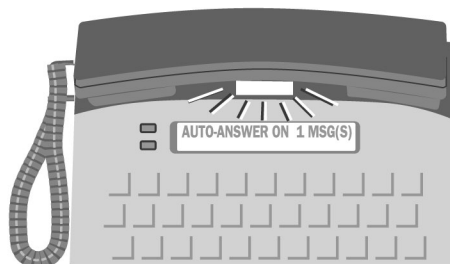
Press the **Menu** key to turn off auto-answer.

Interrupting auto-answer

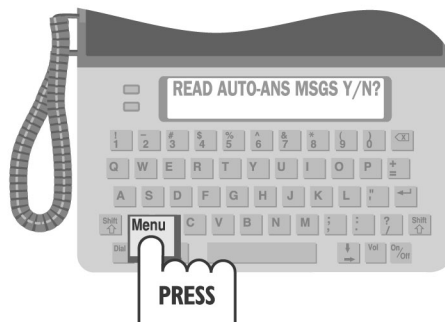
If you see the Uniphone 1140 sending the auto-answer message or receiving a message and you want to answer the call yourself, press any key. Auto-answer turns off and you can start your conversation. After the call, hold down **Shift** and press **TTY On/Off** to hang up. Auto-answer will turn back on.

Reading auto-answer messages

The flasher blinks when auto-answer is on and there are messages. The display shows how many messages you have received.



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



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



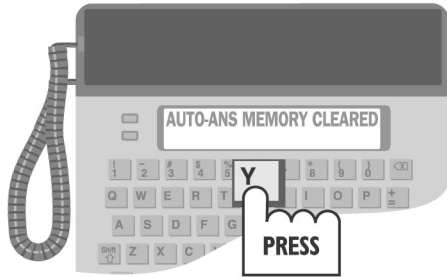
3. Press the **↑** or the **↓** key to read your messages.



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



-
5. Press the **Y** key to clear your auto-answer messages.
Press the **N** key if you decide not to clear.



You will see an **AA** symbol in the bottom left corner of the display if you do not clear your messages. This symbol means you have auto-answer messages in memory.

Clearing the auto-answer message

1. Press the **Menu** key.
2. Press the **A** key to select AUTOANS.
3. Press the **C** key to select CLEAR.
4. Press the **Y** key to clear the messages. You will see AUTO-ANS MEMORY CLEARED on the display.
Press the **N** key if you decide not to clear messages.

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 9. Follow these steps to change the number of rings:

1. Press the **Menu** key.
2. Press the **A** key to select AUTOANS.
3. Press the **G** key to select RING.
4. Press the **←** or the **→** key to choose the number you want or type the number.
5. Press the **↵** key.

Personalizing the auto-answer message

The Uniphone 1140 has an auto-answer message that says, YOU HAVE REACHED AN ANSWERING MACHINE, PLEASE LEAVE A MESSAGE GA. You can change this message to say anything you want up to 240 characters. To change the auto-answer message, do the following:

1. Press the **Menu** key.
2. Press the **A** key to select AUTOANS.
3. Press the **A** key to select AAMSG (outgoing message).
4. Press the **N** key to select NEW (new message).
5. Type your new message. Use the **✕** key to correct any typing mistakes.
6. Press the **↵** key to save your new auto-answer message.

This message will stay the same until you change it again or reset the Uniphone 1140. Resetting will return the auto-answer message to the original (default) message.

Reading the auto-answer message

You can read the auto-answer message that is sent out when you receive a call. To read the message, do the following:

1. Press the **Menu** key.
2. Press the **A** key to select AUTOANS.
3. Press the **A** key to select AAMSG (outgoing message).
4. Press the **R** key to select READ.
5. Use the **←** or the **→** key to read the auto-answer message.
6. Press the **Menu** key when you are finished.

Note: If you see a typing error in the auto-answer message, you can re-enter the message. See *Personalizing the auto-answer message* on page 39.

TROUBLESHOOTING

Dialing does not work.

Make sure you have the right dial setting (pulse or tone) selected for your Uniphone 1140. Make sure you are plugged into an analog telephone line. See Plugging in power and the telephone line on page 9.


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

Press the spacebar. The numbers and punctuation marks should change to words.

The Uniphone 1140 does not turn on when I press the key, or the Off-hook light blinks, even though the AC adapter is plugged in.

Be sure the AC adapter is firmly plugged in and the electrical outlet is working. If this does not solve the problem, the AC adapter or the Uniphone 1140 may have a problem. Contact your dealer or Ultratec.

The display on my Uniphone 1140 is blank when the AC adapter is plugged in.

Try pressing the  key or pick up the handset. The first time you plug in the Uniphone 1140, you must do this to turn the display on. You also have to do it after a power outage if you have not installed a battery.

The Uniphone 1140 works fine in the evening, but does not work during the day.

