

# APP Manual

Smart Weather-based Irrigation Controller

Version 6.1

© LUCKIDAYS INC.

**Contents**

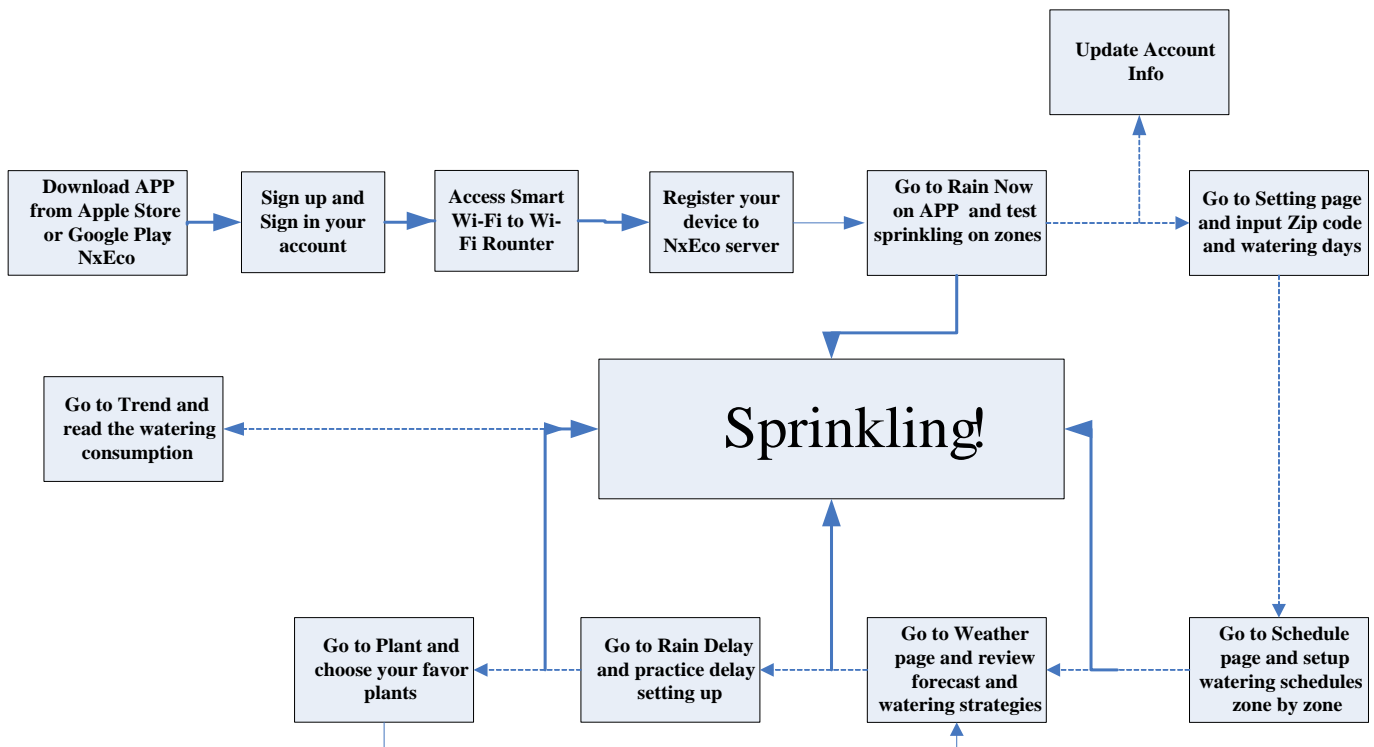
# Smart Irrigation Controller Manual

---

1.	A Quick Operation Flow .....	3
2.	Installing LUCKIDAYS App .....	3
3.	Sign up/in Account on LUCKIDAYS APP .....	3
4.	Setting up LUCKIDAYS Controller .....	5
	Connect to LUCKIDAYS Server via Wi-Fi Setting or Ethernet .....	6
	Registering LUCKIDAYS Controller .....	8
	Unregister Controller .....	10
	Setting the Operation of Controller .....	11
5.	Account Profile .....	13
6.	Smart Irrigation Operation .....	14
	Watering .....	14
	Scheduling Irrigation .....	16
	Smart Watering .....	17
	Delay .....	18
7.	Water History .....	19
8.	Authorized User .....	20
9.	Account Upgrade .....	22
	Tech and Service Support .....	23

