

User Guide

BT STUDIO 2300



Welcome...

to your BT Studio 2300 digital cordless colour screen telephone



- Large, easy to read colour screen.
- 150 Name and number phonebook.
- Use Caller Display to see who is calling and keep track of unanswered calls. (Requires subscription to a Caller Display service.)
- Register up to 5 handsets to a base without the need for additional wiring.
- Easy settings for Call Diversion, Call Waiting and Reminder Call.
- Assign ringtones to entries in the phonebook.
- Range of up to 300 metres outside and up to 50 metres indoors (in ideal conditions).



This User Guide provides you with all the information you need to get the most from your phone.

You must first set up your phone before you can use it. This doesn't take long and is easy to do. Just follow the simple instructions on the next few pages.

■ Need help?

If you have any problems setting up or using your BT Studio 2300, contact the Helpline on 0870 605 8047.

Alternatively, you may find the answer in 'Help' at the back of this guide.

Hearing aid?

Please note that the BT Studio works by sending radio signals between the base and handset. These signals may interfere with some hearing aids, causing a humming noise.

Got everything?

- BT Studio 2300 base
- BT Studio 2300 handset
- 2 x NiMH AAA rechargeable batteries
- Battery compartment cover
- Mains power adaptor
- Telephone line cord

In addition

If you have purchased a BT Studio 2300 multiple pack, you will have the following for each additional handset:

- BT Studio 2300 handset
- BT Studio 2300 charger
- 2 x NiMH AAA rechargeable batteries
- Battery compartment cover
- Mains power adaptor

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Getting started

Location

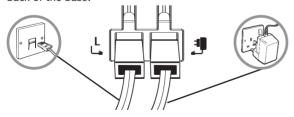
You need to place your BT Studio 2300 within 2 metres of a mains power and telephone socket so that the cables will reach

Make sure it is at least 1 metre away from other electrical appliances to avoid interference.

Your BT Studio 2300 works by sending radio signals between the handset and base. The strength of the signal depends on where you site the base. Putting it as high as possible ensures the best signal.

Setting up

1. Plug the power adaptor and telephone cable into the back of the base.



2. Plug the power adaptor into the mains wall socket and switch the power on. When connected correctly, the green Power light on the base comes on.

WARNING

Do not place your BT Studio 2300 in the bathroom or other humid areas

Handset range

The BT Studio 2300 has a range of 300 metres outdoors when there is a clear line of sight between the base and handset. When there is no clear line of sight between the base and handset, e.g. base indoors and handset either indoors or outdoors, the range could be reduced to 50 metres. Thick stone walls severely affect the range.

Signal strength

The **T** symbol on your handset screen indicates when you are in range. When you are out of range, it flashes

IMPORTANT

Do not connect the telephone line until at least one of the handsets is fully charged.

The base must be plugged into the mains power at all times.

Which socket?



Power socket



Telephone line socket

The red Charging light stays on while the handset is on the base, even when the batteries are fully charged.

Talk/Standby time

Under ideal conditions, fully charged handset batteries should give up to 8 hours talktime or 80 hours standby on a single charge.

Battery low warning

The handset battery symbol is empty and you will hear a warning beep. Start recharging your handset right away.







When charging the battery, level bars are animated.

Replacing batteries

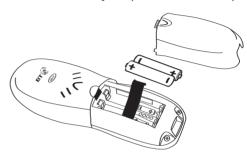
Use only rechargeable 750mAh or higher AAA NiMH batteries.

Battery performance

When batteries are fully charged the display shows 3 green bars.

To keep your batteries in the best conditions, leave the handset off the base for a few hours at a time (after the initial 24 hour charge).

Please note however, that new NiMH batteries do not reach full capacity until they have been in normal use for several days. Install the 2 x AAA rechargeable batteries supplied.
 Then slide the battery compartment cover into place.



4. Charge the handset for at least 24 hours by placing it on the base. The red Charging light comes on. The handset is pre-registered to the base as Handset 1. The screen shows the standby display.



After 24 hours, plug the telephone line cord into the wall socket and your BT Studio 2300 base.

Range indicator

The symbol on your handset display indicates when you are in range of the base. If the symbol flashes and you hear a warning beep, you are out of range and will need to move closer to the base. The display shows Base and the number of the base last used.

Set date and time.

If you have subscribed to your network's Caller Display service, the time and date will be set automatically when you receive your first call. You can also set the time manually.

- 1. On the handset, press Menu. Scroll ▼ to Time Settings and press OK. Scroll ▼ to Set Date & Time and press OK.
- 2. Enter the date, e.g. 1 6 o 6 for 16th April. Press OK.
- 3. Enter the time, e.g. 6 6 6 for 9:30am. Press OK.

The time and date is saved.

4. Press and hold Back to return to standby.

Your BT Studio 2300 is now ready for use.

Running the batteries right down at least once a week will help them last as long as possible.

The charge capacity of rechargeable batteries will reduce with time as they wear out, so reducing the talk/standby time of the handset. Eventually they will need to be replaced. New batteries can be obtained from the BT Studio Helpline **0870 605 8047**.

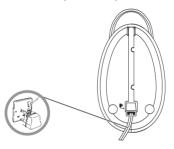
Helpline

If you have any difficulties setting up your BT Studio 2300, please call the BT Studio Helpline on 0870 605 8047.

Additionally, if you have purchased a BT Studio 2300 multiple pack

On each charger:

1. Connect the power adaptor to the charger and switch on.



Ensure the charger is connected to the mains at all times.

On each additional handset:

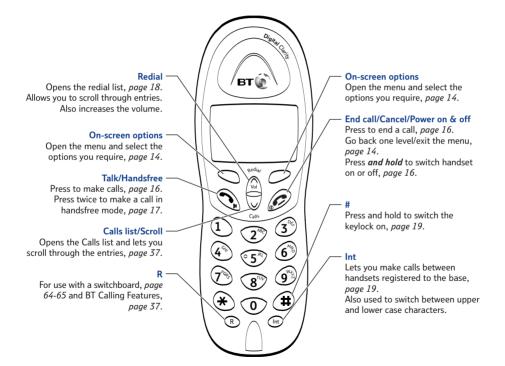
- 2. Insert the batteries.
- 3. Charge the handset for at least 24 hours.

