

## **SC2050 Big Button Combo telephone**

**Big Button Corded phone with  
Digital Cordless Caller Display  
Telephone**

### **USER GUIDE**



# ***Binatone***

#### **Binatone Helpline**

The Binatone Help Line is available from 9.00 am to 5:00pm,  
Monday to Friday on

**0845 345 9677**

\*\*Please note that all calls are charged at local rate

**Important note:** The Corded Handset Phone can still make emergency calls if the mains power fails.

### **Important note - emergency calls**

The SC2050 Big Button Combo cordless handset is not designed for making emergency calls when the mains power fails. If you ever need to call Emergency Services during a power failure, use the corded base telephone, lifting the handset rather than using the speakerphone.

### **If you need help ...**

The Binatone Help Line is available from 9.00 am to 5.00 pm, Monday to Friday, on  
**0845 345 9677**

### **Unpacking your phone**

In the box are:

- one or more cordless handsets (depending on the system you have purchased)
- one base telephone (which is also the base unit for the cordless handset), including a corded handset
- a mains power lead and adapter for the base telephone
- a telephone line cable for the base unit telephone
- a rechargeable battery pack and a battery compartment cover for each handset
- depending on the system you have purchased, up to four charger pods, each with mains power lead and adapter attached

**Keep the packaging materials in a safe place in case you later need to transport the unit.**

**Keep your sales (till) receipt, which is your guarantee.**

### **Charging batteries for the first time**

Before you start to use your cordless telephone, make sure that the battery is fully charged for 15 hours.

## Where to find it - the cordless handset

### Earpiece

### LCD Display

### Left ◀/Recall button

Press to move up option lists.  
During a call, press to use the Recall function. You may need the Recall function if your phone is connected to a PBX.

### MEMORY □ button

Press to store numbers in the Phone Book, and to make calls to stored numbers.

### VOLUME ▲/MELODY button

Press and hold to change the handset ringer melody.  
Press to adjust the handset ringer volume.  
During a call, press to adjust the earpiece or speakerphone volume.

### CHARGE light

Comes on steadily when the handset battery is being charged.

### \*/Ringer ⚙ button

In idle mode, press and hold to turn the handset ringer on or off.

### Talk ☎ button

Press to make or answer a phone call.  
Press to end a call.

### CID ◀/Right ▶ button

In idle mode, press to review the Caller ID list.  
Press to move down option lists.

### DELETE DEL/Mute ☒ button

During a call, press to mute the mouthpiece.  
Press to delete an option or to clear digits from the display.

### Intercom ☎☎ button

Press to make an intercom to the base or another handset (if you have more than one handset).

### Handsfree ☎☎ button

During a call, press to switch the speakerphone on or off.

### #/Keypad lock 🔒 button

In idle mode, press and hold to lock or unlock the keypad.

### Last number redial 🔍/Pause P button

In idle mode, press to view the last 3 phone numbers you called.

In dialling mode, press to insert a pause (you may need this function if your phone is connected to a PBX)

## Where to find it - the base telephone

### MUTE button

Press during a call to mute the mouthpiece or microphone so the other person can't hear you.

### MEM (Memory) button

Press to store numbers in memory, and to make calls to the stored numbers.

### VOL+/SET RINGER MELODY button

During a call, press to increase the earpiece or speakerphone volume.

In idle mode, press and hold to program the base telephone ringer melody.

### IN USE light

Flashes when the telephone line is in use or the phone is ringing.

### PAGE/INTERCOM button

In idle mode, press briefly to make the cordless handset ring.

During a call, press and hold to make an intercom call.

### VOL-/SET RINGER VOLUME button

During a call, press to decrease the earpiece or speakerphone volume.

In idle mode, press and hold to program the base telephone ringer volume.

### M1, M2 and M3 one-touch memory buttons

For storing important numbers so you can make one-touch calls to them.

### RINGING light

Flashes when the phone is ringing for an incoming call.

### LAST NUMBER REDIAL/PAUSE button

In dialling mode, press to redial the last number you called.

### RECALL button

You may need this if your Big Button Combo is connected to a PBX, or if you use BT's Select Services.

### Speakerphone/Mute light

The light comes on when the speakerphone is in use, and flashes when you press the MUTE button.

### SPEAKERPHONE button

Press to make, answer or end a call using the speakerphone.

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### **GENERAL INFORMATION**

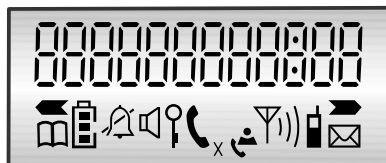
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













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### What the symbols mean

	<b>Signal level</b>	Comes on steadily when your handset is within range of the base unit. It flashes if you go out of range.
	<b>Intercom call</b>	Appears when you make an intercom call to another handset.
	<b>Memory</b>	Appears when you press the MEMORY  button to store a number in memory or to make a call to a stored number.
	<b>Ringer Off</b>	Indicates the handset ringer is turned off.
	<b>Caller ID (CLIP)</b>	Flashes when you have received new call/s. On steady when there are only old calls in the calls list.
	<b>Keypad lock</b>	Appears when the keypad is locked.
	<b>Battery charge</b>	When this shows nearly empty (  ), put the handset on the charger pod to charge the batteries. While the handset is on the charger pod, the bars on this symbol move continuously, even when the batteries are fully charged.
	<b>Phone</b>	On steady when the handset is on an outside call. Flashes when there is incoming ringing. The X appears when the microphone is muted.
	<b>Speaker-phone</b>	Appears when the Handsfree function is turned on.
	<b>Left/Right arrow</b>	When a number is too long for the display, these show that you can press the  or  buttons to scroll.

