

Spirit 410 Corded Telephone

USER GUIDE

Unpacking your phone

In the box you will find:

- Base Unit
- Handset
- Coiled Handset cord
- Telephone line cord for Base unit
- User manual

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

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



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

Calls are charged at Local Call rate.

Binatone

Important note---back up batteries

The Spirit 410 requires 2 x 1.5V AAA size Alkaline batteries installed into the battery compartment before use.

Warning: The caller display will not work without batteries installed.

1. Where to find it



1. LCD Screen
2. One-Touch Memory buttons
3. Scroll Up & Down buttons
4. Delete button
5. Set/Store button
6. Memory button
7. LNR(Last Number Redial) button
8. Speakerphone button
9. Mute button
- 10.R(Recall) button
- 11.Pause button

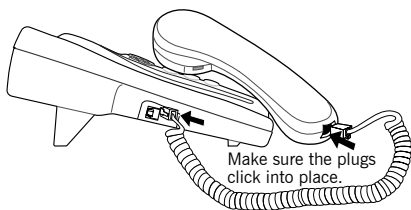
2. Installation

1. Locating the Base unit

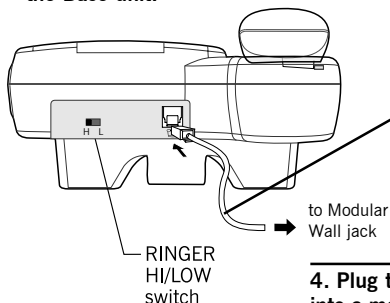
The Base unit should be placed on a level surface, in a position where:

- the **telephone line cable** will reach your telephone line socket or extension socket.
- it is **not close to a sink, bath or shower**, or anywhere else where it might get wet.
- it is **not close to other electrical equipment** - fridges, washing machines, microwave ovens, TVs, fluorescent lights, etc.

2. Plug the coiled handset cord into the Handset. Plug the other end into the jack on the left side of the Base unit.



3. Place the Handset in the Base unit.



Always use the telephone line cord supplied with your Spirit 410 phone. Other telephone line cords may not work.

4. Plug the telephone line cord free end into a modular wall jack.

Press the cable into the groove so that the Base unit stands level.

5. Lift the Handset and check for Dial tone in the earpiece.


Installing (or Replacing) the Battery

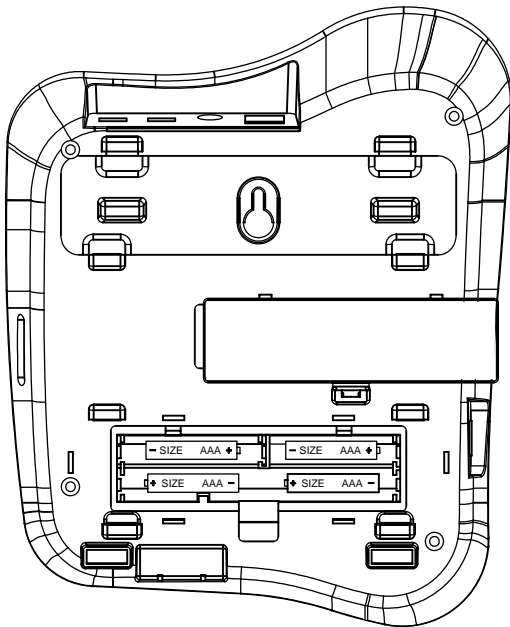
IMPORTANT - Before removing the battery compartment cover, always make sure the base unit is disconnected from the telephone line.

- Install 2 pcs of Alkaline AAA batteries into the battery compartment and place back the cover before use.

Note: 1) Please do NOT use Rechargeable batteries in this phone.

2) Battery is not included the unit

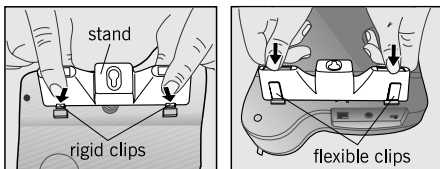
When the battery is low,  will show up of the display screen. If you do not replace the batteries, they will become totally discharged and your display screen will not work.



3. Desk/Wall mount installation

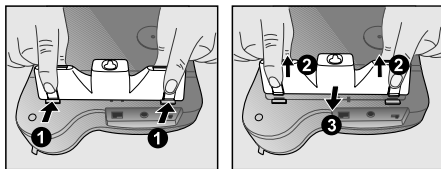
Desk Mount

To place the Spirit 410 on a desk, connect the stand to the bottom of the phone in the slots near the rear of the base as shown below.



Insert the rigid clips of the stand into the slots on the bottom of the phone (near the rear of the base). Press down firmly until the flexible clips clicks into place.

To remove the stand, (1) pinch the flexible clips, (2) pull back the stand, and then (3) slide up and forward (3) as shown below.



