



User Guide



AppAce
Pty Ltd.

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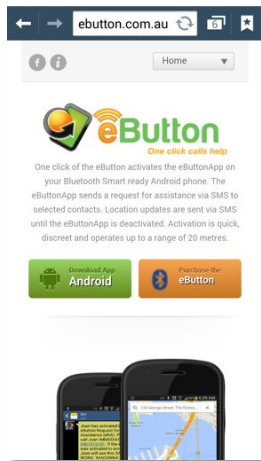


Section 1

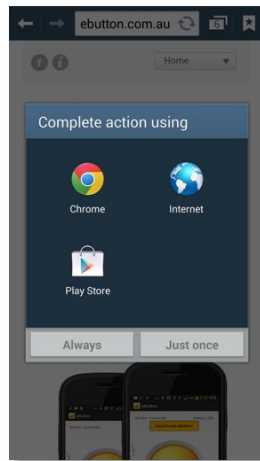
Getting Started

Initial Setup for eButtonApp

1. Using the browser on your phone, go to ebutton.com.au.



Buy the eButton

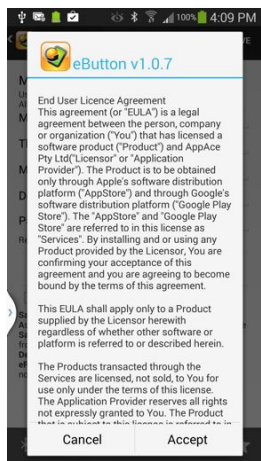


Download eButtonApp from Play Store

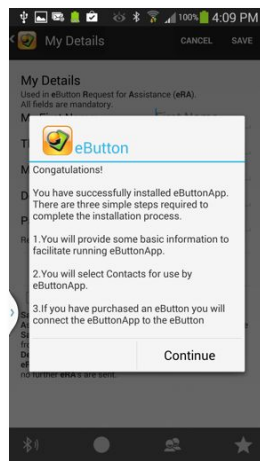


Install the eButtonApp

2. eButtonApp will download to your phone, and display the following screens in turn:



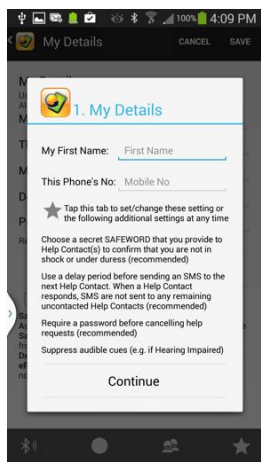
The usual legal stuff. Tap "Accept" to proceed.



The Welcome screen outlining the 3 steps to install



3. Enter "My Details". These rarely change. Safe Word and Password are optional.



*My First Name: The name by which you are usually known.
 *This Phone's No: So you can be contacted easily. Inclusion of country codes is recommended.

When Name and Phone No are entered, tap "Continue".

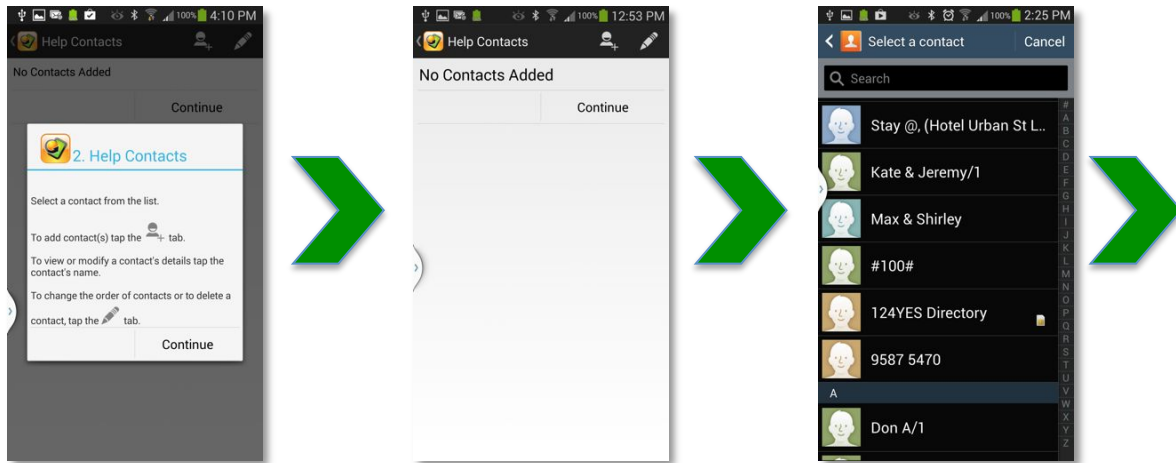
You can return to this screen to enter:

My Safe Word: Optional code word to be used if you accidentally initiate the eButton Request for Assistance (eRA). It confirms you are OK, not under duress or in shock.


Delay: The default period between sending successive eRA SMS to your contacts (can be 0). Once a contact responds, no further contacts receive eRA's. Location change updates are sent to anyone who has received an eRA.

Password: Optional to deactivate eRA's.

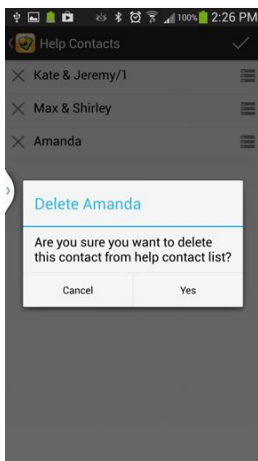
4. Select "Help Contacts" from your phone's existing contacts.



Tap "Continue"

Tap  to add "Contacts"
Repeat as necessary

5. Edit Contacts if needed. Change the order of contacts or delete contacts



Tap to edit.

Tap to delete.

Drag reorder

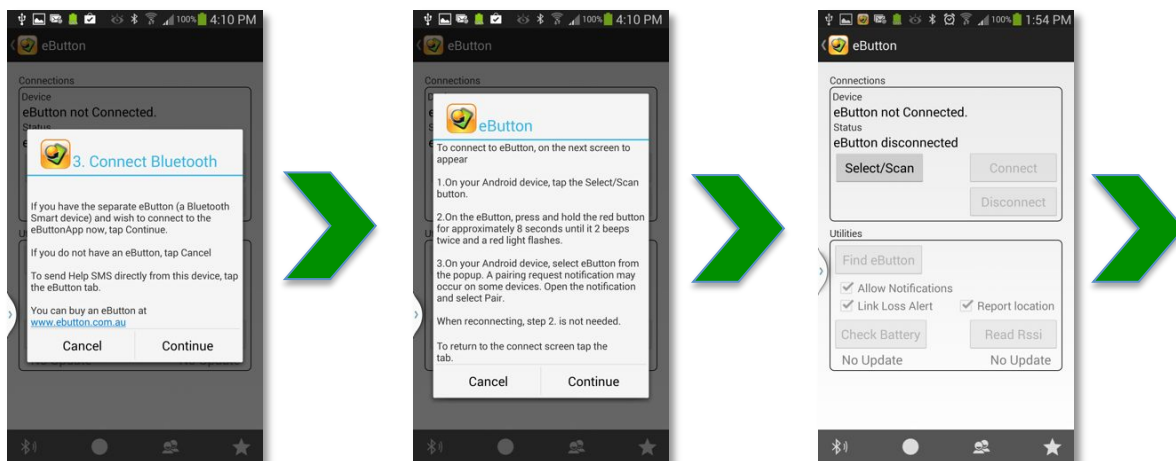
Done

Ensure Contacts phone numbers are capable of receiving SMS. Advise each Contact that they have been added to your eRA list.