## Read these notes first

### Connection and conditions for use:

You can connect this phone to a direct exchange line (DEL) or to an approved compatible private exchange (PBX). Do not connect the Big Button Combo as an extension to a payphone.

The ringer equivalence number (REN) of all instruments (phones, fax machines, modems, etc.) connected to an exchange line must not add up to more than 4, otherwise one or more of them may not ring and/or answer calls correctly. The Big Button Combo REN=1, and most other telephones have a REN=1 unless otherwise marked.

### Choosing a site for the base unit and charger pod

#### If you have a Broadband line

If you connect your telephone to a line with a broadband connection, you will need to insert a microfilter between the telephone and the telephone line, otherwise you may get interference between the telephone and the broadband, which could cause problems.

In a home with broadband, every telephone must have a microfilter connected, not just the one at the telephone point that your modem is connected to. If you need more broadband microfilters, contact your broadband supplier.

The base telephone and charger pod(s) should be placed on a level surface, in a position where:

- the mains adapter plug will reach an easily accessible 230-V AC switched mains supply socket - **never try to lengthen the mains power cable**
  - the base unit's telephone line cable will reach your telephone line socket or extension socket (the charger pod does not have a telephone line connection)
  - it is not close to another telephone — this can cause radio interference
  - it is not close to a sink, bath or shower, or anywhere else where it might get wet.
- if the base comes into contact with liquids, disconnect from the mains power and the telephone line and use a soft cloth to dry it;
- if you believe that the liquid has seeped into the unit,





do not reconnect the base station. Follow the same procedure for your handset after removing the internal batteries.

- it is not close to other electrical equipment — fridges, washing machines, microwave ovens, fluorescent lights, televisions etc.
- it is away from hot, humid conditions and strong sunlight.

The base telephone can be **wall mounted** if you prefer, using the template supplied.

#### **Radio signals between handset and base unit**

To use your cordless handset and base unit (part of the base telephone) together, you must be able to establish a radio link between them. Be aware that:

- any large metal objects, like a refrigerator, a mirror, filing cabinet etc, between the handset and the base unit may block the radio signal.
- other solid structures, like walls, may reduce the signal strength.



#### **Interference**

If the sound quality gets worse as you move around while on a call, this is probably caused by interference between the cordless handset and the base unit, perhaps because you are too near to another phone or other electrical equipment.

Move to a different position to clear the interference. If you do not move, it might cause a short break or your call may be cut off.



#### **“Out of range” warning**

If you hear a warning tone during a call on your cordless handset, and the sound in the earpiece becomes faint or distorted, you may be going out of range of the base unit. Move nearer to the base unit within 20 seconds, until the warning tone stops. Otherwise, your call may be cut off.

#### **Mains power connection**

**IMPORTANT** - the Big Button Combo base telephone and charger pod must be used with the mains adapters supplied with them. Using any other adapter will result in non-compliance with EN60950, and will invalidate any approval given to this.



**Battery Safety  
- Cordless  
handset**

**ONLY** use the rechargeable battery pack supplied with the cordless handset.  
**DO NOT** use non-rechargeable batteries - they may burst and cause damage to your telephone.

**CAUTION:** Risk of explosion if replaced by an incorrect battery type. Dispose of used batteries according to the instructions.

Use only with Ni-MH AAA size 2.4V 500mAh rechargeable battery pack.

### **Installation and set-up**

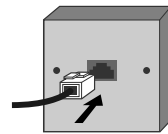
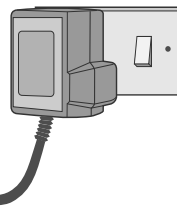
- 1 Choose a suitable location for the base telephone**  
See page 7



- 2 Connect the mains power lead and the telephone line cord into the base unit**

Use only the telephone line cord supplied with your Big Button Combo - do not use any other telephone line cord.

- 3 Plug the mains power adapter into a 230 V AC, 50 Hz mains socket, with the switch on the socket set to OFF**



- 4 Connect the base telephone to the telephone line**  
Insert the telephone line plug into the socket as shown.

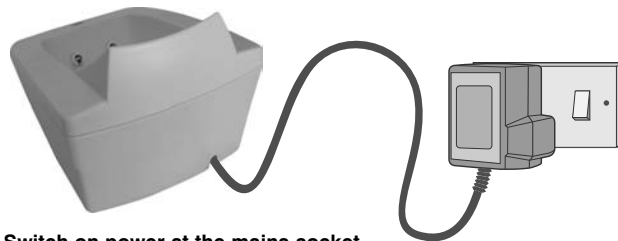
**NOTE:** the charger pod does not have a connection to the telephone line.