# Smart Irrigation Controller Manual

## 1. A Quick Operation Flow



Suggest users to follow this flow and enjoy smart operation quickly,

## 2. Installing LUCKIDAYS App

**Step 1:** Connect the Smart terminal to Wi-Fi/Internet and mobile network.

**Step 2:** On your terminal (Smart Phone, PDA), open **App Store or Google Play** App and search LUCKIDAYS.

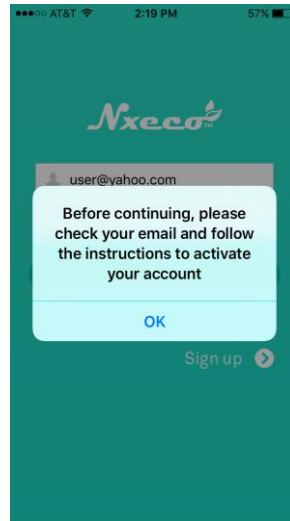
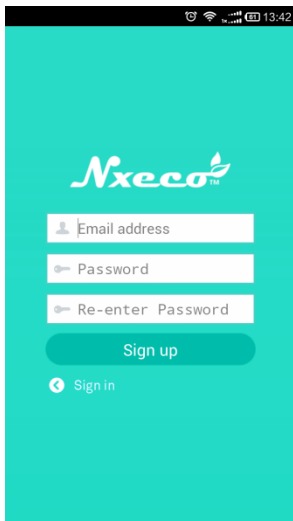
**Step 3:** Install LUCKIDAYS APP

## 3. Sign up/in Account on LUCKIDAYS APP

# Smart Irrigation Controller Manual

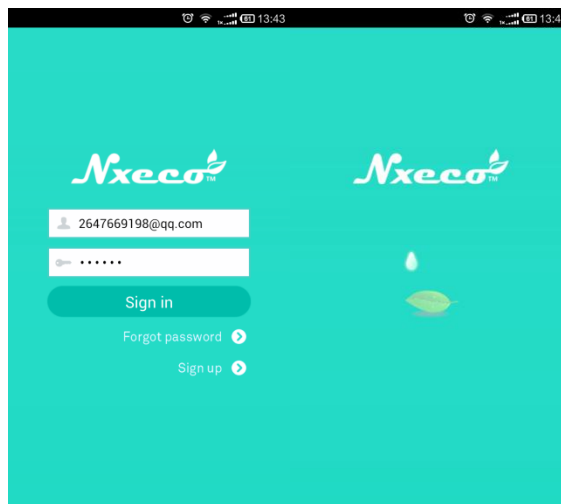
---

- Open LUCKIDAYS APP, for first time user, please sign up as:



As press Sign up, LUCKIDAYS server saves this email address and password. Please visit the email account and Active the account on one greeting email from LUCKIDAYS.

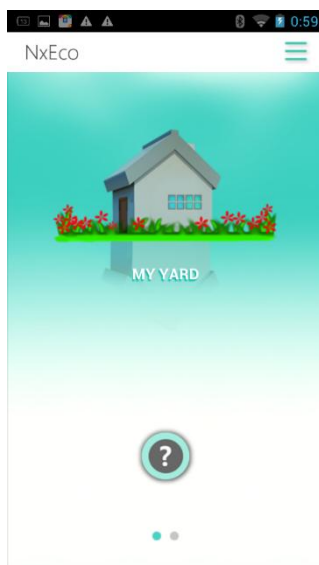
- Later, just Sign in,



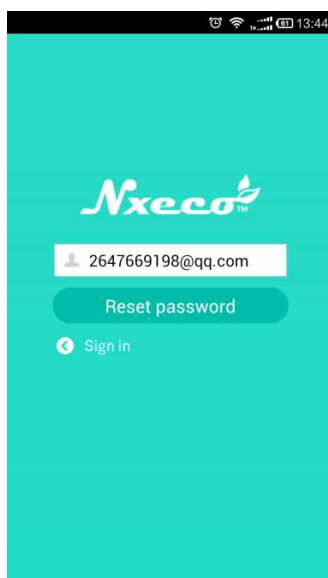
- After login in, the APP enters the yard / garden page.