Wall Mount

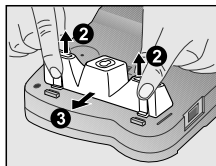
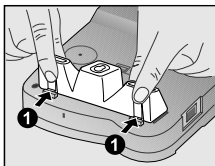
To place the Spirit 410 on a wall, connect the stand to the bottom of the phone in the slots near the front of the base cover as shown below.



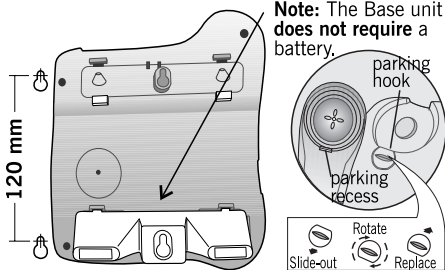
Desk/Wall mounting continue...

Insert the rigid clips of the stand into the slots on the bottom of the phone (near the front of the base). Press down firmly until the flexible clips clicks into place.

To remove the stand, (1) pinch the flexible clips, (2) pull back the stand, and then (3) slide up and forward as shown below.



Mark two points on the wall that are 120 mm apart to lay the fixing centers as shown below.



Note: The Base unit does not require a battery.

BE CAREFUL to check that there are no electrical wires hidden in the wall. Fix two screws (supplied with the unit) at the marked locations, leaving approximately 7mm between the wall and the the screw head. Hang the cradle unit on the screws using the wall mount slots. *You may need to remove the telephone from the wall and tighten the screws so that the cradle is securely fixed and does not wobble.* Place the Handset on the cradle with the **parking hook** on the cradle arranged to fit in the **parking recess** under the earpiece on the Handset.

4. Setting up your phone

Press the **SET/STO** button to enter the menu and then use **UP** or **DOWN** buttons to cycle through the following options:










- **SET 1 DATE**
- **SET 2 LCD**
- **SET 3 FLASH**





Note: The system will time out if you leave more than 8 seconds between key presses.

Set Time/Date







You will need to set the correct time and date so they can be displayed correctly on the display.

If you subscribe to a Caller Display service, the time and date will be set automatically on receipt of your first incoming call.






- 1  **In standby mode, press SET/STO button.**
⇒ The display shows ' **SET 1 DATE** '.
- 2  **Press SET/STO button to confirm.**
⇒ The 'year' icon will be blinking.
- 3  **Press UP or DOWN button to set the year.**
- 4 CDS  **Press SET/STO button to confirm.**
⇒ The 'month' icon will be blinking.
- 5 CDS  **Press UP or DOWN button to set the month.**
- 6 CDS  **Press SET/STO button to confirm.**
⇒ The 'date' icon will be blinking.
- 7 CDS  **Press UP or DOWN button to set the date.**
- 8 CDS  **Press SET/STO button to confirm.**
⇒ The 'hour' icon will be blinking.
- 9 CDS  **Press UP or DOWN button to set the hour.**
⇒ When setting the 'hour', the 'AM' or 'PM' icon will automatically turn on to correspond the hour time.

- 10  **Press SET/STO button to confirm.**
⇒ The 'minute' icon will be blinking.
- 11  **Press UP or DOWN button to set the minute.**
- 12  **Press SET/STO button to confirm the setting.**
⇒ The display shows 'SET 2 LCD', you can continue with programming, or press **DELETE** button to return to standby mode.
- 

Set LCD Contrast

- 1  **In standby mode, press SET/STO button.**
⇒ The display shows 'SET 1 DATE'.
- 2  **Press UP or DOWN button until the display shows 'SET 2 LCD'.**
- 3  **Press SET/STO to confirm.**
- 4  **Press UP or DOWN button to select your comfortable display viewing level (1~8). The default setting is 3.**
- 5  **Press SET/STO button to confirm the setting.**
⇒ The display shows 'SET 2 LCD', you can continue with programming, or press **DELETE** button to return to standby mode.
- 




Set Flash Time

- This telephone gives you the possibility to use the special services of your network provider. When pressing the **RECALL** button, the phone generates a line interruption and the length depends on your Flash Time setting.
- 1  **In standby mode, press SET/STO button.**
⇒ The display shows 'SET 1 DATE'.
- 2  **Press UP or DOWN button until the display shows 'SET 3 FLASH'.**
- 3  **Press SET/STO to confirm.**
- 4  **Press UP or DOWN button to select 100 (default), 300, 600, or 1000.**
- 




- 5  **Press SET/STO button to confirm the setting.**
⇒ The display shows ' **SET 1 DATE** ', you can continue with programming, or press **DELETE** button to return to standby mode.
- 

5. Telephone Operations



Making a call

- 1  **Lift the Handset, listen for a dial tone.**
⇒ The display shows ' **00-00** '.
- 2  **Dial the telephone number you wish to call.**
⇒ The display shows the number as you dial (maximum of 14 digits will be shown).
- 3  **To end the call, return the Handset to the Base unit.**

Receiving a call

- 1  **When the phone rings, the ringer indicator flashes and the incoming phone number will be shown on the display.**
- 2  **Pick up the Handset to answer the call.**
⇒ The call timer starts about 7 seconds after going on line.
- 3  **To end the call, return the Handset to the Base unit cradle.**

Last Number Redial

- 1  **Lift the Handset.**
- 2  **Press LNR button.**
⇒ The phone automatically dials the last number you called (maximum of 32 digits).