#### Installation and set-up

##### **5 Switch on power at the mains socket**

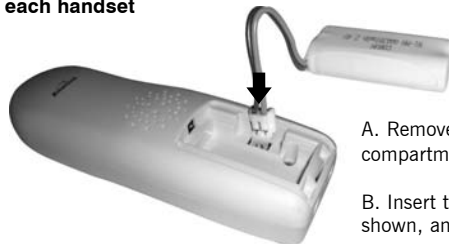
Make sure the mains socket is switched on if you want to use the cordless handset or the speakerphone - they will not work without electrical power

##### **6 Plug the charger pod's mains adapter into a 100-240 V AC, 50/60 Hz mains socket, with the switch on the socket set to OFF**



##### **7 Switch on power at the mains socket**

##### **8 Fit the battery pack in each handset**



A. Remove the battery compartment cover

B. Insert the battery pack as shown, and tuck in the wires

C. Slide the battery compartment cover into place, pressing firmly to make sure it is secure

## 5 Charge the battery pack for 15 hours before you use the cordless handset

Before you use the handset for the first time, it is important that you charge the batteries fully. You will hear a 'beep' when the handset is correctly positioned on the charging cradle.



**Leave the handset on the charger pod for 15 hours.** To keep the batteries charged, whenever you don't need to use the cordless handset (such as overnight, or when you go out), leave it on the charger pod.

The CHARGE light comes on



### Note:

Battery life depends on device usage. Therefore, it is recommended that you read the following.

- When the batteries are low, the cordless handset will display the corresponding icon . Place the handset back on the charger pod: the battery icon  will start scrolling.
- Use only original batteries and charge them only on the charger pod.
- Insert the battery pack properly as previously described.
- Do not dispose of the batteries in fire: this may cause an explosion.
- Do not expose the batteries to temperatures lower than -20 °C or higher than 60 °C; charge and use the batteries only in locations where the temperature is between 0 °C and 40 °C.
- Remove the battery pack from the compartment if the cordless handset is not used for a long period of time.

## BASE TELEPHONE



### Making and answering calls

While using the **base telephone** - when you're connected to the telephone line, the IN USE light flashes; when you're connected on a speakerphone call, the SPEAKERPHONE light is also on.

**To make a call**

1



**Lift the corded handset or press the SPEAKERPHONE button. Check for Dial tone**

2



**Dial the telephone number**

**To answer a call**

▶



When the phone rings:

**Lift the handset or press the SPEAKERPHONE button**

**To end a call**

▶



**Replace the handset or press the SPEAKERPHONE button**

Check that both the SPEAKERPHONE and IN USE lights are out.

**To switch between handset and speakerphone**

▶



While you're using the handset, to speak hands-free:

**Press the SPEAKERPHONE button - the speakerphone light will turn on, but the call will still be through the handset. Replace the handset - the call will then transfer to the speakerphone.**

While you're using the speakerphone, to speak privately:

**Simply lift the handset**

**Last number redial**

1



To make a repeat call to the last number you dialled:  
**Lift the handset or press the SPEAKERPHONE button**

2



**Press the REDIAL/P button**

## BASE TELEPHONE

## Making and answering calls

### To mute the mouthpiece or microphone



It is possible to deactivate the microphone during a conversation so you can speak without being heard by the other person on the call.

#### Press the MUTE button once

→ While the mouthpiece is muted and the handset is off hook or while the microphone is muted in speakerphone mode, the SPEAKERPHONE light flashes.

To get back to the call:

#### Press the MUTE button again

### To adjust the volume



To adjust the volume in the handset's earpiece or the loudspeaker in speakerphone mode:

#### Press the VOLUME +/- buttons

### Ringer volume



To adjust the volume of the base telephone's ringer. In idle mode (not busy on a call):

#### Press and hold the VOL-/SET RINGER VOLUME button to hear the current ring volume

#### Press the VOLUME +/- buttons to set your desired ring loudness

→ If there is no key pressed within 3 seconds, the function leaves the programming mode and the new ring volume will be saved automatically.

**Remark:** In case the volume level was initially set to "OFF", the base phone will still playback the volume 1 ringer when user tries to program the ringer volume again.

### Ringer melody



To change the base telephone's ringer melody, while the phone is idle (not busy on a call):

#### Press and hold the VOL+/SET RINGER MELODY button to hear the current melody

#### Press the VOLUME +/- buttons to set your desired ring melody

→ If there is no key pressed within 3 secs, the function leaves the programming mode and the new ring melody will be saved automatically.

## BASE TELEPHONE



### Memory dialling

The base telephone has:

- three one-touch memory buttons, M1, M2 and M3
- ten two-touch memory locations, 0 to 9

#### To store a phone number in memory

- 1
- 2
- 3
- 4



With the base telephone's handset **on hook**:

Press the MEM button

Key in the phone number

Press the MEM button again

Either press a one-touch memory button (M1, M2 or M3) to store the number in that button OR key in a memory location number (0 to 9)

#### To make a one-touch memory call

- 1
- 2



Lift the handset or press the SPEAKERPHONE button

Press a one-touch memory button (M1, M2 or M3)

#### To make a two-touch memory call

- 1
- 2
- 3



Lift the handset or press the SPEAKERPHONE button

Press the MEM button

Key in a memory location number (0 to 9)

## CORDLESS HANDSET



### Making and answering calls

When you make or answer a call using the **cordless handset**, the display shows the call's duration in minutes and seconds.

