

# Cover



OREGON  
SCIENTIFIC

## ThermoDECT

Digital Cordless Phone  
With Outdoor Remote Sensor  
User Manual



TD 339

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## INTRODUCTION

Thank you for selecting the Oregon Scientific™ ThermoDECT cordless telephone as your personal communications device of choice. Your telephone is designed to give you many years of reliable service, and includes the following conveniences:

- Cool blue LCD backlight for caller ID, temperature, and in use/battery charging indicators.
- Indoor temperature display in Celsius or Fahrenheit degrees.
- Outdoor temperature display in Celsius or Fahrenheit degrees.
- Wireless and weather proof remote sensor.
- Recognition of up to 2 additional remote sensors for displaying individual room or outdoor temperature information.
- Additional remote sensors are sold separately.
- Caller ID display for up to ten pre-set numbers.
- An electronic telephone book capable of recalling up to 50 pre-set names and numbers.
- Recognition of up to four additional handset units for making intercom (handset to handset) and 3-way calls. Additional handsets are sold separately.
- Hands free speakerphone mode with microphone mute capability.
- Child-friendly baby monitor, emergency dial, keypad lock, and game play options.
- Adjustable ring tones, volume levels, language display, handset IDs, and low battery/out of range warning signals.
- Dual-time clock with alarm.
- Long-life, 10-hour rechargeable batteries for those conversations that go on and on.

Read on to learn how to set up and use your new ThermoDECT telephone system.

## KEY FEATURES

### The handset

#### 1 Clear/Phonebook/Mute button

- Press to view the previous menu or clear the last entered digit.
- Press to mute or un-mute the microphone.
- Press to view the phonebook.

#### 2 Down/Caller ID button

- Press to scroll through the Caller ID menu.
- Press to decrease earpiece or speakerphone volume.
- Press to review caller ID information.

#### 3 Phone button

Press to begin and end a telephone call.

#### 4 Speakerphone button

Press to turn the speakerphone off or on.

#### 5 Microphone

#### 6 R button / Flash

- Press to switch to another call.
- Press to access services if you are using a local network (PABX, Centrex, etc.)

#### 7 Keypad

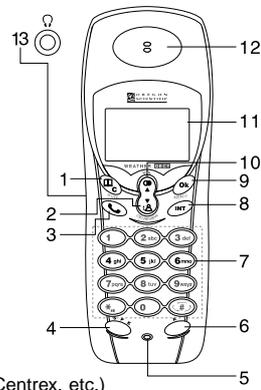
Keypad 0-9, \* and # buttons. Press to dial the number for the call or to enter text for phonebook entries.

#### 8 Intercom button

Press to make and terminate an intercom(handset to handset) call.

#### 9 OK button

Press to select or confirm a menu option.



**10 Up/Redial button**

- Press to scroll through the Caller ID menu or recall the last number dialed.
- Press to increase earpiece or speakerphone volume.

**11 Display****12 Earpiece****13 Headset jack****The base unit****Temp button**

Allows you to change the temperature displayed between up to 3 remote sensors or the indoor temperature.

Press and hold for a few seconds to initiate a search for available remote sensors.

**Page button**

Press to page the handset.

**Indoor / outdoor temperature**

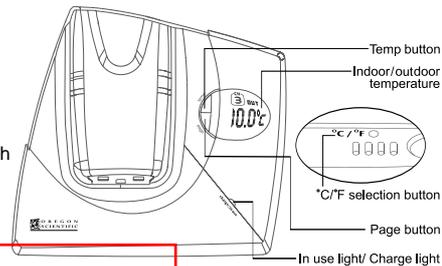
Displays the current indoor temperature in Celsius or Fahrenheit degrees or the temperature recorded at the remote sensor.

**In use /charge light**

- Lights steadily when a call is in progress.
- Lights steadily when the handset is charging.
- Flashes if a new messages or caller ID number has been received.

**°C/°F selection button**

Press the button at the back of the unit to switch between Celsius and Fahrenheit temperature display.

**SAFETY AND CARE INSTRUCTIONS****Caring for your telephone**

To ensure you receive the maximum benefit from using your telephone, please observe the following guidelines.

- Do not use benzene, thinner, or similar cleaning agents to clean your ThermoDECT phone, as these may cause permanent damage not covered by the warranty. Use a clean, damp cloth.
- Keep your ThermoDECT phone away from hot, humid conditions and direct sunlight.
- Do not attempt to repair the telephone yourself. Contact the retailer or an electrician if your telephone requires servicing.

**Safety precautions**

Please observe the following safety precautions when setting up and using your ThermoDECT telephone.

- Do not use your ThermoDECT phone in or near water. Using your telephone with wet hands, while standing in water, or in wet conditions (such as in the rain) can damage the unit and cause injury from electric shock.
- If the base unit falls into the water, do not attempt to retrieve it until you have unplugged the power source. Pull the unit out by its cord. Never reach into the water to retrieve the unit.
- Never use your ThermoDECT telephone out-of-doors during a thunderstorm. Unplug the base unit from the telephone line and power source when there are severe storms in your area. Damage caused by lightening is not covered by the warranty.
- Do not attempt to open or modify your telephone.

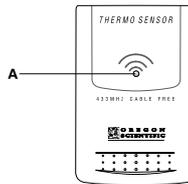
## SETTING UP YOUR TELEPHONE

### Unpacking the telephone

When you unpack your ThermoDECT phone, make sure to keep all the packing materials in a safe place, in case you need to later transport the phone or return it for servicing.

In the box, you will find:

- The ThermoDECT phone base unit
- The ThermoDECT phone cordless handset
- Two rechargeable batteries for the handset
- A 220-volt AC power cord
- A telephone line
- An attachable belt clip for the handset
- A remote temperature sensor
- Two regular batteries for the remote sensor



#### A. LED indicator

Flashes when the remote sensor transmits a temperature reading.

### Choosing a location for the base unit

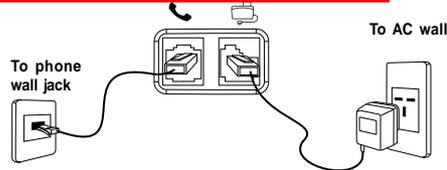
When selecting a location for your base unit, observe the following guidelines:

- Choose a location that provides easy access to a 220-volt AC power source. Never try to lengthen the power cord. Use an appropriate AC power cord for your local power supply.
- Choose a location that will allow the telephone cable to reach a telephone jack. You can use an extension jack or cable if necessary.
- Place the base unit as high as possible to obtain the maximum radio frequency range with the handset. You may need to try several locations – such as upstairs, or near a first-floor landing – to find the best range. Solid structures such as walls and doors may reduce the signal strength.
- Do not place the base unit near the sink, bathtub, or shower.
- Do not place the base unit near objects that may cause radio interference, such as another telephone, large metal objects such as a mirror or filing cabinet, or electrical appliance such as an electric stove, washing machine, microwave oven, television, and fluorescent lights.
- Do not place the unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight.
- The indoor temperature reading displayed is the temperature recorded at the base unit.