# Smart Irrigation Controller Manual

---



- If you forget your password, please touch Forgot Password.
  - Type in the registered Email address, and press Reset Password.
  - One template password is sent to this registered email account.
  - Then, log in APP with this template password.
  - Strongly recommend to change this template password soon.

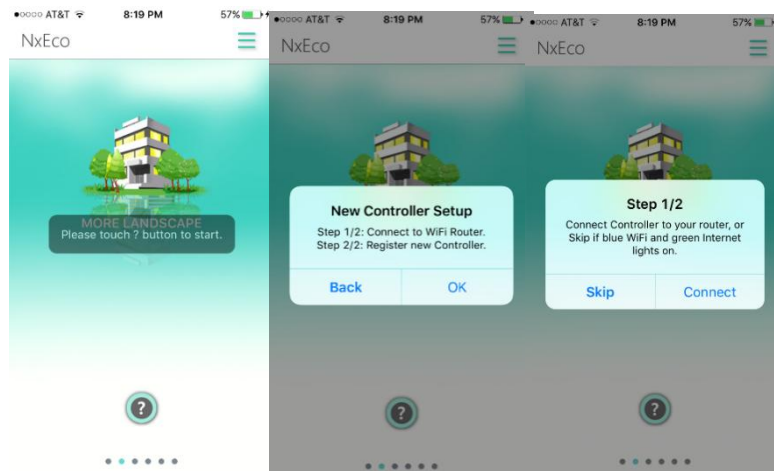


## 4. Setting up LUCKIDAYS Controller

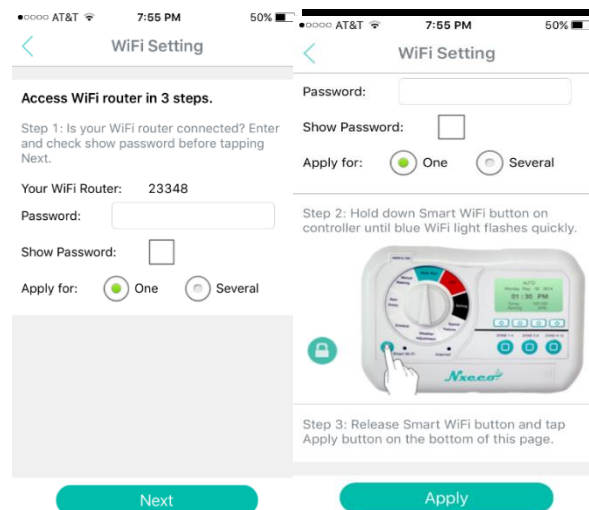
# Smart Irrigation Controller Manual

## Connect to LUCKIDAYS Server via Wi-Fi Setting or Ethernet

Enter the start page, touch the screen. One line is shown up as: “Please touch ? button to start” . Follow the indications on screen. One step by step.



Open Wi-Fi Setting,



Make sure both your smart phone and LUCKIDAYS in the desired Wi-Fi AP or router coverage area. Now, suppose the desired router name is Vinnol.

Make sure the smart phone accessed to Wi-Fi AP or router: (e.g, Vinnol )

# Smart Irrigation Controller Manual

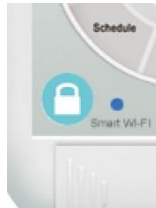
---

The steps are as:

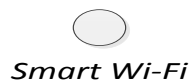
Step 1: Check the WiFi router name and enter access password. Show the AP or router password and make sure it right.

**Wait !**

Step 2: Press and hold Smart Wi-Fi button on LUCKIDAYS device.