Mute Function

1




During a call press MUTE  button.

⇒ When the mouthpiece is muted, the person at the other end of the call cannot hear you but you can hear his side.

2



To get back to the call, press MUTE  button again to release.

Inserting a Pause in the dialing sequence



For some switchboard system, an access number must be dialed (usually an 8 or 9) to get another dial tone and an outside line.

Pressing PAUSE button immediately after the access number, a pause of about 3.6 seconds will be entered, and the desired number can be dialed immediately.



Press PAUSE button to insert a pause when dialing or storing Long Distance Access Codes.

Use on PBX



If you are using your Spirit 410 phone on a PBX, and the PBX user guide tells you to press **RECALL**;

Press R (RECALL) button on your Spirit 410 phone.

Making a call from the outgoing call records

1



The telephone remembers the last 5 **outgoing calls**.

In waiting mode, press CHECK button.

⇒ The most recent outgoing call number and duration will be displayed.

2







Press CHECK repeatedly to find the record you wish to call.

3






Press BACK button to auto-redial.

Deleting an outgoing call record

-  **In waiting mode, press CHECK button.**
⇒ The most recent outgoing call number and duration will be displayed.
-  **Press CHECK repeatedly to find the record you wish to delete.**
-  **Press DELETE button.**
⇒ The display shows the next record.
-  **Press and hold DELETE button 3 seconds will delete all outgoing call records.**

Storing a Number in a One-Touch memory

-  **Lift up Handset, press SET/STO button.**
-  **Press M1 button and then telephone number, up to 16 digits.**
⇒ The largest length cannot exceed 14 digits and if exceed, the memory will not store the correct number.
-  **Press SET/STO button to confirm the storing number.**

Dial out Stored number

-  **Lift up Handset, press M1 button.**
⇒ The number dials automatically.


6. Caller Display Operation

VERY IMPORTANT:

To use Caller Display you must first subscribe to your network provider's Caller Display service.

If you subscribe to a Caller Display service, you can see the phone number of the person calling you before you answer. The caller display information includes:

- The caller's number
- The date and time of the call

Condition of Incoming Caller Information	LCD Screen will display
It is a duplicate one	REP
It is a new one	NEW
It has exceeded the range of the service	UNAVAILABLE
It is a secret one	WITHHELD
It may not be nicety for the reason of outside	ERROR
There is a voice information in your mailbox (This function is available only when you have applied for this service from your telecommunication network)	

Caller Display list

Spirit 410 dynamically stores up to 30 groups (12digits) incoming information. If a call is received when the Call list is full, then the new entry will replace the oldest one.

Viewing the Caller Display list

1



In standby mode, press UP or DOWN Dutton.

⇒ The display shows the most recent record.

If there are no Caller Display records, the display will show ' **OO CALL** '

2



Press UP or DOWN again to scroll to the next Caller Display record.

To return a call

1



When the Caller Display record is displayed. Press BACK button.

⇒ The phone automatically dials out the displayed record.

To delete Caller Display record

DEL

When the Caller Display record is displayed. Press DELETE button will delete the Caller Display record.

⇒ The display shows the next Caller Display record.

DEL

Press and hold DELETE button 3 seconds, all the Caller Display records will be deleted.

⇒ The display automatically return to standby mode.

7. Operational notes

Electrical safety

- **DON'T let the Base unit get wet.** Electrical equipment can cause serious injury if used while you are wet or standing in water.
 - If the Base unit ever falls into **water**, **DON'T** retrieve it until you have unplugged the power lead from the mains and the telephone line plug from the telephone socket; then pull it out by the unplugged cables.
 - **NEVER use your Spirit 410 outdoors during a thunderstorm**
 - unplug the Base unit from the telephone line when there are storms in your area. Damage caused by lightning is not covered by the guarantee.
-

Locating the Base unit


The Base unit should be placed on a level surface, in a position where:

- the **telephone line cable** will reach your telephone line socket or extension socket.
 - it is **not close to a sink, bath or shower**, or anywhere else where it might get wet.
 - it is not close to other electrical equipment - fridges, washing machines, microwave ovens, TVs, fluorescent lights, etc.
-

Cleaning and care

- Don't clean any part of **Spirit 410** with benzene, thinner or other solvent chemicals - this may cause permanent damage which is not covered by the Guarantee. When necessary, **clean it with a damp cloth.**
- Keep your **Spirit 410** 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 **Spirit 410**. However, if something does go wrong, please **do not try to repair it yourself** - consult your supplier or the Binatone Help Line.

