

# CASABI

**Scorpion**

**Quick Reference  
Manual**



# 1. Minimum Requirements

- Telephone connection (for making telephone calls)
- AC power connection
- Broadband Internet access (cable/DSL for accessing Scorpion features)
- Broadband router with an available LAN port

# 2. Parts Checklist

Verify that the package includes the following:



1. Quick Reference Manual



2. Telephone Base



3. Handset



4. Handset Charger



5. Battery



6. Ethernet Cable



7. Telephone Line Cord



8. Power Adapter

- |   |                        |   |   |
|---|------------------------|---|---|
| 1 | Quick Reference Manual | 6 | Ethernet Cable  |
| 2 | Telephone Base         | 7 | Telephone Line Cord   |
| 3 | Handset                | 8 | Power Adapter (two identical adapters for Telephone Base and for Handset Charger) |
| 4 | Handset Charger        |   |   |
| 5 | Battery                |   |   |

**Note:** Save the original packaging in case you may have to ship your telephone for warranty service.

### 3. Specifications

<b>Standard</b>	DECT (Digital Enhanced Cordless Telecommunications), GAP (Generic Access Profile)
<b>Number of channels</b>	120 duplex channels
<b>Frequency range</b>	1.88 GHz to 1.9 GHz
<b>Duplex procedure</b>	TDMA (Time Division Multiple Access)
<b>Channel spacing</b>	1,728 kHz
<b>Bit rate</b>	1,152 Kbps
<b>Modulation</b>	GFSK (Gaussian Frequency Shift Keying)
<b>RF transmission power</b>	250 mW (approx.)
<b>Voice coding</b>	ADPCM 32 Kbps
<b>Power source</b>	120 V, 60 Hz
<b>Power consumption</b>	<b>Base unit</b> Standby*: 2.5 W (approx.) Maximum: 4.5 W (approx.) <b>Charger</b> Standby: 1.0 W (approx.) Maximum: 4.5 W (approx.)
<b>Operating conditions</b>	<b>Temperature</b> 5 °C–40 °C (41 °F–104 °F), <b>Relative humidity (dry)</b> 20%–80%

\* Handset is off the charger but not in use.

### Dimensions

	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>Weight g (lb)</b>
<b>Handset</b>	138.8	49.0	23.2	105 (0.23)
<b>Base</b>	122.2	118.9	42.7	151 (0.33)
<b>Charger</b>	68.0	64.0	34.6	59 (0.13)

### Note

- Specifications are subject to change.
- The illustrations used in this manual may differ slightly from the actual product.

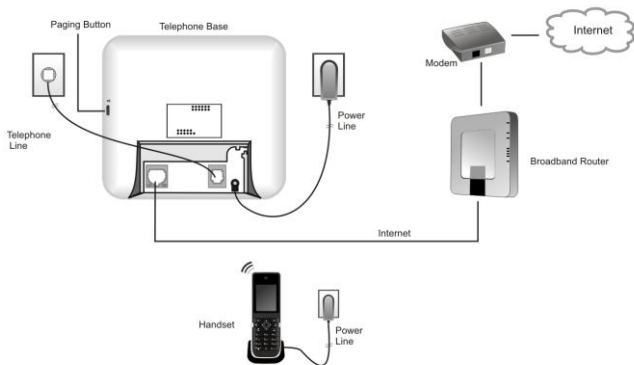
## 4. Installing the Scorpion Telephone Base

Before installing the Scorpion telephone base, ensure that the DHCP is enabled in the router. To configure the DHCP, refer to your router's documentation. To install the Scorpion telephone base:

1. Connect the telephone line cord to the telephone base and to the telephone outlet.
2. Connect the ethernet cable to the telephone base and to the broadband router.
3. Plug the base power adapter into the telephone base and connect the other end to an electrical outlet.

The power light should be steady, which indicates that the power is on.

The following diagram illustrates a typical network layout after installing the Scorpion.



## 4. Installing the Handset

To install the handset:

1. Plug the power adapter into the handset charger and connect the other end to an electrical outlet. The power adapters for the base and for the handset are identical.
2. Insert the battery into the handset.
3. Place the handset on the charger for charging. It is recommended that you charge the handset for 16 hours before first use.

After the battery is fully charged, you can expect the following performance:

Operation	Operating Time
While in use (handset/headset)	5 hours
While standby	5 days

You need to charge the battery when:

- The battery is new.
- The battery indicator on the handset display is empty and flashing red.