#### The handset's speakerphone



When you press the **SPEAKERPHONE** button you can listen without holding the handset to your ear.

You can press the **SPEAKERPHONE** button any time during a call to switch the speakerphone on and off; but you must press the **TALK** button to end a call.

#### To make a call



##### Key in the telephone number

If you make a mistake, press the **MUTE/DEL** button to clear digits one by one from the display. To clear all digits, press and hold the **MUTE/DEL** button.

**Press the TALK or SPEAKERPHONE button** (You can dial the number after you press the **TALK** button if you prefer, but you won't be able to correct any mistakes if you do it that way.)

#### To answer a call



When the handset rings:

**Press the TALK or SPEAKERPHONE button**

#### To end a call



**Press the TALK button so that the symbol disappears from the display**



## CORDLESS HANDSET

## Making and answering calls

### Last Number Redial



- 1
- 2
- 3

To make a repeat call to any one of the last **three** numbers you dialled:

**Press the Last Number Redial/P button**

→ The last number you dialled is shown on the display.

**If necessary, press the Last Number Redial button again until the number you want is shown on the display**

**Press the TALK or SPEAKERPHONE button to dial the number**

### To mute the mouthpiece

- ▶
- ▶

To put a call on hold, so that the person on the other end cannot hear you (but you will still be able to hear them):

**Press the MUTE/DEL button once**

→ While the mouthpiece is muted, is shown on the display.

To get back to the call:

**Press the MUTE/DEL button again**

### To lock the keypad

- ▶
- ▶

To lock the keypad so that no buttons can be pressed:

**Press the LOCK button and hold it for about 3 seconds until the appears on the display**

To unlock the keypad:

**Press the LOCK button and hold it until the disappears from the display**

## CORDLESS HANDSET

## Making and answering calls

### Earpiece volume



- 1
- 2

During a call, to adjust the volume in the cordless handset's earpiece or speakerphone:

**Press the VOLUME button**

→ The display shows the current volume level (1 to 5 ) as a number of small circles

**Press the VOLUME button repeatedly to cycle through the volume levels (1, 2, 3, 4, 5, 1, 2, etc.)**

→ The cordless handset will stay at this volume level until you change the volume again.

### Ringer volume

- 1
- 2
- 3

You have a choice of **five ringing volume levels**, or you can turn the ringer off altogether.

While the handset is idle (not busy on a call):

**Press the VOLUME button briefly**

→ The display shows the current volume level (Off, 1 to 5 ) as a number of small circles, and the handset rings at that level.

**Press the RIGHT or LEFT button briefly to change the volume**

**Press the VOLUME button again to confirm**

### Ringer melody

- 1
- 2
- 3

You have a choice of **nine ringing melodies**.

While the handset is idle (not busy on a call):

**Press the VOLUME button and hold it for about 3 seconds**

→ The display shows the current ringer (1 to 9 )

**Press the RIGHT or LEFT button briefly to hear the different ringer melodies**

When you reach the melody you prefer:

**Press the VOLUME button again to confirm**



## Transferring calls between the base telephone and the cordless handset

You can **transfer calls** backwards and forwards between the base telephone and cordless handset, and you **can** also make **intercom calls** between them.

### From base telephone to cordless handset

1



When you have a call in progress on the base telephone:

**On the base telephone, press and hold the PAGE button until you hear a beep and a background tone**

→ The call is put on hold for 5 seconds. Within the 5 seconds, press the handset number, e.g. 1 for Handset 1. The handset will be paged.

2



**On the cordless handset, press the TALK or SPEAKERPHONE button to connect to the base in an intercom call. When the base hangs up, the call will be transferred.**

→ You are connected to the call on the cordless handset.

### From cordless handset to base telephone

1



When you have a call in progress on the cordless handset:

**On the cordless handset, press the INTERCOM button to put the call on hold for 5 seconds, and the display shows HS-. Within the 5 seconds, press digit 0 (for the base).**

2



**On the base telephone pick up the handset or press the SPEAKERPHONE button to connect to the cordless handset in an intercom call. When the cordless handset clears down, the call will be transferred.**

→ You are connected to the call on the base telephone.

## Transferring calls

### To page the cordless handset



This is useful if you can't find your cordless handset.

**When the base telephone is idle (not on a call), press and release the PAGE button**

→ The cordless handset rings with a special tone. If you have more than one cordless handset registered to your base, they will all ring.

To stop the cordless handset ringing:



**On the cordless handset, press any button or numbered key**

You'll need to do this on all ringing handsets. If you don't press a button, the ringing will carry on for 30 seconds.

### To make an intercom call



From base to cordless handset:

**When the base telephone is idle, press and hold the page button until you hear a beep and a background tone for 5 seconds.**



**Within the 5 seconds, press the handset number, e.g. 1 for Handset 1.**

→ The handset will be paged.