Your BT Studio 2300 additional handset(s) comes pre-registered to the base as Handset 2, Handset 3, Handset 4 etc and this is shown on the display.

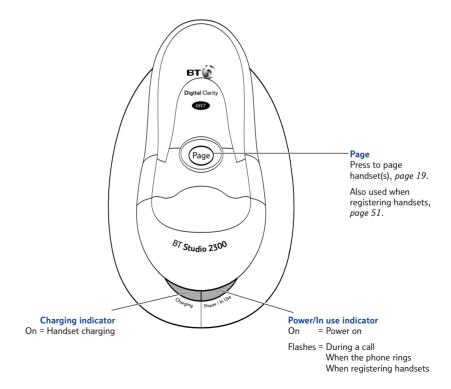
Your BT Studio 2300 multiple pack is now ready for use.

Getting to know your phone

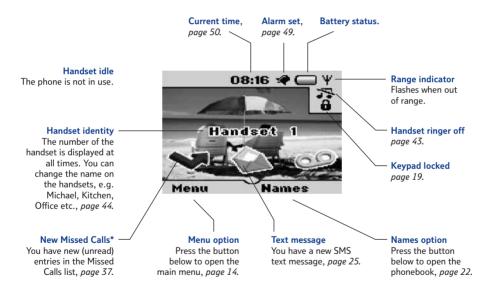
Handset buttons



Base buttons and LEDs



Handset display icons



^{*} For this feature to work you must subscribe to your Network Provider's Caller Display service. A quarterly fee may be payable.

Navigating the menu

Your BT Studio 2300 has a menu system which is easy to use. Each menu leads to a list of options. The menu map is shown on the following page.

When the handset is switched on and in standby, press **Menu** to view the menu options. Pressing will scroll through the menu options, press **OK** to select the menu option you wish to configure.

For example to change the handset ringer volume:

- 1. Press Menu then scroll ♥ to Handset and press OK.
- 2. Scroll ▼ to Ring Volume then press OK.
- 3. The current setting is displayed. Press ♠ to increase or ♥ to decrease the volume, the ringtone is played at each level you select. Press OK to confirm.

Exit or go back one level in the menu

To go back to the previous level in the menu, press **Back**.

To cancel and return to standby at any time, press *and hold* Back.

If no button is pressed for 60 seconds, the handset returns to standby automatically.

Menu map These are the options under each menu heading.



Simple and easy.

Switch handset on/off

- 1. Press *and hold* pto switch the handset off.
- Press @ again or place it in the base to switch the handset back on.

Make a call

1. Press 🐧 then dial the number you want.

Preparatory dialling

 Enter the number first. If you make a mistake, press Clear to delete. Press Press to dial.

Call timer

The display shows the duration of all external calls.
 After you hang up, the total call time is shown briefly.

End a call

1. Press Press or place the handset back on the base.

Receiving calls

Providing you have subscribed to your network's Caller Display service, the caller's number (and name if stored in the phone book) is displayed.

1. Press or if the handset is on the base, simply lift it up and speak.

Handsfree

Handsfree lets you talk to your caller without holding the handset. It also enables other people in the room listen to both sides of your conversation.

Make a handsfree call

- 1. Press **\(\)** *twice*. Dial the number. Your call can be heard over the handset's loudspeaker.
- 2. To switch back to the handset at any time, press again. Press to end the call.

Adjust earpiece/handsfree volume

You can switch to handsfree at any time during a call. Just press .

When in 'handsfree', the display shows the \P icon.

Answer a call in handsfree

When the phone rings:

1. Press **twice**. The call comes through the handset loudspeaker. If you want to switch the call to the earpiece, press **1**.

Redial

You can redial up to 20 of the last numbers called. If you have stored a name in the phonebook to go with the number, the name will be displayed as well as the number, see phonebook, *page 22*.

Redial a number from the list

- 1. Press ♠ to enter the redial list. Scroll ♠ or ♥ until the number you want is displayed.
- 2. Press **\(\)** to dial the number.

Secrecy

During a call, you can talk to someone nearby without your caller hearing you.

 During the call, press Secrecy. Display shows Secrecy On. Your caller cannot hear you. 2. Press **OFF** to return to your caller.

Paging

You can use the button on the base to alert handset users that they are wanted or locate a missing handset.

- 1. Press on the base. The handset(s) ring. Display shows Paging.
- 2. Press to stop the handsets ringing *or* press any button on the handset.

Keypad lock

You can lock the keypad to prevent accidental dialling while carrying the handset around.

- 1. Press and hold until the screen shows Keypad Locked and the symbol appears.
- 2. Press Unlock then YES to use the keypad again.

Internal calls

If you have two or more handsets registered to your base, you can make internal calls. Two handsets can be

Paging calls cannot be answered by a handset.

You cannot make any calls, including 999 and 112 emergency calls while the keypad is locked. Answer incoming calls by pressing as normal.

The ficon is displayed while the keypad is locked.

holding an internal call while a third is making an external call.

Call another handset

- 1. Press then the handset number you want (1-5).
- To end the call press or replace the handset back on the base.

3-Way call

You can put an external caller on hold, talk to another handset user, then hold a call between all three.

- 1. During an external call, press your caller is put on hold. Enter the handset number you want (1-5).
- 2. When the other handset answers, press *and hold* **(1)** to start the conference call.
 - If the other handset does not answer, press again to speak to your external caller.
- 3. To end the call press Press or replace the handset back on the base.

Transfer a call

You can transfer an external call to another handset.

During the call:

- 1. Press . Your caller is put on hold. Enter the handset number you want (1-5).
- 2. When the other handset answers you can tell them they have a call, then press . The external caller is transferred.

If the other handset does not answer or you decide not to transfer the call, press to talk to your caller again.

Caller on hold

You can put an external caller on hold, talk to another handset user, then resume your external call.

- 1. During a call, press your caller is put on hold. Enter the handset number you want.
- Press to end the internal call and return to your external caller. The other handset presses Talk Off to end the call.

If you subscribe to your network's Caller Display service, and want the names in your Phonebook displayed instead of the phone numbers, you must store the full telephone number including the national code.