### Connecting the base unit

To set up the base unit:

1. Plug the small end of the telephone cord into the telephone socket located at the back of the base unit, as shown in the diagram to the right.
2. Plug the other end of the telephone cord into the telephone wall socket.
3. Plug the small end of the AC power cord into the power socket located at the back of the base unit.
4. Plug the other end of the AC power cord into a nearby AC wall socket.



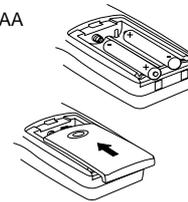
### Installing the handset batteries

Your ThermoDECT telephone is shipped with two rechargeable Ni-MH batteries (AAA size). To install the batteries:

1. Open the battery compartment located at the back of the handset.
2. Insert the batteries as shown in the diagram to the right, matching positive (+) polarity to positive, and negative (-) polarity to negative.

**Note:** Reversing the polarity may damage the handset.

3. Replace the battery compartment by sliding it in the direction shown by the arrow in the diagram to the right. The lid clicks into place when it is secure.



### Charging the handset batteries

You must charge the handset batteries for 15 hours the first time you use them. The battery icon on the handset display becomes progressively empty as the batteries become low. When the batteries are fully charged, the icon looks full and dark, as shown here . When the icon appears empty as shown here  or if you hear the warning beep during a call, please:

- End the call as soon as possible.
- Don't use the speakerphone mode since this consumes more energy than the normal talk mode.
- Put the handset back on the base unit for charging until the battery icon returns to high level.

To charge the handset, put it back in the base cradle with the keypad facing outwards. The blue **CHARGE** light on the base unit steadily lights to indicate that the handset is charging. When the battery indicator appears full, and the charge light goes off, the batteries are fully charged.

### Replacing the handset batteries

Rechargeable batteries may need to be replaced from time to time. If you find that you can no longer recharge the batteries, replace them with two new batteries of the same size (AAA) and type (rechargeable Ni-MH) following the instructions on page 6.

### Attaching the belt clip

To attach the belt clip to the back of the handset:

1. Slide the belt clip over the back of the handset until the ventilation holes are aligned.
2. Gently push the belt clip until it clicks into place.

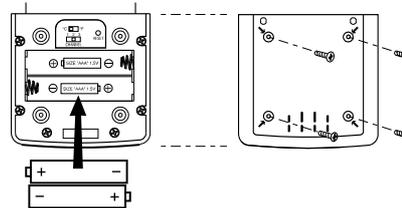
### Installing the remote sensor batteries

Your ThermoDECT telephone is shipped with two regular batteries (AAA size). To install the batteries:

1. Open the battery compartment located at the back of the remote sensor.
2. Insert the batteries as shown in the diagram to the right, matching positive (+) polarity to positive, and negative (-) polarity to negative.

**Note:** Reversing the polarity may damage the remote sensor.

3. Replace the battery compartment by sliding it in the direction shown by the arrow in the diagram to the right. The lid clicks into place when it is secure.



### Replacing the remote sensor batteries

The batteries may need to be replaced from time to time. Replace them with two new batteries of the same size (AAA) and type following the instructions on above.

## USING YOUR TELEPHONE

### Before you start

When you first set up your unit, you may hear an out of range beeping tone and see the words **Base 1** flashing on the handset display area. This is normal, and means that the handset needs to synchronize with the base unit before you can use it. Hold the handset near the base unit for a few seconds until the handset display stops flashing.

### Making a telephone call

To make a telephone call using the **Phone** button:

1. Press  to get the dial tone, then dial the number, OR
2. Dial the number then press .

To make a call using the **speakerphone**:

1. Press the  button to get the dial tone, then dial the number, OR
2. Dial the number then press .

**Note:** To switch to speakerphone mode while you are on a call, press the  button.

Once you place a call, the display on the handset will begin timing the call length after approximately 15 seconds.

### Correcting a dialling error

To correct a dialling error:

1. Press the  button to clear the digits one by one, OR
2. Continuously press the  button to clear all the digits at once.

### Redialing a number

To redial one of the last 10 numbers that you called:

1. Press the  button to view a list of the last 10 numbers you dialed.
2. (Optional) To scroll through the list of numbers, press  or  to scroll up or down.
3. Press the  button to call the selected number.

### Answering a telephone call

When you receive an incoming call, the handset will ring and flash **External call** on the display. If you are already on the line, you will hear a beep to let you know that you have a call waiting. (For more information about call waiting, refer to page 20 of this user manual.)

To answer a call:

1. Press , OR
2. Press the  button to use the speakerphone.

Once you answer the call, the display on the handset will begin timing the call length after approximately 15 seconds.

### Returning missed calls

If you subscribe for caller ID service through your telephone carrier your ThermoDect telephone can keep track of missed calls information for you. When you miss a call, the handset will display "New Calls" and the number of calls you missed. To review the call history (including caller ID), press the  button. To dial the number, press the .

### Ending a telephone call

To end a telephone call, press .

### Using the handset speakerphone

To use the handset speakerphone during a conversation, press the  button. The battery life for speakerphone mode is ~ 1 hour.

To turn off the speakerphone, press the  button again.

**Note:** To adjust the speaker volume, press  first and then  or .

### Muting the microphone

You can temporarily mute the microphone on your handset to prevent a caller from hearing a side conversation. To activate or deactivate the mute feature:

1. Press  to mute the microphone.

**Note:** The handset display shows the words **Secrecy on** while the microphone is muted. You cannot press any digits on the keypad until you return to normal listening mode.

2. To return the handset to normal listening mode, press  again.

### Paging the handset from the base unit

To locate a lost or misplaced handset, press the **PAGE** button on the base unit. This forces the handset to ring for 30 seconds. Once you locate the handset, press any key to end the page.

### Displaying caller ID information

If you have subscribed to caller ID service through your local carrier, your ThermoDECT telephone can display the name and number of a caller. To be displayed, the name must either be supplied by your network provider or entered in your phonebook. Your phone can track the caller IDs for up to 10 callers, along with the following information:

- Caller number (up to 20 digits).
- Caller name (up to 8 characters) if this is stored in the phonebook or supplied by your telephone network provider.
- The date and time of the last call made from the number.
- The number of calls made to the number.