**On the cordless handset, press the TALK or SPEAKERPHONE button to connect to the base in an intercom call.**

From cordless handset to base:



**When the cordless handset is idle, press the INTERCOM button so the display shows HS-.**



**Within the 5 seconds, press digit 0 (for the base).**

→ The base will be paged.



**On the base, pick up the handset or press the SPEAKERPHONE button to connect to the cordless handset in an intercom call.**







## CORDLESS HANDSET



### Memory dialling

You can store up to 10 numbers in each cordless handset's memory, in memory locations 0 to 9. Each number can have up to 24 digits.




#### To store a number

- 1  **Press the MEMORY button and hold it for about 2 seconds until the  symbol flashes on the display with a cursor (small dash) flashing above it**
- 2  **Key in the number you want to store**  
If you key in any wrong digits, you can press the **MUTE/DEL**  button to delete them from the display.
- 3  **Briefly press the MEMORY button again**  
→ The phone number moves to the right on the display, and the cursor flashes on the left.
- 4  **Key in a memory location number (0 to 9)**  
→ You hear a confirmation tone and the display goes back to standby mode. The number is now stored.
- 5 **Make a note of the number you have stored**  
There's a list at the end of this guide.




## CORDLESS HANDSET

## Memory dialling

### To make a memory call

- 1  Press the **MEMORY** button
- 2  Key in a memory location number (0 to 9) to display the number in that memory location. If the number is longer than 10 digits, press the **RIGHT** ► button to see more, and the **LEFT** ◀ to go back
- 3  Press the **TALK** or **SPEAKERPHONE** button to dial the number

### To delete a number from memory

- You can delete a number by simply storing a new number in the same location. Or you can do it like this:
- 1  Press the **MEMORY** button and hold it for about 2 seconds until the symbol flashes on the display
  - 2  Briefly press the **MEMORY** button again
  - 3  Key in the memory location number (0 to 9)  
→ You hear a confirmation tone and the display shows the empty memory location, then goes back to standby mode. That memory location is now free.


## CORDLESS HANDSET



### Caller Display


If you subscribe to this feature from your service provider, you can see the phone numbers of people calling you, before you answer.

The Big Button Combo will store the numbers of the last **20 calls** so that you can call them back later. Each Caller Display record includes:





- The **date and time** of the call
- The caller's **number** (up to 23 digits; if a number has more than 12 digits, you can press the MEMORY  button to see the rest of them, and then the date/ time)

If the caller's number is not available (because the network they're calling from doesn't support this feature), the display shows - - - ; and it is not saved in the Caller Display records.

If the caller has **withheld** their number by dialling **141**, the display shows - - - , and it is not saved in the Caller Display records.

When there are unanswered calls that have not been viewed, the  symbol flashes on the display.

#### To check Caller Display records

- 1  **Press the CID button**  
→ You'll see the most recent number. If there are no stored Caller Display records, the display will show **NO CLIP**.  
**To see more of the caller's number and/or the date and time:**  
**Press the MEMORY button**
- 2  **Press the MEMORY button**
- 3  **To view another record:**  
**Press the RIGHT ➤ button again to view the next record or the LEFT ◀ button to view the previous record**  
Once you've checked all the records, the  symbol shows steadily on the display.

## CORDLESS HANDSET

## Caller Display

To return a call




Press the **TALK** or **SPEAKERPHONE** button while the number is shown on the display

To store a Caller Display record in memory

1



While the number is shown on the display, press the **MEMORY** button and hold it for about 2 seconds until the  symbol flashes on the display

2



Edit the number, if necessary, then press the **MEMORY** button again.

3



Key in the memory location number (0 to 9)  
→ You will hear a 'beep' to confirm that the number is stored, then the display returns to standby mode.

To delete a Caller Display record



While the record is shown on the display, press and hold the **MUTE/DEL** button until you hear a 'beep'  
→ The display moves to the next Caller Display record.  
When there are no more Caller Display records, the display shows **NO CLIP**.



## CORDLESS HANDSET



### Multi-handset use

If you have a **Big Button Combo Twin, Triple, Quad or Quin** system, you will already have up to five cordless handsets. You can also buy spare cordless handsets and charger pods separately.

Altogether, you can have **up to five cordless handsets** registered to the base unit, as numbers **1, 2, 3, 4 and 5**. With more than one cordless handset registered to your base unit, you can:

- make **intercom calls** from one cordless handset to another
- make a **new intercom call** while you are on an outside call
- **shuttle** between an outside call and an intercom call
- **transfer** an outside call from one cordless handset to another
- set up a **three-way conference call** between yourself, an outside call and an intercom call

Each handset has its own number - **1, 2, 3, 4 or 5** which is shown as **HS- 1...** on the display.

- Please note**
- ▶ Among the cordless handsets registered to a single base unit, only **one outside call** and **two intercom calls** can take place at once.
  - ▶ If you try to make an outside call while another cordless handset is already on the line, or while someone is using the base unit telephone, you will hear **Busy** tone.
  - ▶ If you try to make an intercom call when one is already in progress, you will hear **Busy** tone.