Writing tips

Entering names

Use the keypad letters to enter names, e.g. to store TOM:

- 1. Press **8** once to enter T.
- 2. Press 6 three times to enter 0.
- 3. Press 6 once to enter M.

If you make a mistake, press **Clear** to delete the last character or digit.

Press to switch between upper and lower case letters.

The **?** icon will be displayed when you have selected upper case.

Your own directory, stored in a handset.

Each Studio handset can store up to 150 names and numbers. Names can be up to 16 characters long and numbers up to 20 digits.

Add entry

- 1. Press Names.
- 2. If the Phonebook is empty, Add Entry is highlighted. Press **OK**.

0r

- If names have been stored, they are listed.
 Press Options. Add Entry is highlighted. Press OK.
- 4. Use the keypad to enter the name, then press **OK**.
- Use the keypad to enter the number, then press OK. The screen shows the Names list.
- 6. Press *and hold* Back to return to standby.

Dial

- 1. Press Names.
- 2. Scroll a or to the name you want or use the keypad to enter the first letter of the name, e.g. press four times for names beginning with S.
- 3. Press to dial.

Edit name and number

- 1. Press Names then scroll or to the name you want, then press Options. Scroll to Edit Entry and press OK.
- 2. Edit Entry screen is displayed. Press Clear to delete or use ♠ or ♥ to position the cursor. Use the keypad to change the name. Press OK.
- Edit the number and press OK. Display returns to the list of names.
- 4. Press and hold Back to return to standby.

View details

- Press Names then scroll a or to the name you want, and then press Options.
- 2. Scroll ♥ to Show Details and press OK.
- 3. Display shows the number.
- 4. Press $\emph{and hold}$ Back to return to standby.

Delete an entry

- 1. Press Names then scroll ♠ or ♥ to the name you want, then press Options.
- 2. Scroll to Delete Entry and press OK.
- 3. Press Yes to confirm or No to cancel.
- 4. Press and hold Back to return to standby.

SMS text messaging

Welcome to the BT Text Service on your BT Studio 2300. The SMS Service is provided by BT.

Your BT Studio 2300 can send and receive messages to any mobile phone from participating mobile networks and compatible landline telephones in the UK.

The fixed line SMS service is provided under BT's terms and conditions for telephone service. These can be found by visiting the BT.com website at: http://www.bt.com/terms/tor.htm

To subscribe to the SMS text messaging service

When you send your first SMS text message from your BT Studio 2300 you will automatically be registered for the service

On receipt of your first SMS through the service, the system will send you a welcome SMS message back.

Please note that if you set up different user areas you will need to send a message from each user area to register them.

You may also register by sending the word Register to 00000 upon which you will receive a confirmation message.

IMPORTANT

You must subscribe to your Network Provider's Caller Display Service in order to use SMS text messaging.

A quarterly fee may be payable. You must not have your telephone number withheld for this service to work.

You may also send messages to landline phones that are NOT SMS compatible. Messages to noncompatible lines will be connected to voice text and delivered in spoken words to the telephone as a call. Please note that the conversion can translate common abbreviations and smileys etc, but to ensure maximum clarity of message delivery, abbreviations etc should be used sparingly.

Some other network operators or line providers may not be compatible with this SMS service.

Helpline

If you have any difficulties sending or receiving SMS text messages, please *see page 58* for the relevant Helpline number.

When using SMS for the first time, it is recommended that you send a message to yourself on the telephone number your BT Studio 2300 is connected to. If you do this you can see how messages are both sent and received.

CHARACTERS

Counts down the number of characters available from 160 to 0 so you always know how much more text you can write.

Cost of the fixed line service

There is no subscription charge (other than the subscription to Caller Display). Visit the BT.com website (www.bt.com) to find out how much it costs to send a text message (depends upon your call package).

Using SMS

With SMS (Short Message Services) you can send and receive text messages up to 160 characters long.

Write an SMS text message

- 1. Press Menu. The SMS screen is displayed. Press OK.
- 2. Press **OK** *again* to select Write Message.

You can enter a word by pressing each letter button a number of times to display the character you want on the screen.

To write the word "Hello", press 44, 33, 55, 55, 55, 666.

Writing tips

Character map

Pressing the buttons for normal message writing will give you the following characters with each successive press of the button.

To switch between uper and lower case characters, press the button.

Deleting text

When writing, press Clear. When reading, press Options, select Delete then OK.

28

Switch between upper and lower case by pressing ...

In addition, the following characters appear in lower case only:

Button	Cha	racter							
2	a	b	С	2	à	ä	å	æ	?
300	d	e	f	è	é	%			
4	g	h	i	4	ì				
•5	j	k	I	5	-				
6	m	n	О	6	ñ	ò	ö	Ø	(
7	р	q	r	s	7	ß	/		
8	t	u	V	8	ù	ü	:		
9	W	Х	у	z	9)			

Use a or to move the cursor. If you make a mistake or want to delete text press **Clear**.

To read through your message if it is too long to fit on one screen, scroll \triangle or $\overline{\lor}$.

Using options

While writing press **Options** to access the following options:

Send To – press **OK**. Enter the number when prompted or press **Search** to open the phonebook. You can send a message to an individual entry.

Sendina

When you are sending a text, the screen shows Sending SMS then Message Sent.

Save – scroll **v** to Save then press **OK** to save the message for sending later.

Insert Symbol – scroll ▼ to Insert Symbol then press OK to display the symbol chart. Scroll ♠ or ▼ to select, then OK to insert.

User Name – You can send from the default user name or select your own user area so that the receiver knows who has sent the text. To set a user area scroll ▼ to User Name then press OK. Scroll ♠ or ▼ to select the name, then OK to confirm, see page 34.

Outbox

Sent messages are stored in the Outbox.

You can read, forward and delete messages in your Outbox.

If forwarding a message to another person, you can edit the message before finally sending it.

- From the standby screen, press Menu then OK.
 Press OK again to open the SMS menu. Scroll down to
 Outbox and press OK.
- 2. Scroll ♠ or ▼ to select the message you want then press Read. You can now open the Options menu to Edit, Send To, Delete or assign a user name to the message.

Symbols

When writing a message, you can select a symbol from the options list.

