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Important safety information

This equipment is not designed for making emergency calls in the event of a power failure. Alternative arrangements should be made for access to emergency services.

This product is intended for connection to an analogue PSTN. (Public switched telephone networks) and private switchboards within the United Kingdom.

If you wear a Hearing aid you should note the **A110/C110** works by transmitting radio waves between base and Handset which may cause a humming noise.

People with a Heart pacemaker should consult their doctor before using this telephone.

1. Use only Vtech approved battery cells for the handset. Failure to observe this advice may void the guarantee. The use of incorrect batteries may create a risk of explosion.
2. There may be a slight risk that electrical storms could damage the **A110/C110**. We recommend that the telephone cord and mains plug be removed from your **A110/C110** during such weather conditions.
3. The **A110/C110** will produce a certain amount of heat during operation. For this reason it is recommended that this equipment is NOT placed in direct contact with

Antique, veneered or delicate furniture surfaces

4. This equipment is not suitable for use in damp or humid conditions such as bathrooms. Do not expose the equipment or batteries to fire or water.
5. Batteries should NOT be disposed of with normal household waste. Consult your local council or chemist for disposal advice.
6. Do NOT use this equipment in places where volatile or explosive materials may be present.
7. The **A110/C110** DECT telephone emits radio signals which could interfere with other electronic equipment, computers, radio, TV, clock radio alarms etc. A distance of at least 1 metre should be maintained between the **A110/C110** base station and other equipment. This will minimise the risk of such interference.
8. Do not clean the **A110/C110** with a dry cloth, which may cause static shock. Use a damp (not wet) cloth. Never spray cleaning fluids directly onto the case.
9. Take care to ensure the power cord is connected to the correct input socket on the **A110/C110** base.

Unpacking

Please check the box contents for completeness. If any parts are missing return complete box to your supplier.

Getting to know your telephone keypad

A110/C110 Handset

Telephone line cord

A110/C110 Base unit

Handset Batteries (2)

User Guide

Power Adapter

2 Wall fixing screws & plugs

Note: Keep your proof of purchase to support any guarantee claim. For your records:

Date of Purchase

Place of Purchase

Serial Number:

Getting to know your telephone keypad

Thank you for purchasing either the **A110** or the **C110** DECT telephone.

The **A110/C110** DECT telephone provides the convenience of cordless operation with high quality digital sound. It complies with the Digital enhanced Cordless Telecommunications (DECT) Standard and offers superior clarity and many technologically advanced features as well as an answering system on the C110.

It is possible to use up to 5 Handsets with each **A110/C110** Base station. Each handset may be linked with up to 4 different bases, to build up a comprehensive cordless DECT telephone system.

Study the following illustrations to ensure you are familiar with the function and position of the buttons and keys.

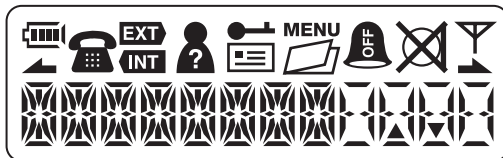


- | | |
|---------------------|--------------------------|
| Phonebook | Recall |
| OK/Ans Mac Mode | Headset socket (on side) |
| Handsfree | Intercom |
| Talk/Off | Redial |
| Cancel/Mute | Up CrosII/Menu mode |
| Page (on base unit) | Down scroll/CID |

Display indicators

Display indicators show you about the current status of operation of the handset.

When the telephone is ready for use, with no digits entered by the user, the display will show; the range indicator, the battery indicator, the handset identity number and the handset name/model number. This is called the **'STANDBY MODE'**



- | | |
|--|---|
|  Battery |  Ringer on/off |
|  Left scroll |  Mute |
|  Phone |  Signal indicator |
|  Ext/Int call |  Right scroll |
|  Keypad lock |  Down scroll |
|  Message |  Up scroll |
|  CID |  Menu |
|  Phonebook | |

The handset number will change between 1 & 5 depending on how many handsets are registered to the same base.

The handset name/model number on the display can be changed to a name or location of your choice, however it is limited to 8 characters.

Headset. Your headset is fitted with a socket (2.5mm) for a Headset. Headsets can be obtained from your helpline by mail.

Setting up your telephone

The Base Station is supplied with one handset pre-registered. The base can accept up to 5 handset registrations. When more than one handset is registered to a base INTERCOM (handset to handset) communication is possible. When 3 or more handsets are registered, two can be one an intercom call with the third on an external call.

Locating the Base Station.

The position in which you place the base station can have a significant effect upon the range and performance of your **A110/C110** DECT telephone.

