User Manual

Greetings from the Smart Package Lockbox Development team. First, we would like to thank you for your purchase of your Smart Package Lockbox and hope you will love our product. The following tutorial is designed to aid you with initial product setup.

Step 1.)

Your Smart Package Lockbox comes pre-assembled and ready to go with all of the hardware components. The first step is to place the box in the desired location and within range of your home WiFi connection.

Step 2.)

Connect the Smart Package Lockbox to your home or desired WiFi by inputting the domain name followed by the password. The Lockbox will automatically sync to our database and be ready to be linked to you in the following steps.

Step 3.)

From a computer go to our website at: https://smart-package-lockbox.firebaseapp.com/login.html and register an account with us if you are a new user. Figure 11.3-1 shows the register portion of our login page. As can be seen from the figure below to register you must input an email as well as a password. The password length must be 8 characters long.

Step 4.)

Upon successfully registering with us you are now ready to login and begin setting up your account. Proceed to the login portion of our login page and input the credentials you made in step 3. A figure illustrating this step can be seen in Figure 11.3-2 below.

After inputting the correct credentials our website will verify your login and you should receive a popup stating that login was successful. A demonstration of the popup is shown in Figure 11.3-3 below.

Step 5.)

Congratulations you have successfully created an account and logged into our website! Along the top of our website is the navigation bar which is used to go between pages of our site. The navigation bar is shown in Figure 11.3-4 below.

On the left of the navbar our Brand is displayed as well as there being the Home page and My Lockbox tabs. A breakdown of these two tabs is given below.

Home Page

The home page is the first page you are redirected to after login. It displays our logo as well as additional information about our product, creators, and a method of contact for support.

My Lockbox

The My Lockbox page contains information relative to your lockbox. This is where we will navigate to shortly in order to set up our Lockbox and view its statuses.

On the far left of the Navigation bar the Profile tab is visible. Upon clicking this tab there are two more options given to the user as shown in Figure 11.3-5 below. These options are Edit Profile and Logout which are discussed in more detail below.
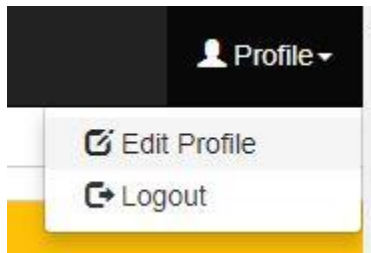
Edit Profile

The edit profile page displays current profile information such as email and phone number if one is added (will be discussed later). The edit profile page's main function is to allow the user to update their information such as email, phone, and change their password.

Logout

Upon clicking the logout link the user will be redirected to the login page in step 4. Logout is used to provide the user with a way to secure their information when they are not at the computer.

Step 6.)

Proceed to the My Lockbox tab of our website. From here the page should initially be blank save an add lockbox button and an empty Current Lockboxes header. Select the add lockbox button shown in Figure 11.3-6 below and input your lockbox ID which came with your purchase. This will sync you to the lockbox in the database.

Step 7.)

Now that you have successfully added your lockbox, you will see the lockbox ID followed by the status of different sensors on the box as well as a table of passcodes. The passcodes will be discussed below. Under the passcode table two more buttons Unlock Box and Alarm off can be seen. These are the override buttons which can be called if there is an issue doing them manually from the box or you have someone stopping by and want to unlock it for them without providing a passcode. Figure 11.3-7 below shows a demo My Lockbox page with a user registered to Lockbox 654321 for clarity.

Add Lockbox

Current Lockboxes:

- **654321**

    Alarm Status: N/A
    Lid Status: N/A
    Lock Status: N/A
    Box Unplugged: false

Passcode	Value	Edit
Admin	1849	✳
Primary	5782	✏
Secondary	9976	✏
Temporary 1	5555	✏
Temporary 2	6666	✏
Temporary 3	7777	✏

Unlock Box

Alarm Off

Passcodes

The following gives a brief summary of the passcodes as well as their functionality:

Admin

The admin passcode is hard coded to the box. This is the failsafe passcode and should not be given to anyone. It is auto generated and cannot be edited. This passcode works regardless of the boxes connection to WiFi.

Primary

This is the main passcode which provides full functionality and will always be active. Requires connection to WiFi to function properly.

Secondary

This is similar to the primary passcode but can be given to a close friend or family member. Still provides full functionality to the box and requires WiFi.

Temporary Passcodes

All three temporary passcodes have the same functionality. They provide full access one time to the box then are set to expire. These are used for one-time deliveries or drop offs to people you do not want to have access to your Lockbox whenever they please. They will have to be reupdated after use as they are set to expire. Require WiFi to function.

Edit Passcodes

To edit your passcode type in the new passcode in the box and hit the blue edit pencil next to it to send it to the database. Upon success the value field to the left should update with the entered passcode. Keep in mind all passcodes must be numeric and exactly 4 digits long.

Step 8.)

From here your Smart Package Lockbox is ready to go. Additional prefferences as well as inforation can be edited from the edit profile tab under the profile dropdown on the far right of the navigation bar. Clicking this brings you to the page displayed below in Figure 11.3-8.

As can be seen from the figure above, the edit profile tab displays your current email and registered phone number (if one is added else displays N/A) in the database. Below this there are two options which can be toggled. Receive email notifications enables our system to send notifications to the email listed in your

current profile with alerts to status changes in your box. The next option receive text notifications is similar and sends notifications to the phone number displayed in your current profile. The texts are sent using our Trello service.

Below these toggleable options is several fields which can be updated. These fields are shown below in Figure 11.3-9. Among these fields there is the option to change email, change password, and edit your phone number. Upon editing any of these to apply changes click the confirm button below the fields.

Make Changes

Change Email:	
Confirm Email:	
Change Password:	
Confirm Password:	
Edit Phone Number:	

Confirm

Step 9.)

Your initial setup of your Smart Package Lockbox is now complete. You may continue to edit settings or select the logout option in the profile dropdown to keep your lockbox safe. Thank you once more from the Smart Package Lockbox team and we hope you enjoy our product.

For any issues or support feel free to contact the development team at:
smartPackageLockbox@gmail.com