Deleting

You can delete all messages from the Inbox or Outbox folder, or delete All Messages from all folders.

- From the standby screen, press MENU then OK. Scroll down to Delete Messages and press OK.
- Scroll or to select the folder you want or All
 Messages. Press OK. The appropriate screen is displayed.
- 3. Press **OK** to confirm or **Back** to cancel.
- 4. Press and hold Back to return to standby.

Receiving and reading text messages

When you receive a message it is stored automatically in the Inbox.

The screen alerts you to a new message then displays the new message icon along with the number of new messages in your Inbox. On the base, the New SMS light comes on. You can also set an audible alert, see page 33.

Delivery of SMS messages

The system will always try and deliver the message to a text enabled phone in written format, only if there is a problem with delivery will the message be delivered as voice text, with the exception of forced voice text messages. See the Help section on *page 58-59*.

Once registered, SMS message delivery is 24 hours.

Open Inbox

- 1. Press **Read** then scroll **△** or **v** to select the message you want to read then press **OK**.
- 2. When reading your messages press **Options** to access the following options:

Reply – press **OK** to send a reply.

Forward – scroll to Forward then press **OK** to forward the message to another number. Enter the number when prompted or press **Search** to open the phonebook. You can send a message to an individual entry.

Delete - scroll ▼ to Delete then press **OK** to delete the message.

3. Press **Back** to return to the Inbox screen and to standby.

When replying to or forwarding a message you have access to the same Options menu used for writing a text message.

When you open the SMS menu, new messages in the Inbox are marked with an *.

Open Inbox from standby screen

- From the standby screen, press Menu and then SMS to open the SMS menu. Scroll to Inbox and press OK.
- 2. You can now scroll ♠ or ♥ to the message you want and press Read to open it. You can now open the options menu to reply, forward or delete.

SMS settings

The SMS settings menu lets you:

- Select alternative service centres.
- Set the Terminal number.
- Switch SMS Alert on or off.
- Set different users so that each handset can have its own text mailbox.

SMS Service Centre numbers

To send and receive SMS text messages you need the telephone number of your Network's SMS Centre.

These numbers have been pre-loaded into the BT Studio 2300.

If you accidentally delete the Send or Receive SMS Service Centre numbers you will need to re-enter them in order for your SMS Service to work.

The Send SMS Service number is: 1470P1709400

The Receive SMS Service number is: 0800 587 52

To change the SMS Service Centre phone numbers

- From the standby screen, press Menu then select SMS to open the SMS menu. Scroll to Settings and press OK.
- 2. Press **OK** to open Service Centres menu. Scroll **▼** to the setting you want and select **OK**.

Receive Centre – lets you set the number of the message receiving centre.

Send Centre – lets you set the number of the message sending service.

See above for the pre-set Service Centre numbers.

Set SMS text alert

Your handset can play a different melody, a morse beep or a discreet tone to announce a new text message. The default setting is On.

1. From the standby screen, press Menu then select SMS to open the SMS menu. Scroll to Settings and press OK.

The default setting is Morse.

- 2. Scroll ▼ to SMS Alert.
- 3. Press OK.
- Scroll ▼ to Set Alert and press OK.
 Scroll ▲ or ▼ to select the type of alert you want Morse, Discreet or Polyphonic.
- Press OK to confirm or Back to return to the previous menu.
- 6. Scroll ♠ or ♥ to set the alert On or Off and press OK to confirm the setting.
- 7. Press and hold Back to return to standby.

User areas

You can receive text messages into a user area or mailbox. The default user area setting is 9.

All handsets can see the default User Area. You can set your own private user area which is protected by a PIN number. Your private user area can be accessed from any registered handset once the correct PIN number has been given.

Up to 5 user areas are available (default +4). However, you can allocate any number between 0-9 to them. The terminal number is automatically allocated but it can be changed.

Set personal user area

- From the standby screen, press Menu then select SMS to open the SMS menu. Scroll to Settings and press OK. Scroll to Users and press OK.
- 2. If necessary, scroll to Add User and press OK. Enter the user name and press OK.
- Enter a password between 1 and 5 digits and press OK.
 Enter the password again to confirm and press OK. Your user screen is displayed.
- You will be assigned a terminal number 0-8. To see your Terminal Number scroll to Terminal Number and press OK.
- 5. Press **Back** to return to the previous menu.

Send text message from a user area

- From the standby screen, press Menu then select SMS then OK.
- 2. When you have written your message, press **Options** and scroll to User Name.
- If required, scroll to the user area you want and press OK. Enter your PIN number and press OK.
- 4. The options menu is displayed again. You can now scroll to the next option you want, e.g. Send To.

PIN protected

If you have protected your text messages with a security PIN you will have to enter the PIN each time you open your Inbox to read your messages

Keep track of your PIN

You can keep a record of the current security PIN in the space provided on page 66.

If you enter a PIN incorrectly the screen returns to standby.

Delete user area

- 1. From the standby screen, press **SMS** to open the SMS menu. Scroll to Settings and press **OK**. Scroll to Users and press **OK**.
- 2. Scroll ▼ to Delete User and press OK. Scroll ♠ or ▼ to select the user you want and press OK.
- Enter the PIN (that was previously allocated) and pressOK to delete. The display returns to the previous menu.

Default settings for SMS text messaging

Receiving Service Centre 1	0800 58752				
Sending Service Centre 1	1470P1709400				
Predictive Text	Off				
Set SMS Alert Melody	Morse				
User Area	None set				
Password protection	Off				
Default user PIN	0000				

BT Calling Features

Helping you manage your calls.

Caller Display

If you subscribe to a Caller Display service you can see who is calling you on your handset display, as well as the time and date of their call.

If you have stored a name to go with the number in your handset phonebook, the name will be displayed as well.

Please store the full telephone number, including the area code, otherwise the name will not match the number stored in the phonebook and any picture or ringtone you have selected will not be used.

Calls lists

Your BT Studio 2300 lets you view details of your last calls.

- Received calls shows details of all recent callers.
- Missed calls shows details of calls that were not answered, or 'missed'.
- Dialled calls list shows details of the last 20 calls made from your handset.

A combined total of 50 calls can be stored in the **Received** and **Missed calls**.