Observe the following points:

- The base must be near to both a telephone socket and a mains electricity socket.
- Avoid placing base too close to large metal objects like filing cabinets, radiators or electrical appliances. This can impair the range.
- The power of the signal depends on the position of the base. The higher the base, the better. An upstairs room near to the centre of the house is preferred.

Buildings with thick internal and external walls of stone or granite may impair the transmission of the signals to and from the base.

Plug the lead from the adapter into the requisite socket on the Base Unit. Plug the power adapter into a convenient 13 AMP power socket. Turn on the mains power. The Base is now ready to receive the handset with batteries for charging.

Charge for at least 16 hours **BEFORE** you attempt to connect your telephone to the telephone line.

Setting up your telephone

Handset batteries

Before you can use your **A110/C110** DECT Telephone, the handset batteries have to be installed and fully charged. To do this the base station must be connected to the mains electricity supply using the power adapter supplied.

Installing the Handset batteries

The handset is powered by two AA size NiCad (Nickel Cadmium) batteries. Install these into the handset ensuring you observe correct polarity (the position of the +ve and -ve poles is marked on the case) and fit the battery compartment door. Use only Vtech approved rechargeable batteries. Failure to do so could result in batteries exploding whilst being charged.
New Image required

Charging the Handset

Place the handset on the base and leave until the handset batteries are fully charged or for at least 16 hours. The LCD display on the handset will show the progress of the charging cycle via the battery icon on the display. The battery symbol will feature a moving line whilst charging is in progress.

When all the charging cells are visible the battery is almost fully charged. When the battery symbol stops flashing, the battery is fully charged and may now be used.

The telephone is now ready for connection to the telephone network.

Warning: Your Base must be connected to the electricity supply at ALL times except when the product is not to be used for long period of time.

Battery low warning

When the charge remaining in the battery is low and charging is required, the battery icon will begin to flash (blink on & off).

In addition a warning beep will be sounded by the handset, even during a call. The beep indicates the handset is about to close down. Place the handset onto the charger or base and ensure the symbol continues to blink to confirm charging is in progress. Refer to the paragraph above for information concerning battery charge level.

Making calls

Pre-dial – allows you to check the dialling number is correct.

1. Key in the required number
2. Press if you enter an incorrect number, press
3. To end the call, press or replace the handset on the base.

Post Dial – allows you to connect to the network before dialling a number.

1. Press and wait for the dial tone
2. Dial the number required.
3. To end the call, press or replace the handset on the base.

Call Timer

Approximately, ten seconds after commencing a call the call timer will begin to count. After the call has ended the time of the call will remain on the display for five seconds approximately. This feature can be turned off if required, see handset menu section.

Adjusting the earpiece volume during a call

Use the SCROLL UP/DOWN keys to select the desired volume.

Receiving Calls

When an incoming call occurs, the Base and Handset will ring. If Caller Line Identity (CLI) service is available the

Handset display will show the caller's number. If the Caller's number is in your quick dial memory, the name is displayed instead of number

Handset on Base

1. Pick up the handset and the call will be connected automatically.
2. To end the call, press Handset

NOT on Base

As above but when picking up Handset, press to answer call.

Making calls

Range

If you are on a call and walk out of range of the base unit; the sound quality in the earpiece will degrade, warning beeps will be heard, and the range indicator will flash.

Note: On the fringes of the handset range, the range icon may be present on the display, but it is not possible to make or receive calls.

Hands-free calls

Your telephone handset can also make and receive speakerphone calls, allowing group conversations.

To make a speakerphone call

1. Press
2. Dial the required number
3. To end the call, press

To receive a call in speakerphone mode

1. Press
2. To end the call, press

To switch from a normal call to a speakerphone call

1. Press when the call is connected
2. Press SPEAKER again to return to a normal call

Muting your handset microphone during a call

If you wish to prevent the called party hearing you whilst you have a conversation with another person, press the CANCEL/MUTE button. Press the CANCEL/MUTE button a second time to cancel the mute setting.

Pause

For applications such as telephone banking, it may be necessary to insert a PAUSE into a dialling sequence, press and hold . P will be shown on the display for each pause.

Caller display

This feature is available only if you subscribe to the Caller Display service provided by your network operator.

Caller display allows you to see who is calling before you answer a call and to see who has called in your absence. Up to 20 incoming numbers can be stored in the call list. When the list is full, the oldest number will be deleted automatically. If a name and number has been stored in the phonebook memory, the name will be shown when the number calls.

When a call is received this symbol will appear on the display and the phone LED will flash on the base unit. When the list is reviewed these prompts will disappear.

1. Press the first name/number on the list will be displayed.

If a name is displayed, press OK to see the number

Press OK again to see the date and time of a call

If the display shows 'EMPTY' no calls are stored.