## Registering the Handset

You can register a maximum of five handsets for a telephone base. To register a handset:

1. Press and hold the paging button on the telephone base until the “Line in use” LED starts blinking.
2. On the handset, select the Menu softkey. If the Menu softkey is not available, press and hold the Off button until you see the idle screen with the Menu softkey.
3. From Menu Settings, select Phone Settings.
4. From Phone Settings, select Registration.
5. Select Yes to confirm registration.

After registration is successful, a circle is displayed in the upper-left corner of the screen. A filled green circle indicates a healthy signal from the telephone base, whereas an empty red circle indicates that there is no signal.




## 5. Scorpion Handset Layout

- 1 Earpiece**  
Audio output of the telephone.
- 2 Left softkey**  
For selecting the function displayed on the lower left of the screen.
- 3 Speaker**  
For turning the speaker on or off.
- 4 Talk**  
For getting a dial tone and for making a call.
- 5 1 Key**  
For typing "1" and selecting a special character.
- 6 \* Key**  
For typing \* and for switching between character input modes, Ab, AB, ab, 12.
- 7 Microphone**  
Audio input of the telephone.
- 8 # Key**  
For typing # and for entering a space between words.
- 9 Keypad**  
For dialing phone numbers and entering text.
- 10 Off**  
For ending a call and for returning to the idle screen.
- 11 Home**  
Press quickly to go back one level. Press and hold to go back to the Main screen.



- 12 Right softkey**  
For selecting the function displayed on the lower right of the screen.
- 13 Navigation Keys**  
For navigating menu screens and for positioning the cursor while writing or editing text. Press the center button to open the selected item.
- 14 Screen**  
The display.

## 6. Scorpion Standard Features

Features	Description
<b>Intercom</b>	To call between two Scorpion handsets, select Intercom, and then select the number of the handset you want to call. The handset number is displayed in the upper-left corner, inside the colored circle that indicates the handset's connection to the base station.
<b>Speaker Phone</b>	While in a call, the speaker phone can be enabled by pressing the speaker key.
<b>Redial</b>	To redial the last dialed number, press the Talk key, and then select the Redial softkey.
<b>Backlight Timer and Screen Saver</b>	The backlight timer controls the duration for which the display will remain on after a key is pressed. This is used only when the phone is left out of the cradle. Screen Saver allows you to set a screen saver and the duration after which it is displayed when the handset is not in use. Both these options can be set from Settings > Phone.
<b>Joining a Call</b>	To join a call, press the Talk key.
<b>Volume during a Call</b>	To change the volume while on a call, press the up or down navigation key. The change in volume is reflected on the screen. The change will affect both the speaker volume in speakerphone mode and the earpiece volume.
<b>Ringtones, Keytones, Ring Volume</b>	To modify ringtones, keytones, or ring volume, go to Settings > Phone > Sound.
<b>Call Logs</b>	Provides a list of all dialed, answered, and missed calls. The type of call is indicated by the following icons: Dialed Calls  Answered Calls  Missed Calls  To cycle through the lists of specific types of calls, press the left or right navigation key.
<b>Time and Date</b>	The date and time are automatically set when Scorpion is connected to the Internet and the activation process is complete. However, if your phone is not connected to the



Features	Description
	Internet or if there is a configuration issue, you can manually set the time from Settings > Phone > Date and Time.
<b>Alarm</b>	Each Scorpion handset can be configured with different alarm clock settings. The alarm clock feature will allow you to set the time, the melody, the frequency (once or daily), and the snooze time for the alarm. It also allows you to turn the alarm on or off without changing any of the other settings. When the alarm rings, the screen displays the alarm clock screen pop. While setting the alarm, always enter four digits (0938).

## 7. Service Registration




To register a Scorpion phone with your service provider and to avail of the features provided by the provider, follow the registration instructions displayed on the handset. These screens will be provided only during phone registration. If you have any problems during service registration, call your service provider for assistance.




To register for an individual feature, follow the screens that are displayed during the registration of that specific feature.

