

# Binatone

## USER GUIDE

Luna 1120  
Luna 1120 Twin  
Luna 1120 Triple  
Luna 1120 Quad

Digital Cordless Telephone  
with Answer Machine



### Binatone Helpline (for UK only)

Monday to Friday from 8.00am to 8.00pm

Saturday from 8.30am to 2.00pm

Tel: 0844 557 9677

Calls cost up to 5p per minute from a BT landline,

but other providers and mobile operators may charge more.

Or visit our website: [www.binatoneglobal.com](http://www.binatoneglobal.com)

**THIS EQUIPMENT IS NOT DESIGNED FOR MAKING  
EMERGENCY TELEPHONE CALLS WHEN THE POWER  
FAILS. ALTERNATIVE ARRANGEMENTS SHOULD BE  
MADE FOR ACCESS TO DIAL EMERGENCY SERVICES.**

Before operating this set,  
please read these instructions carefully.

## TECHNICAL DETAILS

Standard	Digital Enhanced Cordless Telecommunication (DECT)
Frequency range	1.88 to 1.9 GHz (bandwidth = 20 MHz)
Channel bandwidth	1.728 MHz
Operating range	Up to 300m outdoors; up to 50m indoors
Operating time	Standby: 100 hours; Talking: 10 hours Battery charge time: 15 hours
Temperature range	Operating 0°C to 40°C; Storage -20°C to 60°C
Electrical power	<b>Base unit:</b> Vtech - VT04EUK06045 / VT04EEU06045 input 100-240VAC 50/60Hz 150mA, output 6VDC 450mA Ruijing - RJ-AS060450B001 / RJ-AS060450E002 input 100-240VAC 50/60Hz 150mA, output 6VDC 450mA <b>Charger unit:</b> Vtech - VT04EUK06045 / VT04EEU06045 input 100-240VAC 50/60Hz 150mA, output 6VDC 450mA Ruijing - RJ-AS060450B001 / RJ-AS060450E002 input 100-240VAC 50/60Hz 150mA, output 6VDC 450mA <b>Battery information as below:</b> CORUN-Ni-MH AAAJ400, Type Ni-MH (Rechargeable battery) Voltage Rating 400mAh, 2 X 1.2V AAA Size GPI-VT40AAAHC, Type Ni-MH (Rechargeable battery) Voltage Rating 400mAh, 2 X 1.2V AAA Size Coslight-LH040-3AH45, Type Ni-MH (Rechargeable battery) Voltage Rating 400mAh, 2 X 1.2V AAA Size <b>Use only adaptors and batteries listed above.</b>

### Caution

Risk of explosion if battery is replaced by an incorrect type

Dispose of used batteries according to the instructions.

### Port specification

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

The port (connected to the telephoneline) is a TNN port with respect to EN41003.

### CLEANING AND CARE

Do not clean any part of your phone system 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 phone system 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 phone system. However, if something does go wrong, please do not try to repair it yourself, but consult your supplier or the Helpline.

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## 2 INSTALLING YOUR PHONE

### 2.1 Connecting the base station

- 1) Plug the power supply and line cord into the base station.
- 2) Plug the power adapter into a 100-240V 50/60Hz mains socket, and the line cord into your telephone line socket.
- 3) Always use the cables provided in the box. Warning: Use only the provided power adapter, as others may cause a hazard. Warning: Install the base unit in a position where the mains adapter plug will reach an easily accessible mains socket. Never try to lengthen the mains power cable.