IMPORTANT

To use Caller Display you must first subscribe to the service from your network provider. A quarterly fee may be payable.

For more information, call BT free on 0800 800 150

Caller information not available.

With some incoming calls, the telephone number of the caller is not available and cannot therefore be displayed.

In this case your BT Studio 2300 provides you with some explanatory information.

Unavailable – The number is unavailable.

Withheld - The caller has withheld

their number.

Ringback —Ringback call.

Operator -The call has been made via the operator.

Payphone – The caller is ringing from a payphone.

Int'l -International call.

To access Calls Lists via the menu

- Press Menu then scroll to Calls Lists and press OK to open the Calls list screen.
- 2. The Received calls list is highlighted. Scroll ▼ to highlight the Missed or Dialled Calls list. Press OK.
- 3. If the name of the caller has been stored in the phonebook it is displayed.
- 4. Press Options. You can now select:

Delete – to delete the entry.

Show Details - to view the number.

Save Number - to store the number in the phonebook.

Press to select the option you want then press OK.

Or press Back to return to the previous screen.

Missed calls

To access missed Calls List using the navigator button:

- From the standby screen, press ♥. New calls are indicated with an *. Press ♠ or ♥ to scroll through the list.
- Press to dial a number or Options to delete the entry, see further details or add the number to the phonebook.

An ★ next to a number in the Calls list indicates a new caller.

You can display, scroll through and dial numbers in the Calls lists and copy them into the phonebook.

If a call is received when the Calls list is full, the oldest entry will be replaced with details of the new caller.

You can view, dial, delete and add entries to the phonebook.

Redial

- 2. Press \(\mathbb{\quad} \) to dial a number or **Options** then select:

Delete - to delete the number.

Show Details – if a name is displayed, this shows the number as well.

Save Number – to create an entry in the phonebook. Enter the name, press **OK**. The number is displayed. Press **OK** to store the number.

Delete Calls lists

- 1. Press **Menu** the scroll to Calls Lists and press **OK** to open the Calls list screen.
- 2. Scroll ▼ to Delete Calls Lists and press OK. Press ♠ or ▼ to select the list you want to delete:

Received Calls Missed Calls Dialled Calls All Calls

Press OK.

3. Press Yes to delete or No to cancel.

Call Diversion is a chargeable service. Check with your network provider for details.

For BT, call 0800 800 150.

Call Waiting is a subscription service. Please check with your network provider for details.

For BT, call 0800 800 150.

Call Diversion

Divert an incoming call to another number where you can be reached.

- Press Menu then scroll
 ▼ to Calling Features and press
 OK.
- 2. Press a or to select:

Call Diversion On

Call Diversion Off

Call Diversion Check

Press **OK**. The Call Diversion service number is dialled. Follow the prompts given.

Call Waiting

If an incoming call arrives while you are already on the phone, you will hear a soft beep every 5 seconds. This beep is not audible to the person you are speaking to. The second caller's number (and name if stored in the phonebook) will appear on the handset display.

Instead of the engaged tone, the second caller will hear an announcement to hold on as you are aware that there is a second call.

The name of the waiting caller will be displayed if you have stored their details in the phonebook and have subscribed to your network's Caller Display service.

- Press Menu then scroll ▼ to Calling Features and press OK.
- 2. Press a or to select:

Call Waiting On

Call Waiting Off

Call Waiting Check

Press **OK** to confirm. The Call Waiting service number is dialled. Follow the prompts given.

Reminder Call

You can request a BT reminder call for any time of day or night.

- Press Menu then scroll ♥ to Calling Features and press OK. Press ♥ to highlight Reminder Call then press OK.
- 2. Press ♠ or ♥ to select:

Reminder Call Set

Reminder Call Cancel

Reminder Call Check

Press **OK**. The Reminder Call service number is dialled. Follow the prompts given.

Reminder Call is a pay as you use service.

Edit number

This will enable you to edit the number dialled to access Call Diversion, Call Waiting or Reminder Call services.

Default settings

Call Diversion on	* 21 *
Call Diversion off	#21#
Call Diversion check	*# 21 #
Call Waiting on	* 4 3 #
Call Waiting off	#43#
Call Waiting check	*# 43#
Reminder call set	* 55 *
Reminder call cancel	#55#
Reminder call check	*# 55#

Handset settings

It's your phone, make it work the way you want.

The Handset menu lets you set a number of preferences for each handset.

Handset ringtone

You can choose from 5 melodies. You can set different melodies for internal and external calls.

- 1. Press Menu, scroll to Handset and press OK.
- 3. Scroll ♠ or ♥ to the melody you want. A sample is played. Press OK to confirm.
- 4. Press and hold Back to return to standby.

Ringer volume

There are five handset ringer volume levels and off. If you select off, calls will still ring at the base and your handset screen will indicate incoming calls.

- 1. Press Menu then scroll ♥ to Handset and press OK.
- 2. Scroll to Ring Volume and press OK.
- 3. The current setting is displayed. Press to increase or to decrease the volume. Press OK to confirm.
- 4. Press and hold Back to return to standby.

The default ringtone for *external* calls is Melody 1.

The default ringtone for *internal* calls is Melody 5.

If you select Ringer off, the 🗱 icon is shown on the display.

Handset name

You can change the name displayed on your handset's screen, e.g. to Peter, Kitchen etc. The name can be up to 8 characters long. The handset number is not altered.

- 1. Press Menu then scroll to Handset and press OK.
- 2. Scroll to Handset Name, then press OK.
- Press Clear to delete the existing name. Enter the handset name you want. If you make a mistake press Clear. Press OK to confirm.
- 4. Press and hold Back to return to standby.

Language

Choose the display language – English, Français, Deutsch, Italiano, Español, Nederlands or Portuguès.

- 1. Press Menu then scroll to Handset and press OK.
- 2. Press to highlight Language and press OK. Press or to highlight the language you want and press OK to select or Back to return to the previous menu.
- 3. Press and hold Back to return to standby.

Menu colour

You can select **Blue**, **Green** or **Pink** as the display menu colour.

- 1. Press Menu then scroll to Handset and press OK.
- 2. Scroll ♥ to Menu Colour, then press OK.
- Scroll or ■ to highlight the colour you want and press Save.
- 4. Press and hold Back to return to standby.