Step 3: As WiFi blue LED flashing on device panel, **release Smart WiFi button, and press APPLY on APP**



**As Blue lighting is constant on, the Wi-Fi of LUCKIDAYS has connected to desired WiFi router. Then one block is shown on**



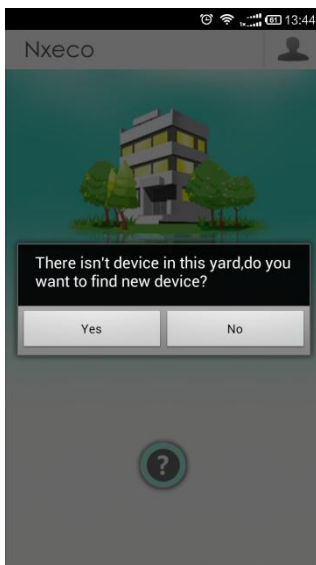
**After device accesses LUCKIDAYS server, the green LED (Internet) is constant ON.**

## Registering LUCKIDAYS Controller

It is one important step to register or attach your controller to your LUCKIDAYS account in server. After registration, you could use the smart phone to control LUCKIDAYS device.

As one device is power on and not far to your Smart phone with LUCKIDAYS APP, the registration step is as:

- On the garden page, there is one ? on button.
- Press ? button, one pop-up is shown as:



**No controller detected in this yard. Do you want to search a device? YES or No**

- Press Yes,
  - If one pop-up: **"New contoller is located, are you sure to register it? Yes or No"**, user may press **Yes** for registration.
    - Then, the LED screen of device shows as:

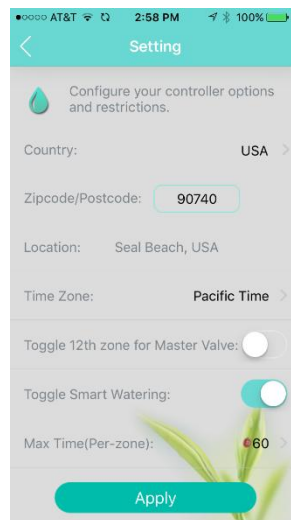


# Smart Irrigation Controller Manual

---

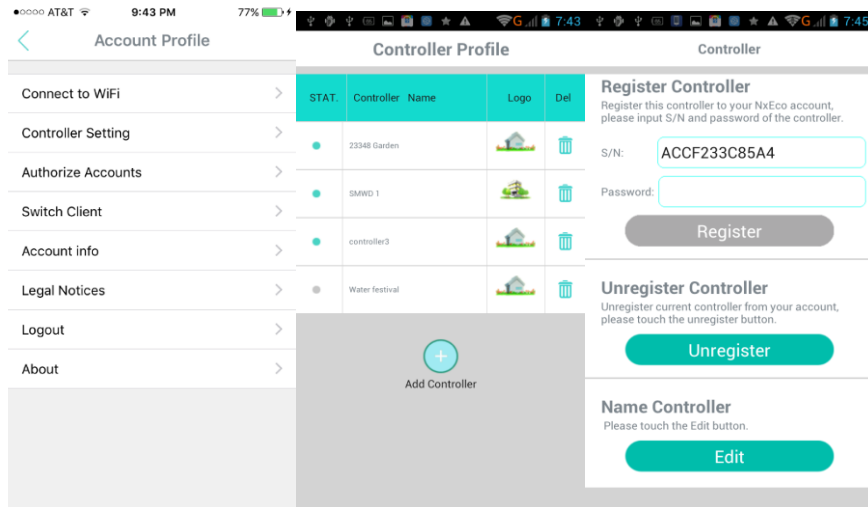


- At same time, the APP opens

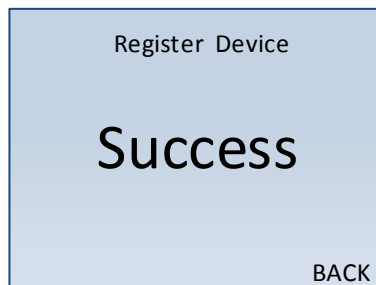


- If the auto-registration failed, the one pop-up shows as: "New controller is not registered successfully. You can register it on "add device" page manually"
- Now, you have to go Register Device page in Account Setting and register device manually

# Smart Irrigation Controller Manual



- Enter Register Drive page.
- Type Serial Code (S/N) of LUCKIDAYS and password<sup>1</sup>, both are on the screen of LUCKIDAYS device.
- Press Add. This LUCKIDAYS controller is registered to LUCKIDAYS server.
- If device registered successfully, the above success screen is shown on.