**Note:** The base unit needs mains power for normal operation, not just for charging the handset batteries.

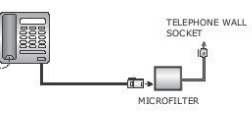
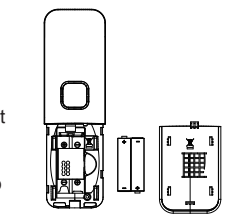
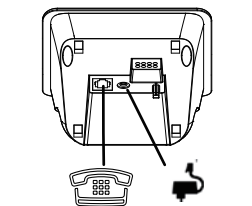
### 2.2 Installing and charging the batteries

- 1) Place the 2 supplied batteries into the battery compartment with the polarity markings as shown. Use only the NiMH rechargeable battery type provided.
- 2) Position the battery compartment cover over the batteries and slide up to click into place.
- 3) Put the handset on the base and charge for 15 hours before using the handset for the first time. The handset will give a beep when it is properly placed on the base or charger.

**Note:** To charge a handset you can put it face-up or face-down on the base or charger.

If you have a Broadband line

If you connect your telephone to a line with a broadband connection, you will need to insert a micro-filter 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 micro-filter connected, not just the one at the telephone point that your modem is connected to. If you need more broadband micro-filters, contact your broadband supplier.



## 3 GETTING TO KNOW YOUR PHONE

### 3.1 Handset Overview

#### 1 UP (CALL)

From idle: access the Call List  
In lists: move up the options  
During calls / ringing: increase the volume.

#### 2 LEFT SOFT KEY (JOK)

Use with icons on display above, to open menu and confirm options.

#### 3 TALK ON (Talk)

Make or answer calls

#### 4 DOWN (VOL)

In lists: move down the options  
During calls / ringing: decrease the volume.

#### 5 REDIAL (Redial)

From idle: access the Redial List

#### 6 RIGHT SOFT KEY (Mute)

Use with icons on display above, to clear characters, go back to previous menu, mute the microphone or make an intercom call.

#### 7 TALK OFF (Off)

End a call or return to previous menu.

Press and hold to turn the handset on / off.

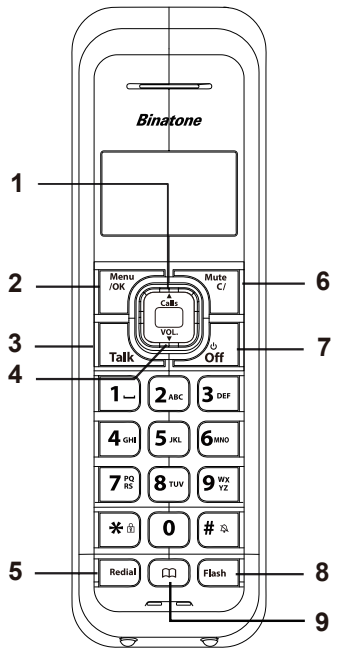
#### 8 R - RECALL (Flash)

also called Flash

Sends a recall (R) signal, used for some PBX / Calling Features.

#### 9 PHONEBOOK (P)

Press to open the Phonebook list.



## 3.2 Base Station with Telephone Answering Machine( TAM) Control

### SKIP BACKWARD <<

Press to reset playing the current message from the beginning.  
Press twice to skip back to the previous message.

### SKIP FORWARD >>

Press to skip the current message and play the next message.

### PLAY/STOP >||

Press to play the messages.  
Press to stop messages playing.

### FIND >F<

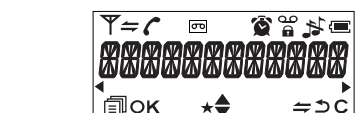
Press to find your handset. It will ring for approximately 60 seconds.

### TAM ON/OFF (Answer)

Press to turn on the answering machine. Press again to turn off the answering machine.

## 3.3 Display icons and Symbols

The LCD display gives you information on the current status of the telephone.



### Steady when the handset is in range of the base. Flashes when out of range of the base or not registered to the base.

### Steady when an intercom call is in progress. Flashes when there is an incoming internal call.

### Indicates a call is in progress on that handset.

### Indicates that your answering machine (TAM) is on and flashes when there is a new message.

### Indicates that the handset ringer is switched off.

### Steady when an alarm is set. Flashes when the alarm is sounding.

### Indicates that the keypad is locked.

### Indicates when you have a new Voice Mail message. (This is a Caller Display service and is not usually available from UK network providers.)