You may have plugged the AC adapter into a switch controlled outlet or electrical power strip. Make sure the switch or power strip is turned on.

My Uniphone 1140 does not ring when I get a call.

Be sure the ringer switch on the back of the Uniphone 1140 is set to Lo or Hi.

Some characters are not being sent.

Because Baudot code does not support special characters, it does not recognize some of the “shift” characters on the top row of a TTY keyboard (example: @ # \$ % ^ & * _ < >). To type these characters (such as in an email address) make sure your call is connected in Turbo Code (see *About Turbo Code*® on page 14).

Resetting the Uniphone 1140

If the Uniphone 1140 has power but is not working properly, you may be able to correct the problem by resetting it. Resetting the Uniphone 1140 returns all options to their original (default) settings and erases all conversations and auto-answer messages. To reset the Uniphone 1140, do the following:

1. Hold down the Left **[Shift]** key and the Right **[Shift]** key. While these are held down, press the **[Menu]** key. The display will give a version number and say RESET Y/N.

IMPORTANT! Everything in memory will be erased. There is no way to get the contents back after you reset the Uniphone 1140.

2. Press the **[Y]** key to reset. The display says TELEPHONE RESET. Press any other key if you change your mind and decide not to reset the Uniphone 1140.

Repair

If your Uniphone 1140 is not working properly, we can help you solve the problem over the telephone. Call the Ultratec Customer Service Department at (608) 238-5400 (V/TTY).

Sending the Uniphone 1140 for repair

If you need to send the Uniphone 1140 to our repair center, do the following:

1. Pack it in the original shipping carton or a similar sturdy box.
2. Include a note that describes the problem you are having. The note will help the technicians find the problem. Include a daytime telephone number where you can be reached.
3. Insure the Uniphone 1140 for shipment. Ultratec or an authorized Ultratec Repair Center is not responsible for damage during shipping to our service center.
4. Send the Uniphone 1140 to the following address:

**Ultratec National Service Center
5901 Research Park Blvd.
Madison, WI 53719
(608) 238-5400 (Voice/TTY)
(608) 238-3008 (Fax)**

STICKY KEYS

Ordinarily, to use a **Shift** key character, you must hold down the **Shift** key while you press another key. If you have trouble pressing two keys at one time, the sticky keys feature lets you still use the **Shift** key by pressing one key at a time.

To turn on sticky keys, pick up the handset or press the **TTY On/Off** key, and then press either **Shift** key five times. You will see **STICKY KEYS ON** on the display. (During a TTY conversation, press the **Shift** key 5 times to turn on sticky keys.)

Now you can type any uppercase letter or symbol as follows:

- press the **Shift** key and then press the **1** key to type **!**
- press the **Shift** key and then press the **4** key to type **\$**
- press the **Shift** key and then press the **5** key to type **%**

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

When the sticky keys feature is on, you can lock down the **Shift** key so that it affects every key that you press. The **Shift** key stays locked down until you unlock it again. To lock down the **Shift** key, press it twice. To unlock the **Shift** key, press it once more.

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

SPECIFICATIONS

Physical Dimensions

Size: 8.6" x 7.1" x 2.5"

Weight: 1 lb., 12.5 oz. with battery

Power

AC adapter: 9VDC, 650 ma
(barrel is positive)

Adapter is UL/CSA listed

9V battery backup for emergencies

Keyboard

52 easy-touch keys in 5 rows

Sticky keys for single-handed typists

Display

2-line LCD (2 x 24)

Contrast control and backlight

Communication Codes

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

Baudot Code:

45.5 baud

Sensitivity = -45 dbm

Output = -10 dbm

Turbo Code:

100 baud (average)

7 data bits

Memory

8K total, 9V battery-backed

Greeting message (240 characters)

Auto-answer message (240 characters)

2K TTY conversation memory

5K auto-answer memory

Direct Connect

Plugs into a standard (analog) telephone
line

Automatically answers TTY calls

Pulse or tone keyboard dialing

Fastdial

Redial

Approvals

FCC approved.

FCC Registration No. (Part 68):
D8KUSA-27009-DT-T

Verified to comply with FCC Part 15,
Class B operation

REN: 2.2B

CSA Certified: LR80395

IC: 721 9526A

FCC information

The Uniphone 1140 has been tested and found to comply with the specifications for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and uses radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the Uniphone 1140 and the receiver.
- Connect the Uniphone 1140 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. A label is located on the underside of the Uniphone 1140 containing, among other information, an FCC registration number, D8KUSA-27009-DT-T. If requested, this number must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the line may result in the devices not ringing in response to an incoming call. In most, but not all, areas the sum of RENs should not exceed five (5.0). To be certain of the number of

devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is 2.2B.