To display caller ID information:

1. With the handset in standby mode, press the  button to view the list of caller IDs. A **No Entry Stored** message displays if there are no entries stored in the caller ID bank.
2. Press  or  to select the name you want to check. If there is no number available for the caller you select, a line (\_\_\_\_) displays on the handset. A warning tone sounds when you reach the end of the list.

**Tip:** To place a call to the number, press the  button while the number is displayed on the handset.

### Deleting caller ID information

To delete call information for a caller ID:

1. Repeat Steps 1 – 2 above to select the caller ID for which you wish to delete call information.
2. Press the  button.
3. Press the  button.
4. Select **Delete** from the options.
5. Press  to confirm, or  to cancel.

## USING THE TELEPHONE BOOK

Your ThermoDECT telephone can store up to 50 names and telephone numbers. Names are limited to 8 characters and numbers are limited to 20 digits.

### Programming the telephone book

To store an entry in the telephone book:

1. Press the button.
2. Press to select **Phonebook**.
3. Press to select **Add Entry**.
4. Enter the name using the chart below as a guide.

Key	1 <sup>st</sup> press	2 <sup>nd</sup> press	3 <sup>rd</sup> press	4 <sup>th</sup> press	5 <sup>th</sup> press	6 <sup>th</sup> press	7 <sup>th</sup> press	8 <sup>th</sup> press	9 <sup>th</sup> press
0	0	\$	&	%	/	\			
1	space	1	-	-	=	^	~		
2	A	B	C	a	b	c	@	2	
3	D	E	F	d	e	f	3		
4	G	H	I	g	h	i	4		
5	J	K	L	j	k	l	5		
6	M	N	O	m	n	o	6		
7	P	Q	R	S	p	q	r	s	7
8	T	U	V	t	u	v	8		
9	W	X	Y	Z	w	x	y	z	9
*	*	.	.	:	:	?	!		
#	#	<	>	[	]	(	)	{	}

**Tip:** Press the button to go back to the previous character. To scroll to the next character, press the button repeatedly.

**Example:** To enter the name "Anna", you would press 2, 6(x2), 6(x2), and 2.

5. Press to display the **Number** prompt.
6. Enter the number using the keypad, including any prefixes or country codes.
7. Press to display the **Stored** confirmation report.

**Tip:** To return to standby mode, press and hold the button.

### Recalling an entry from the telephone book

To make a call to a stored name and number:

1. Press .
2. Press or to select the desired entry.
3. (Optional) Press to check the number.
4. Press to place the call.

### Deleting an entry from the telephone book

To delete an entry from the telephone book:

1. Press the button.
2. Press to select **Phonebook**.
3. Press to select **Delete Entry**.
4. Press .
5. Press or to select the entry you wish to delete.
6. Press to display the entry.
7. Press again to confirm that you wish to delete the entry.

**Result:** The display shows the word **Deleted** to confirm that the name and number have been removed from your telephone book.

### Changing an entry in the telephone book

To change an entry in the telephone book:

1. Press the  button.
2. Press  to select **Phonebook**.
3. Press  to select **Edit Entry**.
4. Press .
5. Press  or  to select the entry you wish to edit.
6. Press  to display the entry.
7. Modify the name using the chart on page 9 as a guide.
8. Press  when you are finished to display the entry exactly as it will appear in your phone book.
9. Press  again to confirm the change.

**Result:** The display shows the word **Stored** to confirm that the change has been made.

## CHANGING YOUR TELEPHONE SETTINGS

### Setting the dial mode (pulse or tone dial)

Your ThermoDECT telephone is compatible with pulse-dialling (rotary) and tone-dialling (DTMF) systems. The default setting is DTMF mode. To set the dial mode:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Dialing mode** from the options.
5. Press .
6. Press  or  to select **Pulse** or **DTMF** mode.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Changing the handset ring tone

You have a choice of five ring tones for external incoming calls. To select a ring tone:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  to select **Ext. Melody** from the options.
5. Press .
6. Press  or  to select the desired handset ring tone. You will hear the melody for each tone unless you previously disabled the ring.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Changing the handset ring volume level

To change the volume level while the handset is ringing, press the  or  arrows.

To change the volume level while the handset is in **standby** mode:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  once to select **Ring Volume**.
5. Press .
6. Press  or  to select the desired handset ring volume. The ring volume level is progressively louder from level 1 to 5.
7. (Optional) To turn off the handset ringer, select **Volume Off**.
8. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Changing the earpiece volume level

To change the volume while you are **on a call**, press or until you reach the desired level.

To change the volume level while the telephone is in **standby** mode:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  or  to select **Ear Volume** from the options.
5. Press .
6. Press  or  to adjust the volume up or down. The earpiece volume level is progressively louder from level 1 to 5.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Turning the low battery warning signal off or on

When the batteries for your handset become low, you will hear a warning tone whenever you use the telephone. To turn the warning signal off or on:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Select **Warning Tones** from the options.
5. Press .
6. Press  to select **Low Battery** from the options.
7. Press .
8. Press  or  to select **off** or **on**. You will still hear a warning tone if the batteries become low while you are talking on the telephone.
9. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Turning the out of range warning signal off or on

You will hear an out of range warning signal whenever you begin moving outside of the range for the base unit. To turn this warning signal off or on:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Select **WarningTones** from the options.
5. Press .
6. Press  to select **Out of Range** from the options.
7. Press .
8. Press  or  to select **off** or **on**.
9. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Turning the key tone feature off or on

Each time you press a key on your handset, you will hear a tone. To turn this feature off or on:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Select **WarningTones** from the options.
5. Press .
6. Select **Key Press** from the options.
7. Press .
8. Press  or  to select **off** or **on**.
9. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Turning the auto-answer feature off or on

The auto-answer feature allows you to answer a telephone call as soon as you remove the handset from the cradle in the base unit. The default for this setting is **on**. If you would prefer to answer your calls by pressing the  button, you can change this setting. To turn the feature off or on:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  to select **Auto Answer** from the options.
5. Press  to select **off** or **on**.
6. Press  to confirm your selection.

### Setting the handset display language

The default language for the handset display is English. To change the language:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  to select **Language** from the options.
5. Press .
6. Press  or  to select the preferred language.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Using your telephone with a PABX or local telephone network

You can use your ThermoDECT telephone with a PABX (Private Automatic Branch Exchange) or local telephone network. Use of your telephone with a modern system does not require special adjustment; however, with certain older systems, you may need to insert a pause between the prefix and the rest of the number.