2. Continue to view the list using the Scroll and OK buttons.

3. Press CANCEL/MUTE key to return to standby mode.

To dial a number from the call list

1. Ensure the required name/number is visible on the display.
2. Press

To delete all numbers from the Call log

1. Enter handset menu and scroll to DEL CID.
2. Press OK twice.

To copy a number from the call list into the phonebook

1. Store the number in the phonebook memory (see Phonebook section, page 17)
2. Use the number edit procedure to add a name.

Setting Up

If you have purchased the C110, a digital answering system is available. The system is controlled by the handset(s) and offers up to twelve minutes of recording time.

To access the TAD (Answering System) menu:

Press twice

Press to enter the menu

Use the SCROLL keys to navigate

Use the OK button to confirm

Use the CANCEL/MUTE key to cancel/escape

The following functions are available within the TAD menu:

1. Pin Code: A 3-digits code (000 factory setting) is provided to stop unauthorised access to the TAD menu. It is recommended that this is changed to a number of your choice as this number is also used to access your answering system when dialling in remotely.
2. Ring Delay: Ring delay is used to set the number of rings heard before the system answers calls. There are two options: Economy mode (2 rings if new messages are recorded, 4 rings if no new message) Ring setting (2 rings to 7 rings, user selectable)

3. Emergency Number: A 3-digits code (111 factory setting) can be used to override any call filtering setting in the event of an emergency. (for Fire, Police, Ambulance, Coastguard) The base will ring for 8 seconds.

4. Filtering: a number of settings are available to filter calls.

SPK FILT (Speaker filtering)

Speaker Filtering enables all calls to be listened to on the first registered handset (handset #1). The handset speaker will be turned on when the OGM is played. When speaker filtering is activated on handset #1, all other handsets cannot answer any call.

FUL FILT (Full filtering)

Full Filtering allows the answering system to receive calls and take messages, but without ringing.

CID FLT1

CID Filtering 1 allows user to direct all calls to the answering system which will record messages but not ring EXCEPT one which can be the most important number in the phonebook.

CID FLT2

CID Filtering 2 allows all the calls to ring EXCEPT one number from the phonebook that is not allowed and will be directed to the answering system.

Answering system

Using your answering system

The answering system can be controlled by the handset(s) or by dialling in from a remote location.

Handset(s) mode

1. Press the display will show ANS MAC
2. Use the keypad digits as described below to tailor the setting to your personal preference.

(Suggestion to O'Neills tabulate this section??)

Note: Your C110 is supplied with one OGM (Ans & Rec) only.

It is important to record an OGM (Outgoing message) to your callers. OGM 1 is for normal call answering (Record mode) while OGM 2 allows callers to hear a pre-recorded message (Answer Only mode), but does not allow them to leave a message.

- Switch ON/OFF: press 8
- Play OGM1: press 6 & 1, press 6 & 1 again to stop recording (30 seconds max)
- Play OGM2: press 6 & 2, press 6 & 2 again to stop recording (60 seconds max)
- Record OGM1: press 9 & 1, press 5 to stop recording
- Record OGM 2: press 9 & 2, press 5 to stop recording
- Answer Record mode: press 7 & 1
- Answer Only mode: press 7 & 2
- Go back to previous message: press 1
- Play messages/repeat current messages: press 2
- Play the next message: press 3
- Play Memos: 4 & 1

- Record Memos: 4 & 2
- Stop playing: press 5
- Delete the current message: press 0
- Delete all message: press 9 & 0

NOTE: When you record your own OGM1 you delete the factory OGM1 which cannot be recovered.

Your AS will not time or date stamp ICMs unless you subscribe to CID service.

There is no parallel phone detect system so the AS will record calls if they are answered on another telephone on the same line.

Remote control

The answering system can be accessed when you are away from home.

1. Dial your number
2. When the system answers and you hear your OGM, key in [followed by the 3-digit PIN code (factory set 000), If the code is correct, you will hear 2 beeps. If three incorrect PIN codes are entered, the line will be dropped. There is also an 8-second timeout to drop the line between key inputs.
3. Use the table above to control the answering system
4. See page 14 for setting your personal REMOTE ACCESS PIN Code

Note: There is a 3 second busy tone inserted at the end of each incoming message. Messages can only be played back via the base speaker.

Messages can only be played back via the base speaker

If the Answering System is switched OFF

- Let the phone ring 10 times
- After 10 rings, the AS seizes the line and gives 2 beeps
- Key in the 3-digit PIN code
- If the code is correct, the recorded OGM will be played.
- AS will be turned on automatically and you can use the keypad to control the system.

Message Display

The handset display will provide information on the status of the answering system.