If Contact has a "Blocked" number – see section "Help Contacts"

When all details are added, tap "Continue"

6. Link to eButton

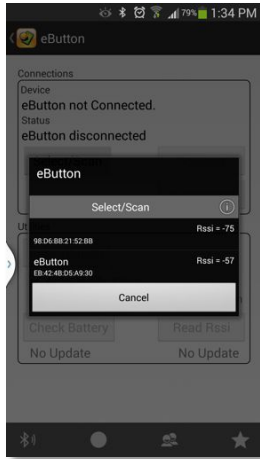


Tap "Continue"

Tap "Continue"

Tap "Select/Scan"

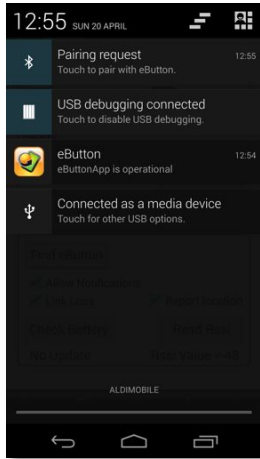
7. “Advertise” eButton



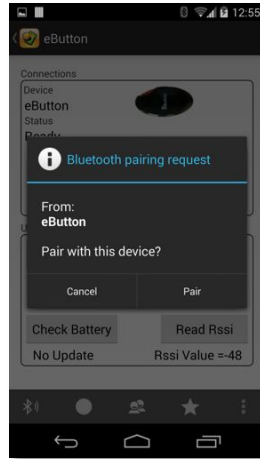
With eButton:
Press and hold red button for approximately 8 seconds until two beeps sound.

On your phone:
eButton will appear in the dialog. Select eButton

On some phones, a pairing request notification will occur. If a notification is received, open notifications. A screen similar to those below will appear.



Tap on “Pairing request”



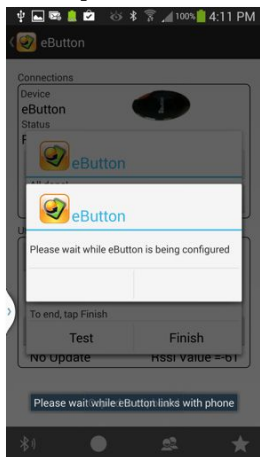
Tap on “Pair” (or “Allow”)

Not all phones notify a pairing request.

Many phones automatically allow pairing to occur.

In such cases these “Pairing request” screens do not appear.

On all phones, the following screens appear



After a few seconds, the eButton will beep several times and this dialog appears.



The test connection screen will display after the low energy Bluetooth connection is done

If you have an eButton, click once to send a test SMS.

If you do not have an eButton, tap “Test” to send a test SMS.

To end, tap “Finish”


Your eButton is now ready to use.



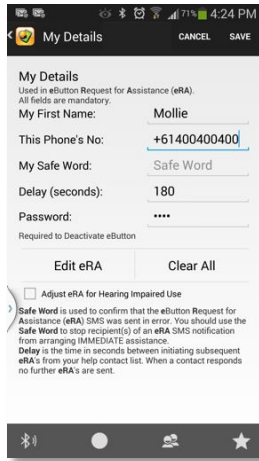
Section 2

eButtonApp in Detail

My Details

On the tab bar, tap 

Reviewing “My Details”



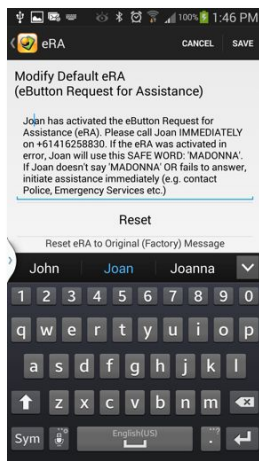
These details are added during setup, and are explained in Section 1 “Getting Started”.

These details rarely change.

If you wish to clear all fields, tap “Clear All”

If you wish to change the default **eButton Request for Assistance (eRA)**, tap “Edit eRA”. This will not change eRA for existing Contacts. See section “Help Contacts” for information regarding changing/updating individual contacts.


Changing Default “eRA”




Tap “Edit eRA”

You can change the default message to anything you deem appropriate. It is strongly recommended to include a return contact number and a safe word.

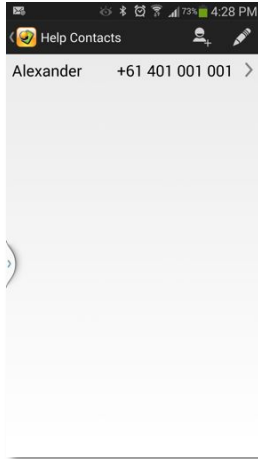
After changing the eRA, you can reset the default eRA message back to the original “factory” message by tapping “Reset”.