Auto talk

When the handset is on the base and the phone rings, you can answer a call just by picking the handset up from the base, without having to press the button. You can also end a call by placing the handset back on the base.

By switching Auto Talk off you have to press the button to answer a call. You can end a call by pressing the button or by placing the handset back on the base.

- 1. Press Menu then scroll to Handset and press OK.
- 2. Scroll to Auto Talk, then press OK.
 The current setting is highlighted.
- 3. Scroll ▲ or ▼ to switch between 0n and 0ff.

 Press OK to confirm your selection.
- 4. Press and hold Back to return to standby.

Handset default settings

Handset default settings		
Handset ringer volume	5	
Handset name	Studio	
Earpiece volume	3	
Ringer melody External Internal	1 5	
Display colours	Blue	
Auto Talk	On	

Base settings

The default base ringtone is Melody 5.

The default base ringer volume is 3.

What's your fancy?

Ringtone

Choose from 5 standard ringer melodies.

- Press Menu then scroll to Base Settings and press OK.
- 2. Press **OK** select Base Rinstone. Scroll **△** or **▼** to select the ringtone you want. As you highlight each option, you hear a quick sample.
- 3. Press **OK** to set the ringtone.

Ringer volume

There are five ringer volume levels and Off.

- 1. Press Menu then scroll to Base Settings and press OK. Press to highlight Base Volume then press OK.
- Scroll
 <u>a</u> to increase volume or
 <u>v</u> to decrease volume then OK to confirm.

Handset priority

Normally, if you have more than one handset registered to your base, they all ring at the same time. However, you can set one of them to ring before the others, so that calls can always be answered at one handset first.

1. Press Menu then scroll ▼ to Base Settings and press OK. Press ▼ to highlight Handset Priority then press OK.

Display highlights All Handsets. Press **OK** to select All Handsets to make all handsets ring together.

Or

- 2. Scroll ♥ to Select Handset and press OK. Scroll ♠ or to the handset you want to ring first. Press OK.
- Scroll a or to select the number of rings at the handset before the other handsets start ringing. Press OK to confirm.

System PIN

The System PIN is used for registering and deregistering handsets and some other optional settings. The default System PIN is 0000.

Press Menu then scroll to Base Settings and press OK. Press to highlight System PIN then press OK.

Protecting your settings

When entering a PIN the digits are shown as asterisks.

Keep track of your PIN

If you change the System PIN, keep a record of new number by writing in the space provided on page 66. You need your System PIN for registering handsets and for some other optional settings.

If you enter the PIN incorrectly the screen shows Incorrect Pin.

- 2. Enter the current PIN (Original setting 0000) and press **OK**.
- 3. Enter the new PIN, press **OK**. Confirm New PIN is displayed. Enter your new PIN again.
- 4. Press **OK** to confirm.

Default base settings

Base ringtone	Standard melody 5
Base ringer volume	5
System PIN	0000
Handset priority	All handsets

Time settings

Use your phone as an alarm clock.

Set the date and time and use your BT Studio 2300 to give you a reminder alarm.

You can have a different alarm setting for each handset registered to your base. The alarm rings only at the handset, not at the base or any other handset.

Set alarm

- Press Menu then scroll to Time Settings and press OK. Press OK to select Alarm.
- 2. Press **OK** to select <code>On/Off</code>. Scroll ♠ or ♥ to highlight the option you want:

On Once - alarm goes off just once.

On Daily - alarm goes off same time each day.

Off - alarm off.

Press **OK** to confirm.

3. If you are setting an alarm, the screen shows Time. Enter the time you want the alarm to go off, e.g. for 7.30am, then press OK to confirm.

IMPORTANT

If you have subscribed to your network's Caller Display service the date and time will be set automatically when you receive your first call and you will not need to set the date and time manually, although this is an option.

When the alarm is switched on, the standby icon shows the $\mathbf{\Lambda}$ icon

Alarm tone

From a choice of 4, you can set which ringtone is played for your alarm.

- Press Menu then scroll
 ▼ to Time Settings and press
 OK. Press OK to select Alarm.
- 2. Press ♥ to highlight Set Alarm Tone, and press OK.
- 3. Scroll ♠ or ♥ to select the Alarm Tone you want then press OK to confirm.

Switch alarm off

1. When the alarm sounds, press any button on the handset to switch if off.

Set date and time

- Press Menu then scroll ▼ to Time Settings and press
 OK. Press ▼ to highlight Set Date & Time then press OK.
- 2. Enter the date,
 - e.g. 2 0 0 for 22nd February. Press **OK** to confirm.

Additional handsets and bases

Expanding your system is easy.

Up to five handsets can be registered and operated from the BT Studio 2300.

You can make internal calls between two handsets while third is making an external call.

Each handset can be registered on up to four bases.

If you buy new handsets to use with your BT Studio 2300 they will have to be registered to the base before you can use them.

Register a new BT Studio handset

At the base:

Press and hold until you hear the base beep. Press
 OK to confirm. The handset screen then shows Handset
 Resistered. The handset reverts to standby and is given
 the first available handset number. You can now use the
 handset.

On the handset:

- Press Menu, then scroll down to Registration and press OK.
- 3. Register Handset is highlighted. Press OK.

You can create phonebook entries and adjust some handset settings such as ringer melody and volume on an unregistered handset or out of range handset.

IMPORTANT

Before registration, make sure the handset batteries are fully charged and that you are close to the base.

You can purchase additional handsets for your BT Studio 2300 by calling the BT Studio Helpline on 0870 605 8047. To register a GAP compatible handset to your BT Studio base, please refer to the instructions supplied with the handset you are trying to register.

All the bases that a handset can be linked to are indicated by an *.

- Enter the base's SYSTEM PIN (original setting 0000). Press OK.

Register handset with an additional base

A handset registered with one base can then be registered with up to three more bases, e.g. at work, at home, at a relative's home.

Please ensure that you are in range of the base unit before proceeding.