To set up a prefix:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **PABX setup** from the options.
5. Press .
6. Press  again to select **Code 1** from the options.
7. Enter the security PIN for the base, followed by the prefix. For more information about the security PIN, refer to the next section.  
**Example:** The security PIN for John's ThermoDECT telephone is "0000". To dial an external number in his PABX, he must dial "9", and then the number. John would enter "0000" and "9" for this step.
8. Press  to confirm your entry.
9. (Optional) Repeat Steps 6 - 8 to set up a second prefix.

**Tip:** To return to standby mode, press and hold the  button.

To select a pause duration:

1. Follow Steps 1 – 5 above to enter the **PABX setup** menu.
2. Press the  button to select **Pause setup** from the options.
3. Press .

**Tip:** To return to standby mode, press and hold the  button.

### Changing the security PIN

Your ThermoDECT telephone is shipped with the security PIN (Personal Identification Number) set to "0000". You can change this to any 1-8 digit PIN you choose. The security PIN is used for resetting the system and identifying the telephone in a PABX (Private Automatic Branch Exchange) or local telephone network.

To change the security PIN:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **PIN code** from the options.
5. Press .
6. Enter the new PIN number. The PIN number will not show on the display for security reasons.
7. Press  to confirm the change.

**Tip:** To return to standby mode, press and hold the  button.

### Resetting your telephone system

Resetting the system clears all information that you have stored on your telephone – such as telephone book entries, caller ID history, and the baby call (emergency call) number – and returns your ThermoDECT telephone to its default settings (shown on page 29). There are two ways to reset the system – with a security PIN, and without a security PIN.

To reset the system with a security PIN:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Default** from the options.
5. Press .
6. Enter your security PIN number. If you enter the wrong PIN number, an **Error** message displays.
7. Press . A confirmation melody sounds from the handset, and the system resets and flashes the word “Base” on the handset. Hold the handset near the base unit for a few seconds until it finds the base.

To reset the system without a security PIN:

1. Slide the battery lid off the back of the base unit.
2. Remove the handset batteries.
3. Press and hold the  button.
4. Insert the batteries into the handset, then release the button. The word **Default** displays on the handset to confirm the system has been reset.
5. Slide the battery lid back onto the unit until it clicks into place.
6. Press  to reset the system or  to cancel .

### USING MULTIPLE HANDSETS

You can register up to four additional handsets and three additional base units to expand your ThermoDECT telephone system. Additional handsets and base units are sold separately. Handsets are shipped with a charge adapter for recharging their batteries.

**Note:** This ThermoDECT telephone is compatible with most major modern DECT (Digital Enhanced Cordless Telecommunications) telephones. If you already have a DECT system, check to see if the systems are compatible by registering a handset to both base units.

### Managing multiple handset and base unit registrations

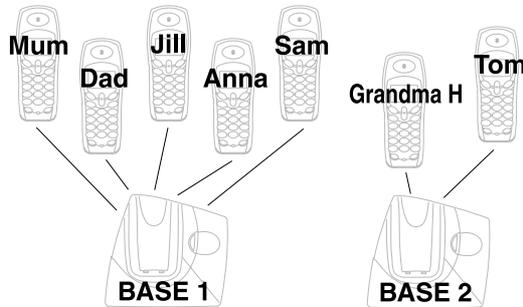
A base unit can carry a maximum of 5 handsets on its network. You can make intercom, 3-way, baby monitor, and transfer calls between handsets that are registered to the same base unit, but not to handsets that are registered to a different base unit. Consider the following example.

**Example:** The Harris household has seven members: Mum, Dad, Jill, Anna, Sam, Grandma H, and Tom. Each person has their own handset. Because the family has more than five handsets, they own two base units. The following diagram shows how the handsets are registered.

With this set-up, anyone in the household can make or answer telephone calls. Mum, Dad, Jill, Anna and Sam can make transfer, 3-way intercom, and baby monitor calls to one another, but not with Grandma H or Tom. This is because Grandma H and Tom are on a different sub-network, or base unit, than the others. They can make these types of calls between themselves, but not with anyone not registered to base 2.

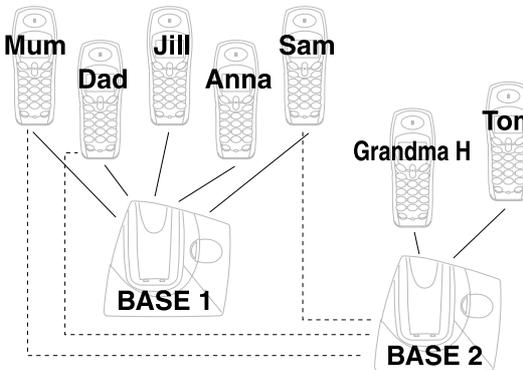
Thus, if Mum answers an incoming call for Tom, and wishes to transfer it, she must do one of the following:

1. Give Tom her handset.
2. Ask Tom to use one of the handsets registered to base 1, then transfer the call to that handset (for instructions, refer to pages 19-20).
3. Take the caller's name and number and ask Tom to call back.



More long term, Mum can cross-register up to 3 handsets from Base 1 with Base 2. That way, any of the 3 cross-registered handsets can fully interact with both sub-networks. The following diagram illustrates this set-up:

1. There are 5 handsets registered to each base unit. No more additional handset can be added unless one is removed.
2. Mum, Dad, and Sam can use the call transfer, 3-way conference, intercom, and baby monitor features with anyone in the household.
3. Anyone in the household can use these features with Mum, Dad, and Sam.
4. Jill and Anna cannot use these features with Tom or Grandma H, but they can with Mum, Dad, and Sam.
5. Tom and Grandma H cannot use these features with Jill and Anna, but they can with Mum, Dad, Sam, and one another.



As you add handsets and additional base units to your ThermoDECT telephone, it is important to remember the following concepts.

1. Each base unit can carry a maximum of 5 handsets, and keeps a record of which handsets have been registered to it.
2. Each handset keeps a record of which base unit(s) it has been registered to. A handset can be cross-registered to up to 4 base units.
3. You may need to reset the registrations as you reorganize your telephone system. There are several types of registration procedures, as follows:

<u>Procedure</u>	<u>Type</u>	<u>Use this when:</u>
A. Remove a handset registration	Simple	You are replacing a handset or discontinuing its use (see page 17).
B. Register a new handset	Simple	You are adding a new handset to a base unit that has > 4 registrations (see next section).
C. Clear all handset registrations	Complex	You are reorganizing your network (see page 17).
D. Clear all base unit registrations	Complex	You are reorganizing your network (see page 17).

### Registering a new handset

The original handset you received with your base unit is automatically registered the first time you set up your ThermoDECT telephone. You can add up to four additional handsets by registering them with the base unit. Handsets are numbered 1 to 5.