To return to “My Details”, tap either “CANCEL”, “SAVE” or the eButton icon 

Help Contacts

On the tab bar, tap 

The Help Contacts Screen



The method of adding/deleting/changing the order of contacts is discussed in the Section 1 “Getting Started”.

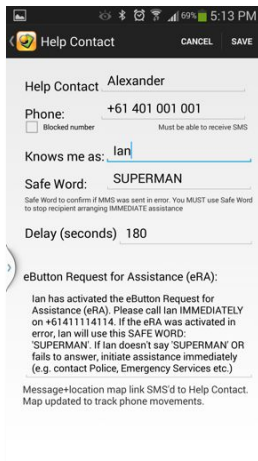
There is no limit to the number of contacts you can add.

The contact must have a phone that can receive SMS messages.

By tapping on the row of a contact, a detailed view is displayed.

Tap the eButton icon  to display the “eButton” view.

The Contact Details Screen




Ensure the phone number for the contact can receive SMS.

If the contact’s phone has a blocked number (not available to you when they call), select the “Blocked number” checkbox. The eRA will request texting the Safe Word before calling.

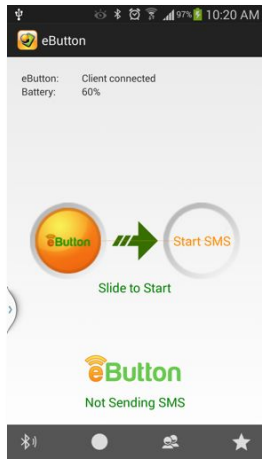
If the contact knows you differently to the name shown, change it (e.g. Mum, Dad, or some nickname etc.)

The Safe Word and delay before sending an eRA to the next contact can also be changed.

To return to “Help Contacts”, tap either “CANCEL”, “SAVE” or the eButton icon 

On the tab bar, tap ●

The eButton Screen with eRA Not Activated.



The eButton screen and the Connections screen are the two screens used most in eButtonApp.

The eRA is normally initiated by one click of the eButton.

It can also be initiated by sliding the eButton icon to the right, to the "Start SMS" location.

Once eRA SMS are being sent, the screen display changes to the screen displayed below.

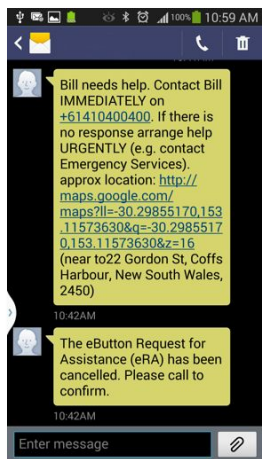
The eButton Screen with eRA Activated



Once the eRA has been activated, the eButton screen will display a "Deactivate eButton" button.

To stop the sending eRA's and location updates, tap "Deactivate eButton" or slide the eButton icon to the left, to the "Stop SMS" location.

Default eRA received by Help Contacts



Once activated, the eButtonApp will send eRA's in turn to the Help Contacts. The subsequent eRA's are sent at the Delay intervals for each Help Contact until a Help Contact Bill either calls or SMS's the Safe Word to the originating phone.

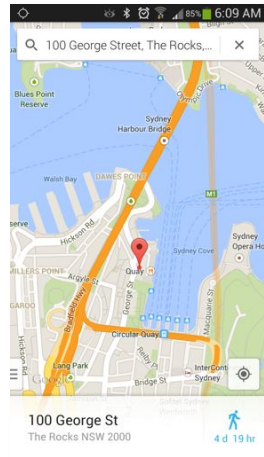
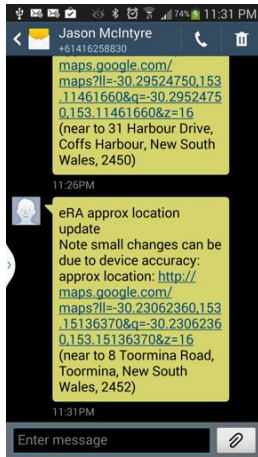
There is a link to facilitate return calls.

There is an approximate location (if it can be resolved) and a url for Google Maps to assist with pinpointing locations.