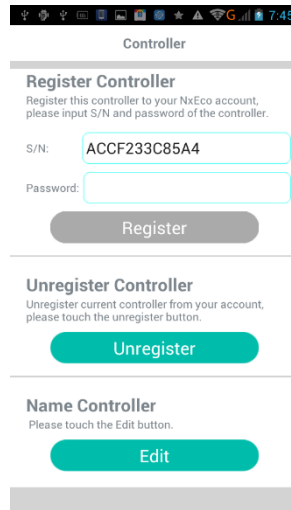


## Unregister Controller

<sup>1</sup> For security reason, the password is random for each open the Add device page

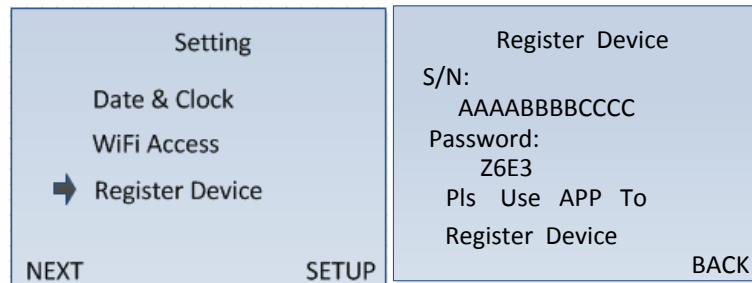
# Smart Irrigation Controller Manual

If you want to unregister this device from this current account. Please touch Unregister. You may find the following page.



The image shows a mobile app interface for a Smart Irrigation Controller. At the top, there's a status bar with various icons and the time 7:45. Below it, the title "Controller" is centered. The main content area has three sections: 1. "Register Controller" with a subtext "Register this controller to your NxEco account, please input S/N and password of the controller." It contains two input fields: "S/N:" with the value "ACCF233C85A4" and "Password:" which is empty. Below these is a grey "Register" button. 2. "Unregister Controller" with a subtext "Unregister current controller from your account, please touch the unregister button." It features a teal "Unregister" button. 3. "Name Controller" with a subtext "Please touch the Edit button." It has a teal "Edit" button.

Then on controller's panel, you go to setting screen and enter Register Device screen:



The image shows two side-by-side panels from a controller's interface. The left panel is titled "Setting" and lists options: "Date & Clock", "WiFi Access", and "Register Device" (which is highlighted with a blue arrow). At the bottom of this panel are "NEXT" and "SETUP" buttons. The right panel is titled "Register Device" and displays: "S/N: AAAABBBBCCCC", "Password: Z6E3", and the instruction "Pls Use APP To Register Device". At the bottom right of this panel is a "BACK" button.

- The LED screen will show a serial number (S/N) and a Password The LED screen will show a serial number (S/N) and a Password

S/N: AAAABBBBCCCC (e.g.)

Password: z6E3<sup>2</sup> (e.g.)

It indicates Remove successfully.

## Setting the Operation of Controller

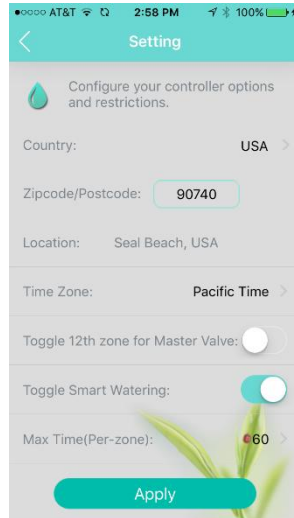
In the following page,

---

<sup>2</sup> This is a one-time, randomly created password and it can only be used for this registration.

# Smart Irrigation Controller Manual

---



- Choose the support country and location (post /Zip code).
- Input the Zip code (e.g. 92692) and press red point. The following line shows its address ( e.g. US-CA-Mission Viejo)
- Confirm the Time zone (e.g. Pacific Time) for your garden.