8. Troubleshooting

-  **The Spirit 410 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 the steps listed on Section 2 to install and set up your Spirit 410.
- all connectors are firmly inserted in their sockets.
- the batteries are correctly and securely installed, and are not run down.

Everyday use

“I cannot make or answer calls.”

Make sure you're using the **telephone line cable** that supplied with your Spirit 410. Other telephone line cables might not work.

“The phone does not ring”

Make sure you're using the **telephone line cable** that supplied with your Spirit 410. Other telephone line cables might not work.

Check that the **total REN value** of all equipment connected to your telephone line is not more than 4. Disconnect one or more telephones.

“The Caller Display feature isn't working”

You need to subscribe to the Caller Display service from your network service provider. Contact the local network service provider for details on how to subscribe.

The caller may have **withheld** their number by dialing 141. Or they may be calling from a network that does not transmit the caller's number (e.g. it may be an international call.)

“ERROR message is displayed”

ERROR appears in the display if the unit detects anything other than valid Caller Display information during silent period after the first ring. This message indicates either the presence of noise on the line, or that an invalid message has been sent from the network service provider.

Be sure to wait until the second ring before answering.

PBX use

“Last Number Redial and/or memory dialing don't work on a PBX”

When you first make a call, try pressing the **PAUSE** 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 dialing the telephone number, press the **PAUSE** button for a pause between the access digit and number.

“My Spirit 410 system won't work properly on a PBX”

You may need to change the **RECALL** setting. Call **Binatone Help Line** for advice. It will help if you have your PBX documentation on hand when you make the call.

If the fault persists ...

Disconnect all other instruments connected to the same line as the Spirit 410 and see whether you can 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, or your cable company).

If you still cannot identify the cause of the problem, contact the **Binatone Help Line** on **0845 345 9677**. Calls are charged at Local Call rate.

9. Guarantee and service

The Binatone Spirit 410 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. This does not affect your statutory rights.

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

In the unlikely event that you need to return your Spirit 410 to our Repair Centre while it is under guarantee, there will be a £5 handling charge.

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 Spirit 410, 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.

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 **0845 345 9677** and ask for a quotation of the repair charge and details of where to send your Spirit 410 for repair.
4. Make sure you include with your Spirit 410:
 - your name and address.
 - a cheque or postal order for the value of the repair charge.
5. Return your Spirit 410 to the address given by the Service Department.

10. Technical details

Standard	Spirit 410 Telephone
Temperature range	Operating 0 °C to 40 °C Storage -20 °C to 60 °C
PBX compatibility	Timed break recall: 98 ms. Pause length: 3.6 seconds. Signalling type: DTMF (dual-tone multifrequency) also called tone dialing.
Network connection	This equipment is intended to be used in the UK only. Operation on other countries' PSTN termination points cannot be guaranteed.

Declaration of conformity

The Binatone Spirit 410 phone complies with the essential protective requirements and objectives of:

- EC R&TTE Directive 1999/5/EC
- EC Low Voltage Directive 2006/95/EC
- EC EMC Directive 89/336/EEC

and conforms to the following relevant harmonized standards:

- Network: TBR37, TBR38
- EMC: EN 55022, EN 55024
- Safety: EN 60950



Waste electrical products must not be disposed of with household waste. This equipment should be taken to your local recycling centre for safe treatment.

Binatone operates a policy of continuous product improvement, and so reserves the right to make changes to the product and functions without notice.

Binatone Help Line - 0845 345 9677

Calls are charged at Local Call rate.

Connection and conditions for use

You can connect your Spirit 410e phone to a direct exchange line (DEL) - a line connected to a local exchange, with its own phone number; to an extension socket connected to a DEL; or to an extension on an approved compatible PBX. Do not connect the Spirit 410 phone as an extension to a pay phone.

The **ringer equivalence numbers (RENs)** of all instruments (phones, fax machines, 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 Spirit 410 phone has a REN of 1, and most other telephones have a REN of 1 unless marked otherwise.

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3. Wall mount installation
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10. Technical details

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

Calls are charged at Local Call rate.

Pressing buttons on your phone

- When the instructions in this user guide tell you simply to '**press**' a button, this means that you should **press the button briefly, then release it**.
- When the instructions tell you to '**press and hold**' a button, this means you should **keep the button pressed** until the display changes and/or you hear a tone.