To register a new handset:

1. On the base unit, press and hold the **PAGE** button until the blue **In Use** light flashes.
2. Press the **OK** button on the handset that you wish to register.
3. Press **▽** to select **Registration** from the options.
4. Press **OK**.
5. Press **Ⓢ** or **▽** to select a base unit number that does **not** have a check mark (✓) next to it. (Checked numbers have already been registered.)
6. Press **OK** to display the **PIN Code?** prompt.
7. Enter the security PIN for the handset. The default PIN code is "0000". For more information about security PIN codes, refer to page 14.
8. Press **OK**.

**Result:** The handset display will flash the words **Base Search** until it locates the base unit. Once it finds the base unit, the base ID number will display on the handset. The base ID number is the unique identifying number for your base unit. You do not need to record or remember this number unless you are trying to register your handset to the base unit of another telephone system.

9. Press **OK** to end the registration session.

### Removing a handset

To remove a handset from your ThermoDECT telephone system:

1. Press the **OK** button on a handset that you do **not** intend to remove.
2. Press **▽** to select **Setup** from the options.
3. Press **OK**.

4. Press  to select **Remove HS** from the options.
  5. Press .
  6. Enter the security PIN for the handset. The default PIN code is "0000". For more information about security PIN codes, refer to page 14.
  7. Press .
  8. Press  or  until the number for the handset you wish to remove is highlighted.
- Tip:** The handset number is shown on the display when it is in standby mode.
- Note:** You cannot remove the handset that you are using.
9. Press .
  10. Press  again to confirm your selection.

#### Clearing all handset and base unit registrations.

If you have registered numerous handsets and base units in your ThermoDECT telephone system, you may experience problems registering new handsets as your system becomes more complex. Remember that a single base unit can carry a maximum of 5 handsets, and that you cannot make intercom, 3-way, baby monitor, or transfer calls between handsets that are registered to two different base units (refer to the diagram on page 15 for a description). To clear all registrations and reorganize your telephone system, perform the following procedures. You will have to re-register the handsets and base units after you clear the system (refer to page 14 for instructions).

To reset the registration information for a handset:

1. Remove the batteries.
2. Press and hold the  button.
3. Insert the batteries and close the battery compartment.
4. Release the  button. The handset display will flash the word **TEST** and sound with a melody.
5. Press the **5** key. The handset will show the words **Not registered** on the display.
6. Repeat Steps 1-5 to reset all the other handsets.

To reset the registration information for the base unit:

1. Unplug the base unit from the AC power source.
2. Press and hold the **PAGE** button
3. Plug in the base unit. The blue **charge/in use** light will flash.
4. Release the **PAGE** button after the blue light flashes three times.
5. Reregister all the handsets following the procedure on page 16.

#### Assigning a name to a handset

You can assign an 8-character name for each handset. The name you assign will display on the LCD display area for the handset whenever the phone is in standby mode. To assign a name:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  to select **Handset Name** from the options.
5. Press .
6. Enter the new name for the handset using the chart on page 9 as a guide. Press the  button to delete the current entry. The maximum length for the name is 8 characters.
7. Press  to confirm your selection.

**Note:** The handset number will display after the assigned name. For example, if you named handset 2 "Sally", it will appear as "Sally 2". The number cannot be changed.

**Tip:** To return to standby mode, press and hold the  button.

### Setting a default base unit (multiple base units only)

If you cross-register your handset with more than one base unit, you can choose which base unit the phone will connect with when making or receiving calls. The default setting is for each handset to connect through the first base station it finds within range. However, if you wish to specify a particular base unit for a handset, you can change the setting using the instructions below.

To set a default base unit for a handset:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Base** from the options.
5. Press  to display the number of handsets registered with the current base.
6. Press  or  to select the base unit with which you wish to associate the handset.
  - To choose a specific base unit, place a mark [✓] next to the number that corresponds to the base unit through which you wish to connect. For example, if you wish to connect the handset through Base Unit 2, place a mark [✓] next to **2**.
  - To auto-select the first base unit within range, select **Automatic**.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Checking the base ID of your handset (multiple base units only)

If you associate more than one base unit with your ThermoDECT telephone system, you may need to check the base ID for your handset from time to time.

To check the base ID for your handset:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Base ID** from the options.
5. Press  to view the base ID.

### Setting handset ring priority

Ring priority allows you to set one handset to ring before others start. To turn the handset ring priority off or on:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Ring Priority** from the options.
5. Press .
6. Press  to set the ring priority to **off**, **on**, or **Def. Priority**.
7. Press .

8. (Optional, if you selected **Def Priority** in Step 6) Press  or  to select the handset for which you wish to set ring priority.
9. Press .
10. Press  or  to select the number of rings you want this handset to ring ahead of the other handsets.
11. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Making an intercom call

If you have more than one handset registered with the base unit, you can make an intercom call between two handsets. To make an intercom call:

1. Press the  button on your handset.
2. Enter the handset number (1 – 5) that you wish to page.  
**Result:** The handset you selected rings. Your handset number flashes on the LCD display area to let the recipient know it is an internal call.
3. (Optional) To answer the call, press the  button.
4. (Optional) To end the call, press the  or  button.

### Changing the ring tone for an intercom call

You can change the ring tone for an intercom call to differentiate internal from external calls. To change the ring tone:

1. Press the  button.
2. Press  to select **Handset Menu** from the options.
3. Press .
4. Press  to select **Int. Melody** from the options.
5. Press .
6. Press  or  to select the desired melody.
7. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Making a 3-way conference call

If you have more than one handset registered with the base unit, you can make 3-way conference calls between an external call party and two internal handset holders. To make a 3-way conference call:

1. Establish contact with the external party by either placing a call to that person, or answering an incoming call.
2. Press  to make an intercom call to another handset.
3. Enter the handset number that you wish to page.  
**Result:** The handset you paged rings. The internal party can answer the call by pressing the  button.
4. Press and hold the  button for approximately 2 seconds, until you see the word **Conference** flash on the display and hear a confirmation beep.  
**Result:** All three parties are connected into the call, and can talk together.  
**Tip:** You can end a 3-way conference call exactly as you would any other call. Just press the  button.

### Using the call waiting feature

If you receive an external call while you are talking to someone through the intercom, you will hear a call waiting tone. To answer the incoming call:

1. Press the  button to terminate the intercom call.

**Result:** The external call rings.

2. Press  again to answer the external call.

### Transferring calls between handsets

You can transfer an external call from one handset to another if you have registered more than one handset with your ThermoDECT telephone. To transfer a call:

1. During a telephone conversation, press the  button to place the caller on hold.
2. Enter the handset number (1 – 5) to which you wish to transfer the call.