The default message adjusts if a Safe Word is set.

When a request for assistance is cancelled, a confirming SMS is sent.

eRA Location Update

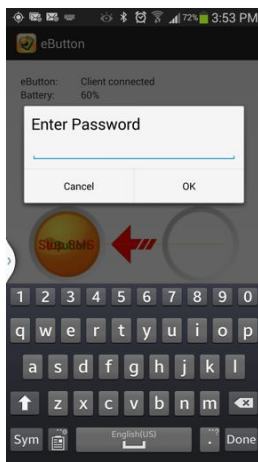


eRA location updates are sent if you (and your phone) are moving. Note that it is the eButtonApp on your phone that is responsible for determining location information and for sending eRA's.

A typical Google Map image is also shown.

If the link between the eButton and phone is lost while the eButton is activated, an SMS is sent to each Help Contact that has received an eRA. If the eButton link to the phone is re-established, an SMS advising this fact is sent.

Ending eButton Requests for Assistance (eRA)



When circumstances allow, either tap the "Deactivate eButton" or slide the eButton icon to the left.

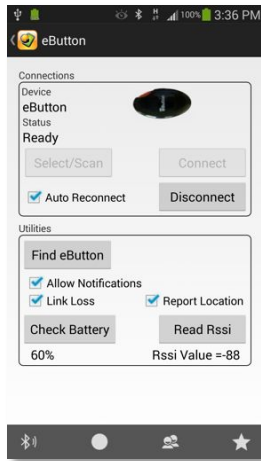
If you have set a password, the dialog to left appears. Enter your password and tap OK.

An SMS is sent to any Help Contact that has received an eRA, indicating the eRA has been cancelled. Help Contacts are requested to call and confirm all is well.

Connections

On the tab bar, tap 

After pairing the eButton with your phone, the Connections screen will look like this.



Auto Reconnect: Reconnects once eButton is in range in most cases. Changes take effect next time eButton connects.

Disconnect: The Low Energy Bluetooth connection is closed.

Find eButton: The eButton will beep. In this mode, one click of the eButton will stop the beeping (not send an eRA).

Allow Notifications: You will receive notifications for Link Loss and low battery conditions.

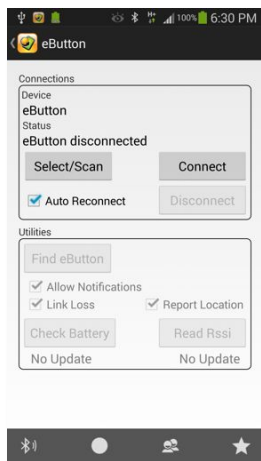
Link Loss: Uncheck to disable Link Loss alert on eButton.

Report Location: When initiated, eButtonApp will include location data. Uncheck this option if location information is not required. Acquiring locations can take several seconds, delaying eRA slightly.

Check Battery: Checks the battery level of the eButton.

Read Rssi: Indicates Bluetooth signal strength

Reconnecting eButton if the Link with your phone is lost.



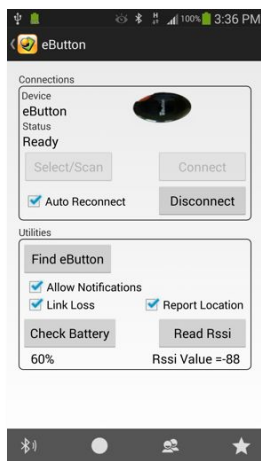
If the link between eButtonApp and eButton is lost, the Connections screen will look like this. The Link can be lost if you move out of range, turn off your phone, or turn on your phone's Airplane Mode.

Connect: In most cases, the link between eButton and eButtonApp is re-established automatically or as a result of viewing a notification.

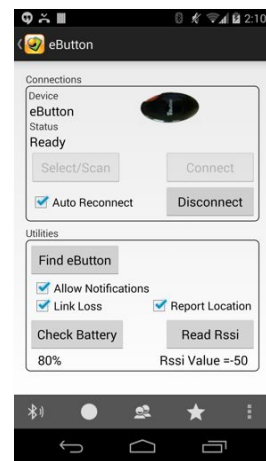
Select/Scan: If the "Connect" button is disabled, tap "Select/Scan" and choose "eButton" from the pop-up list

See also section on Troubleshooting if the Battery percentage or Rssi values do not appear.