(Request to O'Neills round corners of display illustration?)

AS has one new message

AS has one old message

AS has no message

AS is full

Memory Full

If the memory is full the system will switch to answer-only mode automatically and not allow callers to leave a message. If an OGM2 is not recorded the answering system will not operate. If the memory becomes full in the middle of a message, the AS will give 2 beeps before hanging-up.

Changing your PERSONAL REMOTE ACCESS PIN Code

Press two times

Press OK two times

Key in old PIN (000)

Display prompts for NEW PIN, key in new PIN Press OK

Display prompts REPEAT, key in new pin again.

Press OK Handset beeps to confirm.

Please remember to record this new number safely where you can get to it away from home. You will not be able to access your answerphone messages away from home without this code.

Other handset features

Redial list

Your **A110/C110** will store the last ten numbers dialled automatically. One or all of the numbers can be re-dialled as required.

(Request to O'Neills can you produce an icon representing the key ?)

1. Press **DOUBLE CIRCLE** until the required number is visible on the display
2. Press **TALK** the number will be dialled automatically. (Request to O'Neills can you use icon for 'TALK'?)

To delete numbers from the redial memory, ensure the number is on the display and press **OK** twice.

Switching the Handset ON & OFF

The handset can be switched off, if it is not required to ring, however the base unit will ring.

To turn off: Press and Hold the **OK** key until the handset beeps and the screen goes blank

To turn on: Press and hold the **OK** key until the handset beeps, the display will show status once Handset has latched on to the base.

Note: The handset will not respond to **Paging** when switched off.

Paging the Handset(s)

Your base station has a page button. This button is used to send a signal to all registered handsets (provided they are switched on) and also to initiate the registration process for additional Handsets.

This feature is useful for locating mis-placed handsets.

To Page: Press and release the **PAGE** key. All active handsets will sound for 30 seconds.

To cancel: Press and release the **CANCEL** key on any handset.

It is recommended that you change the ring tone on the handsets to enable users to distinguish internal paging from external calls.

Belt Clip

A belt clip is mounted on the rear of the product. Using the clip the handset can be attached to a belt, trouser waist band, etc. This clip cannot be disconnected.

Headset Socket

Your telephone can be used with a suitable headset. A headset socket is located on the right hand side of the handset. When a headset is connected the microphone of the handset is muted automatically.

Additional Network Services

The **R (Recall)** button can be used to access additional network services. Contact your network operator for further details.

Other handset features

Menu System

Your telephone features a simple menu system with informative display messages. Four keys are used to navigate the menu.

SCROLL UP - Used to enter the menu mode and to scroll up within menus

OK - Used to enter sub menus and to confirm selections

CANCEL - Used to exit or erase incorrect settings

SCROLL DOWN - Used to scroll down within menus and access CID log

The main menu consists of the following sub menus:

PHONEBK

TAD MENU (only available with C110 models)

LANGUAGE

REGISTER

KEY LOCK

MONITOR

B SELECT

BASE

HANDSET

Note: When KEYLOCK is active no calls can be made . This includes emergency calls

PHONEBK = PHONE BOOK

Your **A110/C110** DECT telephone can store up to 40 of your popular numbers. This will allow you to retrieve the numbers and dial them with minimal key-strokes. Names up to 8 characters and up to 18 digits for numbers.

Storing names/numbers into the PHONEBOOK memory

1. Press SCROLL UP
2. Press OK
3. Press OK
4. Enter name (see text below)
5. Press OK
6. Enter number
7. Press OK
8. Continue to enter names and numbers or press SCROLL UP to access MELODY, DEL ALL, DELETE, EDIT menus or press CANCEL to return to standby mode.

When the edit mode prompts for a **NAME**, the alpha characters on the keys become active. A letter can be entered by repeatedly pressing of the relevant key. If you enter an incorrect letter, use the CANCEL/MUTE key to delete.

Example: to enter letter **R** in edit mode press the key **7** three times, repeated presses of the key will show succeeding letters and number.
If the key is not pressed for a few moments, the cursor

moves to the next position to the right, ready for the next letter to be entered.

The maximum number of characters for a NAME is 8.

Attempts to enter more than 8 will overwrite the eighth letter.

To view the names/numbers in the phonebook

1. Press display shows first name in memory
2. Press to scroll through the numbers
3. Press OK to view numbers if required
4. Press to escape or cancel

Dialling from your PHONEBOOK Memory

1. Press
2. Press or
3. Press

Editing or deleting a PHONEBOOK entry

To edit

1. Scroll to EDIT
2. Press OK
3. Press OK name/number
4. Press OK

To delete

1. Scroll to DELETE
2. Press OK
3. Press OK name/number
4. Press OK