**Result:** The handset you paged rings, with **EXT** and **INT** flashing on the LCD display. The internal party can answer the call by pressing the  button.

3. (Optional) Hang up the telephone to transfer the call once someone answers. If no one answer, press  to terminate the page and return to the caller.

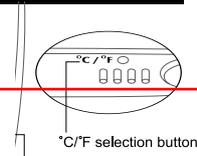
### MONITORING THE TEMPERATURE

The temperature is shown on the handset display area, and on the LCD display for the base unit. You can choose to display the temperature in celsius or Fahrenheit degrees.

#### Changing from Celsius to Fahrenheit

To change the temperature display, insert an unfolded paperclip into the °C/°F hole located on the underside of the base unit, as shown in the diagram on this page. Gently push to toggle the temperature display from one unit of measurement to the other.

You can choose to display the Indoor temperature as measured at the location of the base unit.



#### Monitoring the Indoor Temperature

The LCD display on the base unit shows you which temperature reading is displayed on both the base and handset.

To select the Indoor Temperature, press the “Temp” button until “IN” appears on the base display. The base and handset now display the Indoor temperature. It may take a few minutes for the handset display to be updated.

#### Monitoring the Outdoor Temperature

In order to monitor the outdoor temperature, the remote sensor must be placed outdoors. The remote sensor will take about 30 minutes to acclimatize to the outdoor environment.

To select the Outdoor temperature, press the “Temp” button until “OUT” appears on the base display.

If there is no temperature reading displayed, continue to press the “Temp” button until the temperature is displayed together with the “OUT” icon.

**Note:** Your Thermo DECT supports up to 3 remote sensors. Each one occupies one of 3 channels.

If you cannot find a remote sensor on one of the 3 channels please go to the section “Searching for the Remote Sensor”.

**Suggestion:** Place up to 3 Remote Sensors in important areas of your home such as the Baby’s Room, Wine Cellar, Greenhouse. Additional remote sensors are sold separately.

### Searching for Remote Sensor

To initiate a remote sensor search, press and hold the "Temp" button for a few seconds. The base unit will begin to search for all available remote sensors.

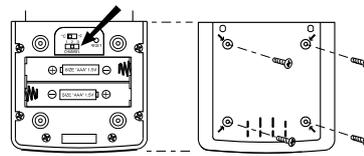
**Note:** The batteries must be installed in the remote sensor and be in good working order.

The search may take up to 3 minutes.

The remote sensor should be less than 10m from the base.

### Changing the Remote Sensor's Channel

The wireless remote sensor uses Radio Frequencies to communicate with the base station. As such the communication link can be subject to interference. If you suspect interference is causing a communication problem for your remote sensor you can change the channel it communicates on.



- Take off back cover
- Change channel
- Replace cover
- Perform search on base by press and hold Temp.

## SETTING AND USING THE HANDSET CLOCK

You can change the following time and date settings for the clock display on your handset:

- Time – 12- or 24-hour clock display
- Date – DD/MM (Date/Month) or MM/DD (Month/Date) display
- Current date and time

If you have multiple handsets, you only need to set the time and date on one handset. The alarm can be set for each handset separately.

### Selecting 12- or 24-hour display

To change the handset hour display format:

1. Press the **OK** button.
2. Press **⏮** to select **Setup** from the options.
3. Press **OK**.
4. Press **OK** again to select **Clock Setting** from the options.
5. Press **⏮** to select **Hour Format** from the options.
6. Press **OK**.
7. Press **⏮** to select **12** or **24** hours.
8. Press **OK** to confirm your selection.

**Tip:** To return to standby mode, press and hold the **MUTE** button.

### Changing the date format

To change the handset date display format:

1. Press the **OK** button.
2. Press **⏮** to select **Setup** from the options.
3. Press **OK**.
4. Press **OK** again to select **Clock Setting** from the options.

5. Press  to select **Date Format** from the options.
6. Press .
7. Press  or  to select **DD/MM** (Date/Month) or **MM/DD** (Month/Date).
8. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Changing the date and time

To change the date and time on the system clock (e.g. all handsets):

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  again to select **Clock Setting** from the options.
5. Press  again to select **Time Setting**.
6. Press the keypad digits (0-9) to input the date and month.
7. Press  to confirm the date and month, and to enter the time setup mode.
8. Press the keypad digits (0 – 9) to input the hour and minute.
9. Press  to confirm your selection.

**Tip:** To return to standby mode, press and hold the  button.

### Setting the handset alarm

Your ThermoDECT handset comes with two independent alarms that you can set to ring at specified times. To set the alarm:

1. Press the  button.
2. Press  to select **Setup** from the options.
3. Press .
4. Press  to select **Alarms** from the options.
5. Press .
6. Press  or  to select **Alarm 1** or **Alarm 2**.
7. Press  to confirm your selection.
8. Press  or  to turn the alarm **off** or **on**.
9. Press . If you turned the alarm off in Step 8, you are returned to the Setup menu, and can exit by pressing the  button. If you turned the alarm on, proceed to Steps 10 – 11.
10. Press the keypad digits (0 – 9) to enter the hour and minute at which you want the alarm to sound. The alarm setting is always in 12-hour mode.
11. (Optional) Press the  or  keys to switch between AM and PM.
12. Press  to confirm when you are finished. A bell-shaped symbol shows on the lower right corner of the handset display when the alarm is set.

### Deactivating the alarm

When one of the alarms activates, the handsets rings with the page tone. To stop the alarm, press any key on the handset or the **PAGE** key on the base unit.

## USING THE CHILD-FRIENDLY FEATURES

Your ThermoDECT telephone includes the following child-friendly features:

- Keypad lock – locks the keypad to prevent small children from inadvertently placing calls.
- Baby call – calls a pre-set number (such as to a relative or the police) whenever any key is pressed.
- Baby sit – uses a second handset as a baby monitor to listen to your child's activities from another room.
- Games – converts the handset into a game console for playing the car and snake games.
- Remote Sensor – monitor baby's room temperature by placing the remote sensor in the baby's room.

### Locking and unlocking the handset keypad

You can temporarily lock the keypad to prevent small children from inadvertently placing calls. When the keypad is locked, a small key icon  will appear in the top right corner of the handset display area.

**Note:** When the handset keypad is locked, YOU CANNOT MAKE ANY CALLS, EVEN TO EMERGENCY NUMBERS.

To lock the handset keypad:

1. Press the  button.
2. Press  to select **Keypad lock** from the options that display.
3. Press .
4. Press  to select **Keypad lock on** from the options that display.
5. Press  to confirm your selection.