## CORDLESS HANDSET

## Multi-handset use

### To make an intercom call

1



To make a call to another cordless handset


**Press the INTERCOM button**

→ The display shows **H5-** and the  symbol flashes

2



**Key in the number of the other handset (1, 2, 3, 4 or 5)**

→ The other handset rings and its display shows your handset's number. When the other handset user presses the **TALK**  button to answer, you can talk to him/her.

### To end an intercom call



**Press the TALK button on your handset**

→ The other person will hear Busy tone and hang up.


### To transfer a call between handsets

1



When you have made or answered an outside call, to transfer it to another handset:

**Press the INTERCOM button and key in the number of the other handset (1, 2, 3, 4 or 5)**

→ The  symbol flashes on the display to show that the outside call is on hold. When the other user answers, you can talk to them.

2



**Press the TALK button to hang up and transfer the call**

You can hang up to transfer the call before the other user answers. If they haven't answered within 90 seconds, the call will come back to you and your handset will ring.

## CORDLESS HANDSET

## Multi-handset use

### To shuttle between two calls



When you have both an outside call and an intercom call in progress, you can shuttle from one to the other, like this:

**Press the INTERCOM button to speak to each in turn, putting the other on hold**

→ While you're talking to the outside caller, the 'Phone' symbol is steady on the display and the 'Intercom' symbol flashes.



While you're talking to the other handset user, the 'Intercom' symbol is steady on the display and the 'Phone' symbol flashes.



You can **transfer** the outside call to the other handset by pressing the **TALK** button while you're connected on the intercom call

If you press the **TALK** button while you're connected to the outside call, you will disconnect it.

If the other handset user presses the **TALK** button on their handset to hang up, you'll be left connected to the outside call.

## Multi-handset use

### Conference calls

1


To set up a three-way conference between yourself, an outside call and an intercom call with another cordless handset:

**Either make or answer an outside call**

2



**Press the INTERCOM button and key in the number of the other handset**

The other user answers your call by pressing the **TALK**  button


3



**Press the INTERCOM button and hold it for about 3 seconds**

→ When your conference call is connected, both the 'Phone' and 'Intercom' symbols are steady on your display.



If either handset user presses the **TALK**  button to hang up, the other user will be left connected to the outside call. If the outside caller hangs up, you'll hear Busy tone.

### New Call tone

1



When you are on an intercom call and an outside call comes in, you will hear **New Call** tone over your conversation to tell you that someone is calling you.

To answer the outside call:

**Press the TALK button to end the intercom call**  
→ Your cordless handset will ring.

2



**Press the TALK button again to answer the outside call**

## CORDLESS HANDSET



### Registering new handsets









- ! If you have a Big Button Combo Twin, Triple, Quad or Quin system, all handsets are already registered to your base unit - the first as handset 1, the second as 2, etc.

You won't need to re-register them unless you have a problem.

- The handset subscription has been removed from the base unit (e.g. for re-initialization).
- You want to subscribe a different handset to this base unit.

If you've bought extra handsets separately, you'll need to register each one to your original base unit.

#### To register a handset



-  Press and hold the **PAGE** button on the base unit for about 10 seconds, until the **IN USE** light flashes; then release the button  
→ You now have 3 minutes to register the handset.  
On the **cordless handset**:
-  Press and hold the **CID/RIGHT** ➤ button for 2 secs. until both the battery  and the antenna  icon flashes
-  Press and hold the  button for 2 secs.  
→ The display shows **BS-**
-  Key in a base unit number (1 to 4)  
(If you have just one base unit, key in 1)  
→ The display then shows **PIN**
-  Key in your handset's PIN code (default 0000)  
Your handset should now be registered. The display shows **HS** followed by the handset number.

## Registering new handsets

### To remove (de-register) a handset



You may need to remove a cordless handset from a base to allow another handset to be registered:

**Press and hold the CID/RIGHT ➤ button for 2 secs. until both the battery  and the antenna  icon flashes**



**Press and hold the MUTE/DEL button for 2 secs.**

➔ The display then shows **PIN**



**Enter the pin code (0000).**

➔ If the pin is wrong, the handset will go back to idle mode



**Enter the handset number (1-5, except its own self) you want to remove**

5

**The unit will go back to idle mode if the removal is successful. Otherwise, it will ask again to enter the handset number**

**Note:** You can only remove other handsets in your system, you cannot remove the handset that you are using.

## Troubleshooting

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The Big Button Combo must be serviced by trained engineers. NEVER attempt any repairs or adjustments yourself - you could make the problem worse and invalidate the Guarantee.

ALWAYS check first that:

- You have followed all the steps listed on pages 7 to 11 to install and set up your digital cordless telephone.
- All **connectors** are firmly inserted in their sockets.
- **Mains power** to the base unit is switched on at the socket.
- The handset's **batteries** are correctly and securely installed and are not run down.

"I cannot make or answer calls with my cordless handset."

### Everyday use

Check that the base telephone's **mains power** adapter is plugged in and power is switched on. Without mains power, you can make calls using the base telephone's handset (not the speakerphone), but it needs mains power to operate the cordless handsets.