## Master Valve

In this setting page, there is one choice if to set 12<sup>th</sup> zone as Master Valve.

- Green: 12<sup>th</sup> zone is set as Master Valve
- White: 12<sup>th</sup> zone does not set as Master Valve

## Smart Watering

- Green: Smart Watering ON automatically
- White: Smart Watering Paused.

## Water Restriction

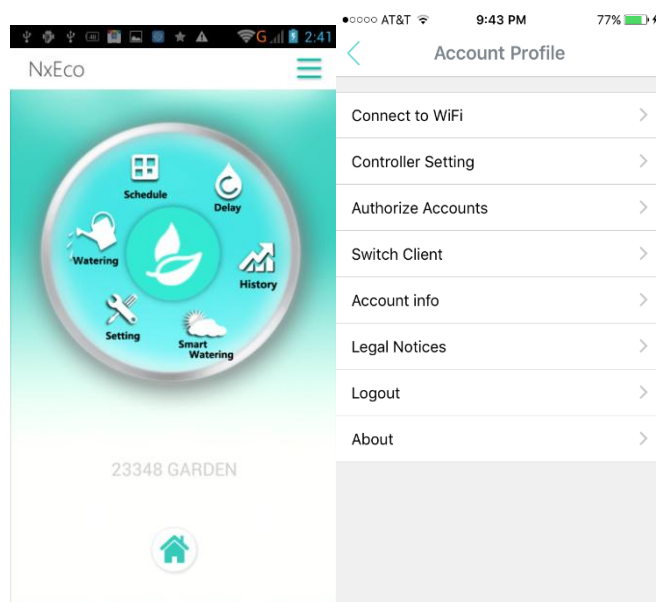
- Choice the Restricted Time: HH:MM --- HH:MM, such as: 9:00 --- 17:00
- Choice the Restricted Days
  - As press any day, the green block changes to white block. It means the day is one restricted day.

Press Apply.

The requirement for location info of this LUCKIDAYS machine is sent to server. Soon, local forecast info is shown on the LED screen of LUCKIDAYS device and APP quickly.

## 5. Account Profile

On every page, customer could read the profile of this account as touch the right upper corner.

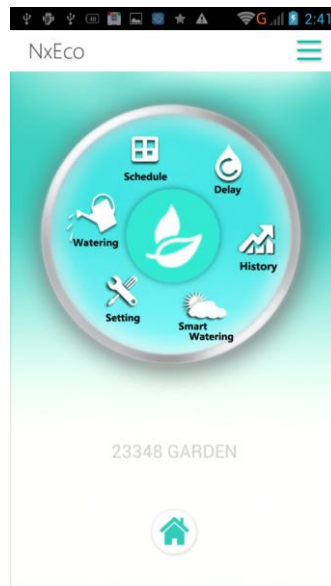


The functions of each line are:

Line Name	Functions
Connect to Wi-Fi	Set up Wi-Fi connection between the LUCKIDAYS controller and your router.
Controller Setting	Register or unregister one LUCKIDAYS Smart Irrigation Controller to LUCKIDAYS server and name one controller
Authorized Account	Authorize second user
Switch Accounts	Switch the operation to other authorized account
Account Info	Edit your personal information and contact information; change password.
Legal Notices	LUCKIDAYS Legal notices
Logout	Logout from LUCKIDAYS connection and service
About	Links to social networks

## 6. Smart Irrigation Operation

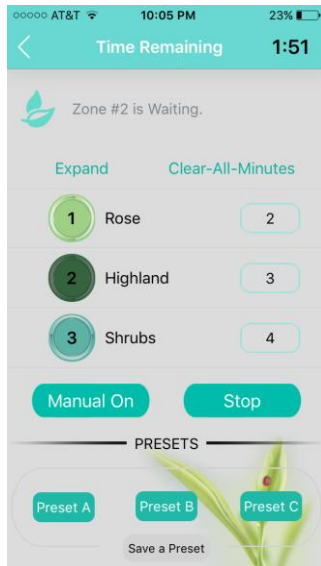
All seven of the smart irrigation operations are accessed through the 'wheel' screen that you see when you first enter a yard.