To unlock the handset keypad, repeat Steps 1-5 above. In Step 4, select **Keypad lock off**.

### Setting up the baby call (emergency call) feature

With this option, you can program your telephone to dial a single, pre-set number whenever any key is pressed. No other calls are allowed, including emergency numbers, unless you program the baby call feature to call an emergency number. There are two steps to using the baby call feature: first, set up the emergency call number, then activate the feature.

To set up the baby call **number**:

1. Press the  button.
2. Press  to select **Babycall** from the options.
3. Press .
4. Press  to select **Number** from the options.
5. Use the keypad digits (0–9) to enter the number (including any applicable prefixes or STD codes).
6. Press  to confirm when you are finished.

**Tip:** To reset the baby call number, repeat Steps 1 – 5.

To **activate** the baby call feature:

1. Press the  button.
2. Press  to select **Babycall** from the options.
3. Press .
4. Press  to select **Babycall on**. The phrase **Babycall** steadily shows on the handset display.
5. Press  to confirm when you are finished.

To turn **off** the baby call feature:

1. Press the  button two times.
2. Press  to select **off** from the options.
3. Press  to confirm your selection.

### Using the handset as a baby monitor (baby sit)

This feature allows you to place an intercom call between two handsets so that you can listen to the activities occurring in a second location. The handsets must be registered to the same base unit for this feature to work. To use this feature, first place the listening handset in monitor mode, then place an intercom call from another handset.

To place a handset in monitor mode:

1. On the handset that you want to act as the listening device, press the **OK** button.
2. Press **↓** to select **Monitor Mode** from the options.
3. Press **OK**.
4. Press **↓** to select **on** from the options that display. The handset display area shows the words **Monitor Mode** when this option is activated.

To place a call to a handset that is in monitor mode:

1. On the handset that you want to act as the receiving device, press the **INT** button.
2. Enter the handset number (1 – 5) that you wish to page. This number should correspond to the number of the handset that you placed in monitor mode.

**Result:** A call is placed between your handset, and the handset you placed in monitor mode. This allows you to listen to the activities occurring near the second handset. When you hang up the receiving handset, the connection is automatically disconnected.

To cancel the monitor mode, repeat the steps for placing a handset in monitor mode, above. In Step 4, select **off**.

### Playing the snake game

The goal of the snake game is to help the snake reach the eggs without running into a wall or turning back on itself. To start the game:

1. Press the **OK** button.
2. Press **↓** to select **Games** from the options.
3. Press **OK**.
4. Press **↓** to select **Snake** from the options.
5. Press **▲** or **↓** to select the game level. Game levels are progressively difficult from 1 (beginner) to 5 (expert).
6. Press **OK** to start the game.

To end game, press the **END** button.

Press the keys as shown below to move the snake in the desired direction:

Direction	Key
Up (↑)	2 or <b>▲</b>
Backward/left (←)	4 or <b>◀</b>
Forward/right (→)	6 or <b>OK</b>
Down (↓)	8 or <b>↓</b>

**Tip:** When the snake is moving, you only need to turn the snake to the left or right. If you move the snake backward, it will turn on itself, and end the game. There is no way to make the snake go faster.

### Snake game description

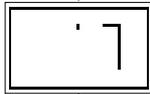


When the game starts, the snake is moving in the direction of the arrow.

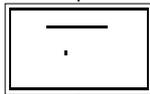


When the snake reaches the same row as the egg, press 4 or to turn toward the egg.

Press '4' key

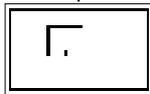


The snake turns left and is now moving toward the egg.



As the snake passes over the egg, the egg will move to a different location. Press 8 or to move the snake down.

Press '8' key



The snake is moving down when it reaches the same row as the egg. Press 6 or to turn right.

Press '6' key



The snake turns right and is moving toward the egg.

### Playing the car game

The goal of the car game is to clear all the dots without getting hit by the other car. To start the game:

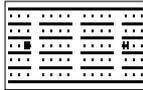
1. Press the button.
2. Press to select **Games** from the options.
3. Press .
4. Press to select **Car** from the options.
5. Press or to select the game level. Game levels are progressively difficult from 1 (beginner) to 5 (expert).
6. Press to start the game.

Press the keys as shown below to move the car in the desired direction:

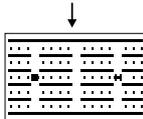
Direction	Key
Up (↑)	2 or
Break (→)	6
Down (↓)	8 or

**Tip:** You only need to use the (↑) and (↓) keys to navigate the car between the barriers. The (→) key acts as a break to reduce the car's speed.

### Car game description

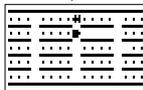


When the game starts, your car is moving to the left; the computer-driven car is moving to the right.

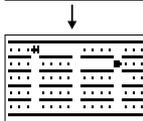


When you reach the gap, press **the appropriate key** to move to another row and avoid crashing into the computer car.

↓ Press '2' key



Press the keys to move between the rows as you try to clear all the dots. The computer car will try to crash into you as you proceed. Press **6** if you need to break.



Continue playing until you clear all the dots.

### TROUBLESHOOTING GUIDE

This section includes a list of frequently asked questions for problems you may encounter with your ThermoDECT telephone. If your telephone is not operating as you think it should, check here before arranging for servicing.

#### Problems turning on the telephone

##### “I cannot hear a dial tone or get the LCD display to work.”

Check to make sure the telephone is properly set up:

- Is the base unit plugged into the telephone line and AC power source? See page 6 for instructions.
- Is the AC power source turned on at the socket?
- Are the batteries properly installed in the handset? See page 6 for instructions.

If the problem persists, please contact our help line following the instructions on our website ([www.oregonscientific.com](http://www.oregonscientific.com)). Never attempt to repair or adjust the telephone yourself. This can cause damage to the unit, electrical shock, and may invalidate your warranty.

#### Problems making and answering calls

##### “I cannot make or answer calls.”

- Try moving the handset closer to the base unit.
- If this doesn't work, try a different position for the base unit following the instructions on page 6. Typically, the higher you place the base unit, the better the reception.
- The battery charge level may be low. The battery life shortens when you use the Speakerphone (handsfree) mode. Check the LCD display for the low battery warning signal . If the battery is low, place the handset in the charging cradle of base unit until the battery signal appears full.
- Check the power connection by switching off the power at the main socket, waiting a few seconds, then switching it back on.

**“When I press the phone button, I hear the busy tone.”**

You will hear a busy tone if the line is engaged with another handset that is registered to the same base unit. Check the LCD display area for the **EXT** symbol. This symbol indicates that someone else is already on the line.