Sample "Connections" screens on different phones



Samsung S4



Nexus 5

Some phones, such as Nexus 5, display the eButton tab bar above the phones "Home" etc. tabs. The right hand side of the eButton tab bar may show a "More" tab that will display the "About" and "Settings" pop-up.

On the Samsung S4, tap to left of the "Home" button to display the "About" and "Settings" pop-up.



Section 3

eButton

(Low Energy Bluetooth Device)

The eButton Low Energy Bluetooth Device



The eButton is small, lightweight, and comfortable to use. The red button is easy to locate and click.

One Click: In normal operation, one click of the red eButton will initiate the eButton Request for Assistance (eRA) response from the eButtonApp. Subsequent clicks have no effect until the eButtonApp is deactivated.

If “Find eButton” is operating, the eButton will beep continuously. In this case, one click of the red eButton will stop the beeping. A second click is required to initiate the eRA response.

Sleep: Press and hold the red eButton for approximately 4 seconds until a single beep occurs. The eButton will be in sleep mode. This will extend the battery life of the eButton. A notification of Link Loss will occur. A single click of the red eButton will “wake” the eButton. The eButton must be “Awake” to establish a link with the eButtonApp.

Advertise: This mode is used to “pair” the eButton with your phone. This is used during initial setup and when batteries are replaced. Press and hold the red eButton for approximately 8 seconds until two beeps sound. The eButton will flash.

Link Loss: When Link Loss is checked on the “Connections” screen, eButton will beep when the phone moves out of range, unless eRA’s are initiated. One click of the eButton will stop the beep. Moving back into range with Auto Reconnect operating will also stop the beeping.

Replace battery: The battery should be replaced once it drops below 40%. A notification will appear on your phone. The battery compartment is on the back of the eButton. Replacement battery CR2025. After replacing the battery, it is necessary to “pair” the eButton after battery replacement. In the “Connections” screen, tap “Select/Scan”, advertise the eButton and follow the steps described in step 7 of “Getting Started”



Section 4

Troubleshooting

Trouble Shooting

On some occasions the Low Energy Bluetooth function of your Android device might need to be reset. Work through the list below until you successfully reconnect the eButton to your phone.

1. Tap the “Disconnect” button on the “Connections” screen of eButtonApp. Tap the “Connect” button if enabled or tap the “Select/Scan” button and choose “eButton” from the list. If after a few seconds a value for Rssi and Battery % appears, you have successfully reconnected and need do nothing more. Note that on some devices, reconnecting to Bluetooth can take up to 3 minutes.
2. Using your phone’s “Settings” app, turn Bluetooth OFF then ON. Open the eButtonApp. When you open the eButtonApp it will try to reconnect automatically in most cases. If you have previously tapped “Disconnect”, you will need to manually reconnect to Bluetooth. Tap “Connect” if it is enabled. Else, tap “Select/Scan” and select eButton from the list. If after a few seconds a value for Rssi and Battery % appears, you have successfully reconnected and need do nothing more.
3. Using your phone’s “Settings” app, tap on “Bluetooth” to reveal the screen showing “Paired” devices. eButton should be listed as “paired”. Tap on the “Settings” symbol in the eButton row. An option to “Unpair” should appear. Select “Unpair”. Turn Bluetooth OFF. Using your phone’s power button, restart your phone. Put the eButton to “Sleep” (hold eButton until beep sounds, approx. 4 seconds). Open the eButtonApp. Tap “Select/Scan”. “Advertise” the eButton (press and hold the eButton until 2 beeps sound, approx.. 8 seconds). Select eButton from the list. (For description of “Sleep” and “Advertise” see section “The eButton Device”)

If you experience frequent Link Loss for no apparent reason, or have difficulty in establishing a Link after using Airplane Mode, Turning your phone Off/On, or after moving out of range, please go to www.ebutton.com.au/contact. Please provide details of the make and model of your Android device and the Android version it is running. If possible, explain the circumstances that cause Link Loss.