### Watering

You could test LUCKIDAYS device, wireless connection and cloud service on Watering. The steps are:

# Smart Irrigation Controller Manual



- Chose the watering zone and Runtimes (minutes)
- Press Watering! Button

Press Expand to show more zones on screen. Press Clean to move all of Min.

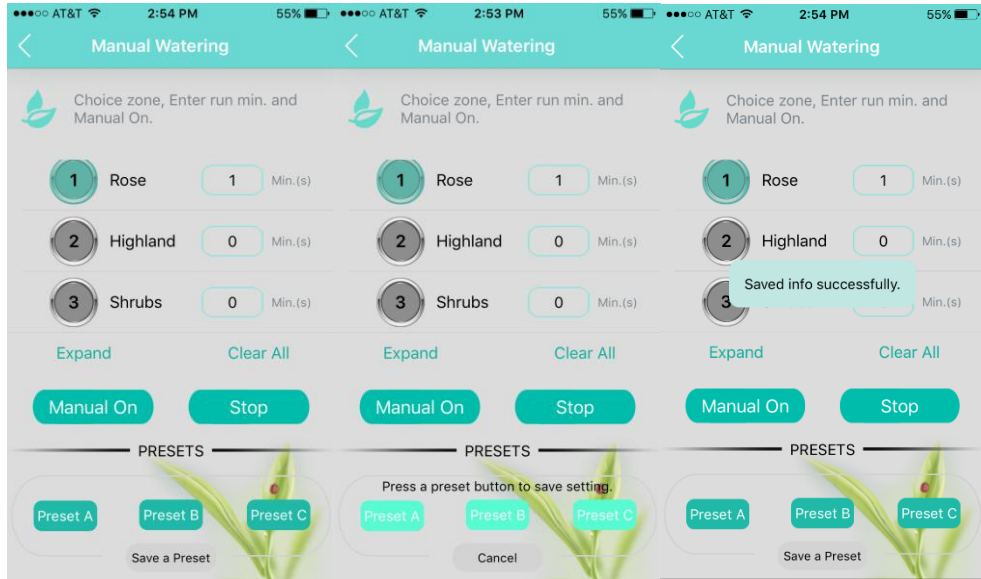
LUCKIDAYS device is going to start watering one zone by zone.

The flashing zone button indicates this zone raining on. On the up-right corner, the watering remind time is shown up.

- Preset and Save function.

There is one Preset function in the bottom of watering page. User could save the watering programs in Preset A, Preset B and Preset C.

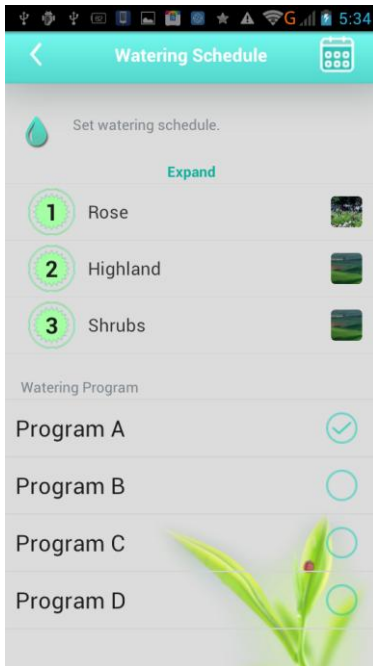
# Smart Irrigation Controller Manual



After saving, user could get the preset watering programs as pressing Preset A, Preset B, and Preset C.