**“When I press the keys on my handset, nothing happens. The display is showing the  symbol.”**

The  symbol means that the keypad lock feature has been activated. Refer to page 23 for instructions on how to unlock the keypad.

**“When I press the keys on my handset, digits appear on the display but I cannot make an outside call.”**

- You may have inadvertently activated the call barring function on this handset, which prevents calls from being placed.
- The handset may be unable to find the base unit. Try moving closer to the base unit. If the problem persists, try a different position for the base unit, following the instructions on page 6.
- If you have registered additional handsets to the same base unit, make sure they are not already on a call. The LCD display on your handset will display the **EXT** symbol if the line is engaged.
- The dial mode setting may be incorrect. Refer to page 10 for instructions on how to set the dial mode.

**“My call was cut off when I went out of range of the base unit. Now I cannot use my handset.”**

Please move the handset closer to the base unit. You may want to consider moving the base unit to achieve a greater transmission range. Refer to page 6 for instructions.

**“I hear a tone while I am using my handset, and the battery symbol on the display looks empty.”**

The battery needs to be recharged. Put the handset into the charging cradle of the base unit until the battery symbol looks full . It may take up to 15 hours to fully recharge.

**“I just recharged the batteries, but I still get a warning that they are not charged.”**

The batteries may need to be replaced. Rechargeable batteries gradually lose their ability to be recharged as they get older. Replace the batteries with two rechargeable Ni-MH batteries (AAA size).

**“The handset does not ring when a call comes in.”**

- Check that you have not turned off the ringer volume level. Refer to page 11 for instructions.
- Check that the total REN value of all equipment connected to your telephone line is not more than 4. You may need to disconnect one or more telephones to see if this helps.

**“The caller display feature is not working”**

You must subscribe for caller ID services through your telephone network provider for the caller ID to display on your ThermoDECT telephone. Please check with your provider.

**“The caller display works but the caller’s name does not display even when I am sure the caller is using the same number that I entered in the phone book.”**

If the caller’s number does not exactly match what you have entered in your phone book, including the STD code and any prefixes, the phone book cannot match the name to the caller ID. Check the phone book to make sure the full number is stored there.

**“I pressed the phone button several times, but keep getting the busy tone and cannot get the blue LED light to display on the base unit.”**

Your handset may no longer be registered with the base unit. Unplug the AC power source from the

bottom of the base unit, then plug it back in. Press and hold the **PAGE** button until the blue **IN USE** light flashes. Then, follow the instructions on page 16 to re-register your handset.

**“I keep hearing a short beep on my handset, and the display is flashing the word ‘Base’.”**

Your handset may temporarily lose its synchronization with the base unit due to radio interference in your area. When this happens, you will hear a beep and see the word **Base** while the base unit switches to another channel to overcome the interference. You can move closer to the base unit to help reduce your telephone’s susceptibility to radio interference. If you do not wish to hear the beep tone, you can turn it off following the instructions on page 12.

**Problems with multi-handset use**

**“I’m having problems registering a new handset.”**

- Sometimes it helps to unplug and then reconnect your base unit to its AC power source before you start the registration procedure.
- Make sure you have selected a base number that is not already assigned. Choose a number that does not have a [✓] check mark next to it.
- You may have already registered 5 handsets to the base unit. If so, you will need to remove one or add another base unit before you can register the new handset.
- If you are replacing a faulty handset, make sure you have fully removed the faulty one before registering the new one. Refer to the instructions on page 16 for more information.
- If you are still experiencing problems, you may need to reset all the registrations, then start over. Refer to page 16 for instructions.

**“I cannot make a call.”**

Only one outside call and one intercom call can take place at the same time. Make sure no one else is already using the phone; if so, you will see the **EXT** symbol on the handset display area, and will hear the busy tone when you try to place a call.

**Problems with programming**

**“I changed the PIN, and I’ve forgotten the new one.”**

Please refer to page 14 for instructions on resetting the PIN number.

**“I tried to register a new handset, and now all the handsets are flashing “Base” and I can not use the telephone.”**

Reset your telephone, then try the registration process again. If you are still experiencing problems, reset all your handsets and base units following the instructions on page 16, then re-register the handsets.

**ADDITIONAL RESOURCES**

Visit our website to learn more about your ThermoDECT telephone and other Oregon Scientific products such as additional handsets and base units. Contact information for our team of customer service representatives is on the website.

**Website:** [www.oregonscientific.com](http://www.oregonscientific.com)

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### Weight Dimension

Base unit : 200g (without battery)      Base unit : 122 x 132 x 76mm (HxWxD)  
Handset : 102g (without battery)      Handset: 138 x 52 x 27mm (HxWxD)

### Technical details

Standard      Digital Enhanced Cordless Telecommunications (DECT)  
Frequency range      1880 to 1990 MHz (band width = 20 MHz)  
Channel band width      1.728 MHz  
Modulation      GFSK  
Speech coding      Adaptive Differential Pulse Code Modulation (ASPCM) at 32 kbit/s  
Communication range      Up to 300m in open space/ Up to 50m in building  
Base power supply      220V / 50Hz for the base  
Handset power supply      2 rechargeable batteries AAA, Ni-MH 600mAh  
Handset battery charging time      15 hours  
Operating time      Standby: 150 hours  
Talking : 10 hours (speakerphone off)  
Handsfree about 1 hour  
Operating temperature      0°C to 40°C  
Storage temperature      -20°C to 60°C  
Temperature monitoring range      0°C to 40°C

### Default Settings:

Language	English	INT melody	1	PIN CODE	0000
Handset name	HANDSET	Ring volume	3	Dial mode	DTMF
Low batt indicator	ON	Ear volume	2	Ring priority	none
Out of range indicator	ON	Phonebook	empty	PABX codes	none
Keyclick	ON	CLID list	empty		
Auto answer	ON	Redial list	empty		

### WARNINGS

Your ThermoDECT telephone has been designed to provide you with many years of reliable service. To ensure that you use the product safely and correctly, observe the following safety warnings:

- Your ThermoDECT telephone is dependent on AC power source for operation, and may not work during power and telephone outages.
- Certain types of rechargeable batteries, such as Ni-MH rechargeable batteries, may require special handling and disposal. Check with your local waste disposal authorities for instructions.
- Do not use your ThermoDECT phone in or near water, as this can cause damage to the unit and personal injury through electric shock.
- Do not use your ThermoDECT telephone out-of-doors during a thunderstorm. Unplug the base unit from the telephone line and power source when there are severe storms in your area.
- Do not attempt to open or modify your telephone.
- The product, specifications and contents of this user manual are subject to change without further notice.
- Figures and display examples in this user manual are for reference only, and may differ slightly from the actual product.



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