Make sure you're using the **telephone line cable** that was supplied with your Big Button Combo. Other telephone line cables might not work.

**Move the cordless handset closer** to the base telephone.



Check the **Battery Level** symbol on the display. If it is low, replace the cordless handset on the charger pod to recharge the batteries.

Switch off power to the base telephone at the mains socket, wait for a few seconds and then switch back on. This may solve the problem.

## Troubleshooting

"When I press keys on the cordless handset, nothing happens."

Make sure the **batteries** are fitted in your handset. If the Battery Level symbol on the display shows 'low', recharge the batteries.

The keypad may be locked. Look for a  on the display. If it's there, unlock the keypad by pressing and holding the **#/LOCK**  button.

"When I press keys, digits appear on the display, but I can't make a call"

Try moving the handset **closer** to the base telephone.

Try a **different position** for the base telephone, making sure it's not too near to any other electrical equipment.

"The phone does not ring"

Check that the base telephone's **mains power** adapter is plugged in and power is switched on.

Make sure you're using the **telephone line cable** that was supplied with your Big Button Combo. Other telephone line cables might not work.

Check that you have not set the **ringer volume** to Off.

Check that the **total REN value** of all equipment connected to your telephone line is no more than 4. Disconnect one or more telephones and see whether that helps.

"My call was cut off when I went out of range of the base unit. Now I can't use my handset."

Move the cordless handset **closer** to the base telephone before you try again to make a call.

"There is interference and noise on the line."

Move the cordless handset **closer** to the base telephone, or to a different position.

Try moving the base telephone so that it's **not near other electrical equipment**, such as a television or a computer.

Try a **different position** for the base telephone, making sure it's not too near to any other electrical equipment.



## Troubleshooting

"When I press the TALK or SPEAKERPHONE button, I hear a strange loud noise."

This is caused by interference. Disconnect the mains power lead from the back of the base telephone, then wait for 30 seconds before reconnecting it.

"I hear 'beeps' from my cordless handset while I'm on a call."

You may be going **out of range** of the base telephone. Move closer, or your call may be cut off.

Check the **Battery Level** symbol on the display. If it is low, recharge the batteries.

"The Caller Display feature isn't working."

You need to **subscribe** to the Caller Display feature from BT or your service provider.

The caller may have **withheld** their number by dialling 141. Or they may be calling from a network that does not transmit the Caller's number (for example, it may be an international call).

"The volume in the earpiece is low when I'm on a call."

Make sure you're holding the handset earpiece correctly over your ear.

Adjust the volume as described on pages 13 (base telephone) and 17 (cordless handset).

"I keep trying to make a call, but I hear Busy tone and the IN USE light on the base unit does not come on."

Check your cordless handset's display - if the antenna symbol is flashing, make sure the mains power lead is plugged into the back of the base telephone, and the adapter is plugged into the mains socket with the power switched on.

If the antenna symbol is still flashing, try re-registering the handset, as described on page 28.

If you have more than one handset registered to your base telephone, check that another handset isn't already in use on a call.

### Multi-handset use

"I can't transfer a call."

Make sure the other handset is within range of the base telephone, and is not busy on a call.

Make sure you are keying in the correct number (1 to 5) for the other handset.

## Troubleshooting

### Batteries

"The handset's batteries are running low within an hour or two."

Before you first use the handset, you should have left it on the charger pod for **up to 15 hours** to charge the batteries fully. Repeat this.

You may need to **replace the batteries**. Contact the **Binatone Help Line** for advice.

"The CHARGE light on the charger pod does not come on."

**Clean the battery charging contacts** with a dry cloth.

**Check the connections** between the base unit and the mains power socket.


"I try to recharge the batteries, but I still get a warning that they are low."

You need to **replace the batteries**. Please note these safety warnings:


- Use only **NiMH (Nickel Metal Hydride) rechargeable** batteries, as supplied with the handset.
- **Dispose of used batteries safely** - never burn them, or put them where they could get punctured.

### Using your Big Button Combo on a PBX


"Last Number Redial and/or memory dialling don't work."

When you first make a call, try pressing the  button for a **pause** between the outside line access digit (e.g. 9) and the telephone number. You should later be able to redial the number.

When storing numbers in memory, you can include the **outside line access digit** (e.g. 9) with each number.

If your PBX requires you to wait for a second Dial tone before dialling the telephone number, press the  button for a pause between the access digit and the number.

"My phone won't work properly on a PBX"

You may need to change the **recall** setting. On the cordless handset, press and hold the  button, select 'S' for 100 ms or 'L' for 250 ms.

If in doubt, call the Help Line for advice. It will help if you have your PBX documentation to hand when you make the call.

## Troubleshooting

### If the fault persists...

**Disconnect all other instruments** connected to the same line as the digital cordless telephone and try to make a call.

**Disconnect the base unit** from the telephone line and plug a different phone into the master telephone socket. Try making a call. If this works, the line is OK.

If the call does not work, and you are using a **two-way socket adapter**, remove it and plug a telephone directly into the socket. If the call now works, the adapter may be faulty.

If you cannot make a call, the fault may be on the **exchange line**. Contact the service provider (the BT engineers on 151 for UK only, or your cable company).