- 1. Press Menu then scroll ▼ to Registration and press OK.
- 2. Register Handset is highlighted. Press OK.
- 3. Scroll ♠ or ♥ to select the base. Press OK.
- Enter the selected base's SYSTEM PIN (original setting 0000). Press OK.
- 5. At the base: press and hold until you hear the base beep. The handset screen shows the base ID number, press OK. The handset reverts to standby and is given the first available handset number. It is now registered to the new base and ready for use.

Select base

You can switch your BT Studio handset between bases. You can also set it to automatically select the base with the strongest signal. The handset must first be registered with each base individually and you must be in range of the base unit.

- 1. Press Menu then scroll ▼ to Registration and press OK.
- Scroll to Select Base then press OK. The current base being used is highlighted.
- 3. Scroll ♠ or ♥ to select the base you want or Automatic to connect to the base with the strongest signal. Press OK.

De-register a handset

Use one handset to de-register another handset from the same base.

- 1. Press Menu then scroll ▼ to Registration and press OK.
- 2. Scroll down to De-Register. Press OK.
- Enter the system PIN (original setting 0000) then press OK. The screen lists all handsets registered to the base.
- Press Yes to confirm or No to return to the previous screen listing the handsets.

Replacing the handset batteries

After a time, you may find that the handset batteries are running out of charge more quickly. This is a standard sign of wear and the batteries will need replacing.

For spare 2 x AAA rechargeable NiMH batteries, please contact the BT Studio Helpline $0870\ 605\ 8047$.

Remove the battery compartment cover and remove existing batteries. Insert new batteries and replace the compartment cover.

NOTE: BT accepts no responsibility for damage caused to your BT Studio handset by using any other type of batteries.

Problems	Possible cause
No display	The batteries may be dead. Recharge or replace the batteries.
	Is the handset switched off? To switch the handset on, see page 16 .
No dial tone	Check that the telephone line cord is plugged into the phone socket.
	Check that the base is connected to the mains power and switched on.

Problems	Possible cause
You cannot link up with the base	Is the display flashing \P ? Check that the base is connected to the mains power and switched on.
	Are you are out of range? Move the handset closer to the base.
	Are the batteries low or flat? If so, charge the batteries or replace them if necessary.
	If using more than one base, check that you are connected to the correct base, <i>see page 53</i> .
No ring on the handset	Check that the ringer volume is switched on, see page 43.
	Check that the base is plugged into the phone socket and that it is also connected to the mains power and switched on.
Buzzing noise on my radio, TV, computer or hearing aid	Sometimes, your BT Studio 2300 and other DECT GAP compatible handsets can interfere with other electrical equipment if placed too close. Try moving it at least one metre away from such appliances.
The charging does not appear to be working	Check that the base is plugged into the mains socket and switched on.

Problems	Possible cause		
	Check that you are using the correct power adaptor plug. BT Studio 2300 base – Item Code 021604 BT Studio 2300 Twin charger – Item Code 021299 Check that the handset has slotted correctly into the base.		
	Check that the handset batteries have been correctly fitted.		
Cannot adjust an option in the base	Someone else might be making changes using another handset. Try again when the other handset user has finished.		
SMS messages cannot be sent and screen displays Unable To Send	The base station power supply or telephone line cord might not be properly connected. Check that the base station power supply is plugged into the mains socket and switched on and that the telephone is plugged into the telephone wall socket.		
	There might be a fault on the line. Check your telephone line is working properly.		
	You might have deleted the server number in error. Refer to <i>page 32-33</i> for instructions on how to enter the number.		
	Your SMS memory might be full. Delete unwanted text messages, see page 30.		

Problems	Possible cause
	More than one SMS product plugged into the line. Remove other products.
Cannot send text	Check Service Centre number is correct including 1470 prefix.
	Check call barring (option 4) is not activated on your line if you have the call barring service rented from BT.
Cannot receive text	Check Service Centre number is correct. Ensure you have subscribed to a Caller Display Service and that it is active. You can check this by noting if your phone displays data regarding your caller's number when you
	receive an incoming call.
Handset is registered to the SMS service and text has been previously sent and received but you are now only receiving incoming messages	This may be due to your handset being de-registered. All you need to do is type Register and send it to 00000. You will receive a confirmation message back. This assumes that your Caller Display service is active and working on your line.
as voice text	Note: Messages sent to 00000 are not charged for.

Further help and advice for SMS related queries on BT lines:

BT Residential customers – call 151, choose option 2, when prompted by the Fault Management Service select option 2, input your phone number on the handset and wait to speak to a customer adviser.

BT Business customers – call 154, choose option 2, when prompted by the Fault Management Service select option 2, input your phone number on the handset and wait to speak to a customer adviser.

For other telephone service providers please contact their customer services.

General sales enquiries:

BT Residential lines - call 150. BT Business lines - call 152.

For other telephone service providers please contact their customer services.

Billing enquiries:

Refer to the telephone number shown on your telephone bill.

Other functions and services available from the SMS service

By sending the following commands to the BT text self administration facility you can control functions and capabilities in your SMS phone and the way messages are handled.

Press Menu. Press Menu *again* to select SMS. Press **OK** to select Write message. Type in the following commands (depending upon what you wish to do) and press **Options** then **OK** to send to 00000.



This will enable you to opt out from receiving voice text messages.

- #1 # Turns off the opt out option.
- Turns on permanent voice text message delivery to your phone. This means *all* incoming text is delivered as voice text.
- Turns off permanent voice text message delivery.

If you are sending a message from a fixed line phone to another fixed line phone.

Forces a message sent to be delivered as voice text even though the recipient may have an SMS enabled phone and usually receives written text.

This command is inserted at the start of the message and applies only to that message, e.g. (**) If "Hello I will be home late".

If you are sending a message from a fixed line phone and require a status report.



Will allow a status report to be send back to you when you have sent a message to confirm delivery. Place at the start of your text message. Write the message and send it. You will receive a reply text back to your phone giving the status report for that message.

BT Studio Helpline

0870 605 8047

Call the dedicated BT Studio Helpline:

- if you are having difficulties using your BT Studio 2300
- if you need replacement batteries or mains power lead

Lines open 9am – 5.30pm, Monday to Friday and 9.30am – 2.30pm, Saturday

General information

Important

This equipment is not designed for making emergency telephone call when the power fails. Alternative arrangements should be made for access to emergency services.