### Indicates when the battery is fully charged. Whole icon flashes when the battery is charging. Internal block icon flashes when the battery is in final charging stage.

### Indicates when the battery needs charging. Indicates when the battery needs charging.

### Indicates when there are more characters or numbers in front of those being displayed.

### LEFT SOFT KEY function. Press to access the main menu.

### LEFT SOFT KEY function. Press to confirm the current selection.

### Indicates a new TAM message is playing or a new Call List entry is being displayed.

### Indicates you can scroll up / down the menu items / Phonebook list / Redial list / Call List

### RIGHT SOFT KEY function. Press to start an intercom call.

### RIGHT SOFT KEY function. Press to go back to the previous menu level or cancel the current action.

### RIGHT SOFT KEY function. Press to clear a character, stop the alarm, or mute/unmute the microphone during a call.

Indicates that the handset ringer is switched off.

Steady when an alarm is set. Flashes when the alarm is sounding.

Indicates that the keypad is locked.

Indicates when you have a new Voice Mail message. (This is a Caller Display service and is not usually available from UK network providers.)

Indicates when the battery is fully charged. Whole icon flashes when the battery is charging. Internal block icon flashes when the battery is in final charging stage.

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RIGHT SOFT KEY function. Press to clear a character, stop the alarm, or mute/unmute the microphone during a call.

## 3.4 Menu Structure

In idle mode, press <OK/MENU> to go to CALL LIST, the first option in the menu list. Press <UP> or <DOWN> to go to other options in the menu list. Press <OK/MENU> to enter a sub-menu or function.

Press <C/MUTE> to go back to the previous level.

Refer to the following for the menu structure.

## 5 PRIVATE PHONEBOOK

Each handset can store up to 20 private phonebook entries with names and numbers. Each phonebook entry can have a maximum of 20 digits for the phone number and 12 characters for the name. You can also select different ringtones for your phonebook entries. (**Note:** the different ringtones only apply if you subscribe to Caller Display and the incoming number matches the stored number.) Phonebook entries are stored alphabetically by name.

### 5.1 Add a New Phonebook Entry

- In idle:
1. Press <PHONEBOOK> to access the phonebook. **OR** Press <MENU/OK> and <UP/DOWN> to select **PHONEBOOK** and then press <MENU/OK> to access the phonebook.
  2. Press <MENU/OK> to show **ADD**.
  3. Press <MENU/OK> and then enter the name.
  4. Press <MENU/OK> and then enter the number.
  5. Press <MENU/OK> and <UP/DOWN> to select the desired ringtone for your phonebook entry.
  6. Press <MENU/OK> to store the phonebook entry.

### 5.2 Search for a Phonebook Entry

- In idle:
1. Press <PHONEBOOK> to access the phonebook.
  2. Enter the first letter of the name using the alphanumeric keys (e.g. if it begins with C, press the 2 key three times), and then <UP/DOWN> to scroll to the entry you want.

### 5.3 View a Phonebook Entry

- In idle:
1. Press <PHONEBOOK> to access the phonebook.
  2. Press <UP/DOWN> to select the desired phonebook entry.
  3. Press <MENU/OK> and <UP/DOWN> to select **VIEW**.
  4. Press <MENU/OK> and <UP/DOWN> to review the name, number and ringtone of the selected phonebook entry.