## 8. Scorpion Service Features

 <b>Yellow Pages</b>	Allows you to search for local businesses and listings. A search can be performed by typing in keywords or selecting a search string from Top Searches or All Categories. Use Options to modify your location or to redo previous searches. Results provide telephone numbers, addresses, and distances from your configured location. You can also save the result into your Scorpion address book and send the business address and phone number to your mobile phone.
 <b>TXT Messages</b>	Allows you to send and receive text messages. By accessing Options > Settings > TXT, you can specify



	<p>how Scorpion should alert you when a new message has been received. Alerting options include screen pops, icons, and beep tones. You can also configure multiple phone numbers to automatically receive a copy of any text message through the TXT Forward feature. When you receive a text message, you can easily save the number of the phone (from which you received the text message) into your Scorpion address book.</p>
 <b>Address Book</b>	<p>Allows you to access your Scorpion address book. The address book allows you to enter new contacts or save contact information from search results, voicemail messages, or text messages. Your address book can also be automatically synchronized with network address books that you may already have. Selecting an external network address book with which you want your address book to be synchronized and configuring synchronization is done in Settings. New address book options are being added regularly. If your current choice is not on the list, check back later.</p>
 <b>Voice Mail</b>	<p>Provides a visual list of all the voicemail messages that are stored in the network voicemail system. Allows you to view the list, listen to messages in any order, and delete the ones you no longer want to save. In Settings/Voicemail, you can specify how your handset should alert you. You can choose from screen pops, audible beeps, and icon alerts. The telephone number from which you receive a voicemail message can be easily saved into your Scorpion address book.</p>
 <b>Weather</b>	<p>Provides the day's weather report and a three-day forecast for up to three separate locations. To configure and/or change locations for which you want to view weather reports, select the "Location" softkey.</p>

 <b>Info (Channels)</b>	Provides information snippets such as news, sports, and horoscope.
 <b>Personal User Accounts</b>	Allows you to configure your own personal user account on Scorpion. With a personal account, you can set up your own text message list (messages from contacts in this list are stored in the personal account, and not in the general account), configure access to your e-mail account, create a personal Scorpion address book that you can synchronize with a network address book of your choice, access your own social networking accounts to send and receive updates. Social networking sites and e-mail providers are being added regularly. E-mail providers, social networking sites, and address book options are configured in Settings. If the site that you want to access is not available, check back later to see if it has been added.
 <b>Email</b>	Allows you to read, reply to, and delete e-mail messages from the account selected in your Scorpion personal user account. Because display limitations, e-mail attachments cannot be viewed in Scorpion.

## Useful Information

### Federal Communications Commission (FCC)

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:ACJ----- . If requested, this number must be provided to the telephone company.

- Registration No .....(found on the bottom of the unit)
- Ringer Equivalence No.  
(REN).....0.2

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with the product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for the product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316 {check w/ CCT}

When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult with your audiologist or Hearing Aid manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

## **Caution**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

## **Note**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce, or eliminate, interference.

### **FCC RF Exposure Warning:**

- This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- To comply with FCC RF exposure requirements, the base unit must be installed and operated 20 cm (8 inches) or more between the product and all person's body (excluding extremities of hands, wrist and feet).
- This product may not be collocated or operated in conjunction with any other antenna or transmitter.
- The handset may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided.

### **Notice**

This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.

### **Safety Instructions**

When using the product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read all instructions carefully.
2. Follow all warnings and instructions marked on the product.

3. Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a moist cloth for cleaning.
4. Do not use the product near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Do not cover slots and openings on the product. They are provided for ventilation and protection against overheating. Never place the product near radiators, or in a place where proper ventilation is not provided.
6. Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
7. Do not use the product to report a gas leak, when in the vicinity of the leak.

## Warning

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that the phone has stopped emitting smoke and call your telephone company help desk.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.

- Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Do not excessively pull the receiver cord from the base unit. This may cause the base unit to fall, resulting in injury.

## Caution

### Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Do not touch the plug with wet hands.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

### Battery

- To reduce the risk of fire or injury to persons, read and follow these instructions.
- Use only the battery(ies) specified.
- Do not dispose of the battery(ies) in a fire, as they may explode. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.

- Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.
- Charge the battery(ies) provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.

## **Medical**

Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.92 GHz to 1.93 GHz, and the power output is 125 mW (max.)) Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## **For Best Performance**

### **Base unit location/avoiding noise**

The base unit and other compatible Casabi units use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
  - at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
  - away from electronic appliances such as TVs, radios, personal computers, wireless devices or other phones.
  - avoid facing radio frequency transmitters, such as external antennas of mobile phone cell stations (avoid putting the base unit on a bay window or near a window).
- Coverage and voice quality depends on the local environmental conditions.



- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

## **Environment**

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

## **Routine care**

Wipe the outer surface of the product with a soft moist cloth. Do not use benzine, thinner, or any abrasive powder.

## **Contact Information**

For technical support questions, please contact your phone service provider.