This product is intended for connection to analogue public switched telephone networks and private switchboards in the United Kingdom.

Safety

General

- Only use the power supply included with the product. Using an unauthorised power supply will invalidate your guarantee and may damage the telephone. The item number for the power supply used with the base is 021604. The item number for the power supply used with the charger is 021299 (only applicable when you have purchased the BT Studio 2300 Twin).
- Use only the approved rechargeable batteries supplied. Spare rechargeable batteries are available from the BT Studio Helpline 0870 605 8047.
- Do not open the handset (except to replace the handset batteries) or the base. This could expose you to high voltages or other risks. Contact the Helpline for all repairs.
- Radio signal transmitted between the handset and base may cause interference to hearing aids.
- It is recommended that advice from a qualified expert be sought before using this product in the vicinity of emergency/intensive care medical equipment.

- It is recommended that if you have a pacemaker fitted you check with a medical expert before using this product.
- Your product may interfere with other electrical equipment, e.g. TV and radio sets, clock/alarms and computers if placed too close. It is recommended that you place your product at least one metre away from such appliances to minimise any risk of interference.
- Never dispose of batteries in a fire. There is a serious risk of explosion and/or the release of highly toxic chemicals.

Cleaning

Simply clean the handset and base with a damp (not wet) cloth, or an anti-static wipe. Never use household polish as this will damage the product. Never use a dry cloth as this may cause a static shock.

Environmental

- Do not expose to direct sunlight.
- The produce may heat up when the batteries are being recharged or during prolonged periods of use. This is normal. However, we recommend that to avoid damage you do not place the product on antique/veneered wood.
- Do not stand your product on carpets or other surfaces which generate fibres, or place it in locations preventing the free flow of air over its surface.
- Do not submerge any part of your product in water and do not use it in damp or humid conditions, such as bathrooms.

- Do not expose your product to fire, explosive or other hazardous conditions.
- There is a slight chance that your phone could be damaged by an electrical storm. We recommend that you unplug the power and telephone line cord from the base for the duration of the storm.

Guarantee

Your BT Studio 2300 is guaranteed for a period of 12 months from the date of purchase.

Subject to the terms listed below, the guarantee will provide for the repair of, or at BT's or its agent's discretion the option to replace the BT Studio 2300 or any component thereof, (other than batteries), which is identified as faulty or below standard, or as a result of inferior workmanship or materials. Products over 28 days old from the date of purchase may be replaced with a refurbished or repaired product.

The conditions of this guarantee are:

- The guarantee shall only apply to defects that occur within the 12 month guarantee period.
- Proof of purchase is required.
- The equipment is returned to BT or its agent as instructed.
- This guarantee does not cover any faults or defects caused by accidents, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than through approved agents.
- This guarantee does not affect your statutory rights.

Within the 12 month guarantee period:

If you experience difficulty using the product, prior to returning it, please read the Help section beginning on page 54, or contact the BT Studio Helpline on 0870 605 8047, 9am to 5.30pm Monday to Friday and 9.30am to 2.30pm Saturday.

In the unlikely event of a defect occurring, please follow the Helpline's instructions for replacement or repair.

Outside of the 12 month guarantee period:

If your product needs repair after the guarantee period has ended, the repair must meet the approval requirements for connection to the telephone network. We recommend that you contact BT's approved repair agent, TecLogic on 08702 405029 or a local qualified repairer.

Returning your phone

If the Helpline is unable to remedy your problem they will ask you to return the product. Where possible, pack the product in its original packaging. Please remember to include all parts, including the line cords, power supply units and the original batteries. (Please note that we cannot take responsibility for goods damaged in transit.) Please obtain and keep proof of posting from the Post Office or Carrier.

Technical information

How many telephones can you have?

All items of telephone equipment have a Ringer Equivalence Number (REN), which is used to calculate the number of items which may be connected to any other telephone line. Your BT Studio 2300 has a REN of 1. A total REN of 4 is allowed. If the total REN of 4 is exceeded, the telephone may not ring.

With different telephone types there is no guarantee of ringing, even when the REN is less than 4.

- Only use the approved power adaptor and charger.
- Only use approved AAA NiMH rechargeable batteries.

Connecting to a switchboard

This product is intended for use within the UK for connection to public telephone network and compatible switchboards, which support tone dialling and timed break recall. If in doubt please consult your service provider.

Access code and entering a pause

If you are connecting your BT Studio 2300 to a switchboard/PBX you may need to prefix stored numbers with an access code (e.g. 9) in order to get an outside line. So that the switchboard has time to pick up an outside line, you may also need to add a Pause after the access code.

PABX access code

- 1. Press Menu then scroll ▼ to Handeset and press OK.
- 2. Scroll ♥ to PABX access code and press OK.
- 3. Display shows Set Code. Press OK.
- 4. Enter your PABX access code and press Save.
- 5. Scroll **▼** to 0N and press **OK**.
- 6. Press and hold Back to return to standby.

Entering a pause

A pause is entered when storing a number in the phonebook (see page 22) or PABX access code by pressing and holding the button until the display shows P.

Recall

The (Recall) button is used when connected to certain switchboards (PBXs) and with some BT Calling Features, or equivalent services available via your Network Provider.

Declaration of Conformance

Hereby, Suncorp Technologies declares that this BT Studio 2300 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The Declaration of Conformance for the BT Studio 2300 is published on the website: http://www.suncorptech.com/bt

R&TTF

This product is intended for use within the UK for connection to the public telephone network and compatible switchboards.

This equipment complies with the essential requirements for the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC.

For your records					
Date of purchase:	Enter your BT Studio 2300 ba: PIN here:				ase
Place of purchase:		-	/	/	
	(see	page 4	7 for mor	e inform	ıati
Serial number:	Enter your BT Studio 2300 SM: security code here:			MS	
For guarantee purposes proof of purchase is required so please	[/	/	/	
keep your receipt.	see (see	page 3:	5 for mor	e inform	iatio

47 for more information) BT Studio 2300 SMS de here: 35 for more information) RT accessories and replacement items

For a full range of accessories and replacement items for BT products please call 0870 240 5522, or visit:



Visit us at www.bt.com



Offices worldwide

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