**Note:** If the number is more than 12 digits, press <MENU/OK> or <C/MUTE> to view the remaining digits.

## 1 IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

- 1) Read and understand all the instructions.
- 2) Follow all warnings and instructions marked on the product.
- 3) Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 4) Keep your Luna 1120 away from hot, humid conditions or strong sunlight, and don't let it get wet or use this product near water (for example, near a bath tub, kitchen sink, swimming pool).
- 5) Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
- 6) Unplug this product from the wall outlet and refer servicing to our Repair Centre under the following conditions:
  - When the power supply cord or plug is damaged or frayed.
  - If the product does not operate normally by following the operating instructions.
  - If the product has been dropped and the cabinet has been damaged.
  - If the product exhibits a distinct change in performance.
- 7) NEVER use your Luna 1120 outdoors during a thunderstorm - unplug the base from the telephone line and the mains socket when there are storms in your area. Damage caused by lightning is not covered by the guarantee.
- 8) Do not use the telephone to report a gas leak in the vicinity of the leak.
- 9) Use only the supplied NiMH (Nickel Metal Hydride) batteries! The operation periods for the handsets are only applicable with the default battery capacities.
- 10) The use of other battery types or non-rechargeable batteries/primary cells can be dangerous. These may cause interference and/or damage to the unit or surroundings. The manufacturer will not be held liable for damage arising from such non-compliance.
- 11) Do not use third party charging bays. Damage may be caused to the batteries.
- 12) Please ensure the batteries are inserted in the correct polarity.
- 13) Dispose of batteries safely. Do not immerse them in water, burn them, or put them where they could get punctured.

## Package contents

The package contains the following items:

- 1 Handset
- 1 Base station
- 1 Mains power adapter
- 1 Telephone line cord
- 2 AAA rechargeable batteries
- 1 User manual

**Note:** If you have a Twin, Triple or Quad system, you will also have the requisite extra handset(s) and batteries, and a charger pod for each extra handset.

## Connection and conditions for use:

You can connect your phone to a direct exchange line (DEL) on 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 as an extension to a payphone. The ringer equivalence numbers (REN) of all equipment (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 phone has a REN of 1, and most other telephones have a REN of 1 unless marked otherwise.

## Handset - Base Connection

- 1) When purchased, all handsets are already registered to the base unit and should link to it when they are all powered up.
- 2) To use your cordless handset and base unit together, you must be able to establish a radio link between them. The signal between the handset and the base is in accordance with the normal standards for a DECT phone: Maximum range up to 300 metres outdoors or 50 metres indoors. Be aware that:
  - > Any large metal object, such as a refrigerator, mirror or filing cabinet, between the handset and the base unit may block the radio signal.
  - > Other solid structures, like walls, may reduce the signal strength.
  - > Other electrical equipment may cause interference and/or affect the range.
- 3) Do not place close to another telephone, a TV or audio equipment - it may cause interference.
- 4) Out of Range warning. If you hear a warning tone during a call, and/or the sound in the earpiece becomes faint or distorted, you may be going out of range of the base unit, so move nearer to the base unit within 20 seconds, otherwise the call may be cut off.

## 4 USING YOUR PHONE

### 4.1 Make a Call

#### 4.1.1 Preparatory Dialling

Enter the phone number and press <TALK ON> to connect to the line and dial the number. When entering the number, if you make a mistake, press <C/MUTE> to delete digits.

#### 4.1.2 Direct Dialling

Press <TALK ON> to connect to the line and then enter the phone number. (**Note:** If you enter a wrong digit you cannot correct it with the <C/MUTE> key.)

#### 4.1.3 Call from the phonebook

Press <PHONEBOOK> to access the phonebook and press <UP/DOWN> to select the desired phonebook entry.

Press <TALK ON> to dial out the selected phonebook entry.

**Note:** The alphanumeric keys provide a short-cut to find entries beginning with the corresponding letters.

**4.1.4 Call from the Call List (only available with Caller Display)**  
Press <UP> to access the Call List and press <UP/DOWN> to select the desired Call List entry.

Press <TALK ON> to dial out the selected Call List entry.

**4.1.5 Call from the redial list**  
Press <REDIAL> to access the redial list and press <UP/DOWN> to select the desired redial number.

Press <TALK ON> to dial out the selected redial number