Should you experience trouble with this telephone equipment, please contact:

Ultratec National Service Center
5901 Research Park Blvd.
Madison, WI 53719
email: service@ultratec.com

For repair or warranty information, please contact Ultratec Inc. Customer Service at (608) 238-5400 (V/TTY). If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This equipment cannot be used on public coin phone service provided by the telephone company. Connection to party line service is subject to state tariffs.

If the Uniphone 1140 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But, if advance notice is not practical, the telephone company will notify you as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

Occasionally, your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the operation of your equipment. If so, you will be given advance notice of the change to give you an opportunity to maintain uninterrupted service.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of the Uniphone 1140 does not disable it. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Other than replacing the batteries, the Uniphone 1140 does not have any user-serviceable parts. Modification or changes to the Uniphone 1140 not expressly approved by Ultratec, Inc. can void your authority to operate the TTY.

Industry Canada information

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

NOTICE: The Ringer Equivalence Number (REN) for this terminal equipment is 2.2B. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

INDEX

A

- AC adapter, 9, 41, 45
- Abbreviations, *back cover*
- Advanced calling, 23-33
 - busy redial, 33
 - call timer, 33
 - clearing conversation memory, 29
 - conversation memory, 28
 - Fastdial, 24-27
 - Hearing Carry Over (HCO), 33
 - Voice Carry Over (VCO), 29, 30
- Amplification, 16, see also *Handset volume*
- Auto ID, 5, 15
 - with emergency services, 15
- Auto-answer, 5, 35-39
 - hot key, 11, *back cover*
 - interrupting, 36
 - memory, 35
 - personalizing message, 39
 - reading auto-answer message, 40
 - reading messages, 37-38
 - setting telephone rings, 39
 - turning off, 36
 - turning on, 36

B

- Battery, 5, 45
 - compartment, 6, 8
 - disposal, 4, 8
 - how long it lasts, 8
 - installing, 8
 - safety, 4

Baudot code, 14, 45

Busy redial, 33

C

- Call progress, 5, 20
- Call timer, 33
 - hot key, 11, *back cover*

Calling, 17-22

- answering a TTY call, 21
- answering a voice call, 18
- making a TTY call, 19
- making a voice call, 18

Cleaning, 3

Communications Assistant (CA), 29

Conversations, clearing, 29

Customer Service telephone number, 43

D

Dialing tips, 20

Display backlight, 11, 13

- hot key, 13, *back cover*

Display contrast,

- hot key, 11, 13
- setting, 12-13

Duplex jack, see *Y-jack*

E

External printing, 16

F

- Fastdial, 5
 - clearing a number, 27
 - directory, 24
 - editing a number, 27
 - emergency numbers, 24
 - saving a telephone number, 25-26
 - using, 24

Flasher, 5, 21

G

GA, inside *back cover*

- Greeting message, 5, 22
 - clearing, 22
 - hot key, 11
 - personalizing, 22
 - reading, 22
 - sending, 22

H

- Handset, volume setting, 16
- Hearing Carry Over (HCO), 33
 - making a call, 32
- Help key, 10
- Hot keys, 6, 11, *back cover*

L

- Lightning, danger, 4

M

- Main menu, 11
- Memory,
 - auto-answer, 35
 - erasing, 42
- Menu key, 11

O

- Option menu, 12, 14-15
- Options 2 menu, 14-15
- Overview, 6

P

- Parts list, 7
- Power,
 - problems, 41
 - connecting, 9
- Printing, 16
- Pulse dialing,
 - switch, 6
 - setting, 10

R

- Ready display, 9
- Redialing, 18
- Relay service, 30
- Repair, 43
 - shipping address, 43
- Resetting the Uniphone 1140, 42
- Ring volume switch, 6
- Ringer, 5

S

- Safety instructions, 3-4
- Set-up, 8-15
 - battery, 8
- Signal light, 19
 - connecting, 10
- SK, *inside back cover*
- Special characters {! " # \$ % ' - () *}, 14, 41
- Specifications, 45
- Sticky keys, 44

T

- Telephone calling, 5, 18
- Telephone cord, 9
- Telephone line,
 - connecting, 9
 - type, 9, 10
- Tone dialing, 10
 - switch, 6
- Troubleshooting, 41, 43
- TTY calling, 5, 19, 21
- Turbo Code, 5, 14, 45
 - indicator, 14
 - turning on/off, 14
 - using interrupt, 15

V

- VCO request,
 - hot key, 11, 30-31, *back cover*
- Voice Carry Over (VCO), 5, 29
 - direct calling, 31-32
 - with relay service, 30

Y

- Y-Jack 10

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 1140 hot keys and what they do:

- Menu** + **D** Adjusts the contrast of the display.
- Menu** + **L** Turns the display backlight on or off.
- 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** Sends the VCO request message: VCO PLEASE GA.

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