If you still cannot identify the cause of the problem, contact the **Binatone Help Line** on **0845 345 9677**.

### Cleaning and care

- **Do not clean** any part of your digital cordless telephone with benzene, thinners or other solvent chemicals as this may cause permanent damage which is not covered by the Guarantee. When necessary, **clean it with a damp cloth**.
- Keep your digital cordless telephone away from **hot, humid conditions** or **strong sunlight**, and **don't let it get wet**.
- Every effort has been made to ensure high standards of reliability for your digital cordless telephone. However, if something does go wrong, please **do not try to repair it** - consult your supplier or the Binatone Help Line.

## Guarantee and service

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The Big Button Combo is guaranteed for 12 months from the date of purchase shown on your sales receipt. The Guarantee does not cover damage by misuse or negligence, or by excessive voltages - for example, faults on the telephone line, or lightning.

**Please keep your sales (till) receipt — this is your guarantee.** You should also keep the original packaging material.

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### While the unit is under Guarantee

- 1 Disconnect the base unit from the telephone line and the mains electricity supply.
- 2 Pack up all parts of your Big Button Combo, using the original packaging. Remember to include the mains adapter.
- 3 Return the unit to the shop where you bought it, making sure you take your sales receipt.
- 4 In the unlikely event that you need to return your Big Button Combo to our Repair Centre while it is under Guarantee, please send your sales receipt with it. There will be a handling charge for repair under Guarantee.

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### Repair after the Guarantee has expired

If the unit is no longer under Guarantee, first follow steps 1 and 2 as for repair under Guarantee. Then ...

- 3 Call our Service Department on **01325 304 473** and ask for a quotation of the repair charge and details of where to send your Big Button Combo for repair.
- 4 Return your Big Button Combo to the address given by the Service Department, making sure you include your name and address, and a cheque or postal order for the value of the repair charge.

**This does not affect your statutory rights.**

## Technical details

<b>Standard</b>	Digital Enhanced Cordless Telecommunication (DECT)
<b>Frequency range</b>	1.88 to 1.9 GHz (bandwidth = 20 MHz)
<b>Channel bandwidth</b>	1.728 MHz
<b>Operating range</b>	Up to 300m outdoors; up to 50m indoors
<b>Operating time</b>	Standby: 100 hours Talking: 10 hours Battery charge time: 15 hours
<b>Temperature range</b>	Operating 0°C to 40°C Storage -20°C to 60°C

### Electrical power

#### Battery information:

GPI, model no. : GPHCH73N07, 2.4V 750mAh Ni-MH  
rechargeable battery pack

Shida, model no. : TFL2X44AAA500-CD99-01A, 2.4V  
500mAh Ni-MH rechargeable battery pack

Shida, model no. : TFL2X44AAA750-CD99-01A, 2.4V  
750mAh Ni-MH rechargeable battery pack

Base Input: 100-240V AC, 150mA

Base adaptor output: 6V 500mA,

Brand: 5ESP, 5E-AD060050-B

Manufacturer: ShenZhen G.Credit Electronics Co.,Ltd

Charger input 100-240VAC 50/60Hz,

Charger adaptor output 7VDC 0.42A

Brand name - 5E-AD070042-E - EU

Manufacturer: ShenZhen G.Credit Electronics Co.,Ltd

**Port specification** The port (connected to the mains  
power supply) is a SELV port with  
respect to EN41003.

The port (connected to the  
telephone line) is a TNV port with  
respect to EN41003.

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Tel: +44(0) 20 8955 2700 Fax: +44(0) 20 8344 8877  
e-mail: binatoneuk@binatone telecom.co.uk

**Binatone**

**EC Declaration of Conformity**

We the manufacturer / Importer : Binatone Telecom Plc  
1 Apsley Way London  
NW2 7HF, United Kingdom.

Declare under our sole responsibility that the following product

Type of equipment:	Digital cordless telephone
Model Name:	SC2050
Country of Origin:	China
Brand:	Binatone

complies with the essential protection requirements of R&TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to **Radio Spectrum Matters**, the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to **electromagnetic compatibility (EMC)** and the European Community Directive 2006/95/EC relating to **Electrical Safety**.  
Assessment of compliance of the product with the requirements relating to the essential requirements according to Article 3 R&TTE was based on Annex III of the Directive 1999/5/EC and the following standard:

Radio Spectrum:	EN 301406: V1.5.1:2003-07;
EMC:	EN 301489-1: V1.6.1:2005-09; EN 301489-6: V1.2.1:2002-08; EN 55022:2006
Electrical Safety:	EN 55024:1998+A1+A2 EN 60950-1:2006

The product is labelled with the European Approval Marking CE as show. Any Unauthorized modification of the product voids this Declaration.



Manufacturer / Importer  
(signature of authorized person)

Signature: (K.H.Mueller, CT0)



LONDON, SEPT 16 2009

Place & Date:

**Memory Dialling list**

	Name
<b>0</b>	
<b>1</b>	
<b>2</b>	
<b>3</b>	
<b>4</b>	
<b>5</b>	
<b>6</b>	
<b>7</b>	
<b>8</b>	
<b>9</b>	