## Scheduling Irrigation

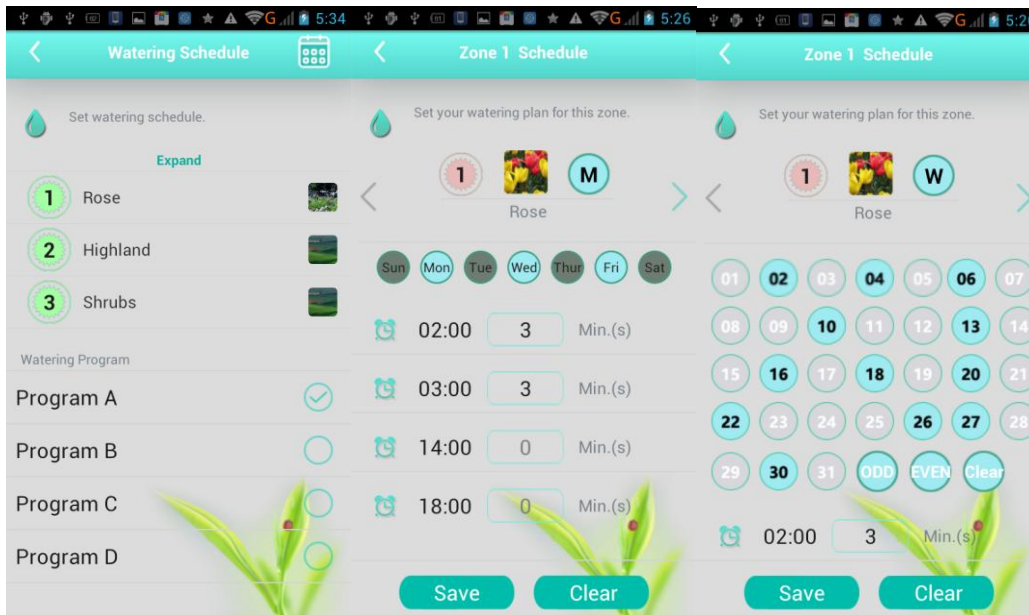
- Enter Scheduling page as:



- On any program, such as (A, B, C, and D), choose any zone number, e.g. Zone 1.



# Smart Irrigation Controller Manual



- Enter Zone 1, looks like left picture. It is a weekly scheduling. As Press D, enter the middle picture.
- It is Daily scheduling for one month
- The right picture shows the watering start time and run time (min.) User may choose start watering times and runtimes. There are four start times in one day.
- Press Save and store Watering schedule in cloud or press Delete to remove the schedule from cloud.

Touch the right up corner of schedule page, the following form is shown up

The screenshot shows the 'Controller Watering Plan' screen with a table of watering schedules for various zones. The table has three columns: Zones, Days, and Watering. The data is as follows:

Zones	Days	Watering
zone_1	Mon,Wed,Fri	02:00-3,03:00-3
zone_2	Wed,Fri	02:00-3,03:00-3
zone_3	Mon,Wed,Sat	02:00-2,03:00-2
zone_4	Mon,Fri,Sat	02:00-1,03:00-1
zone_5	Tue,Thur,Sat	02:00-3,03:00-3
zone_6	Tue,Thur,Sat	02:00-3,03:00-3
zone_7	Mon,Wed,Fri	8:0-4,04:00-6

## Smart Watering

Enter Smart Watering age as:

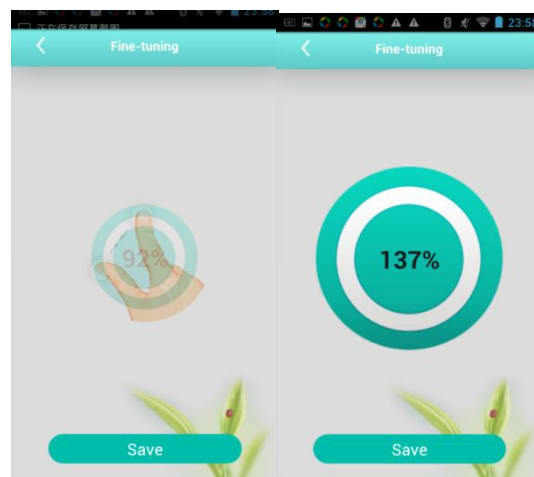
# Smart Irrigation Controller Manual



- The first block is the local weather today. The location info is obtained from Zip codes input at setting page.
- The blue circuit indicates daily weather-based water budget
- The below lines are forecast and weather-based water budget in following weekdays

The auto weather-based irrigation water budget info is from one LUCKIDAYS Water/Forecast algorithm in server.

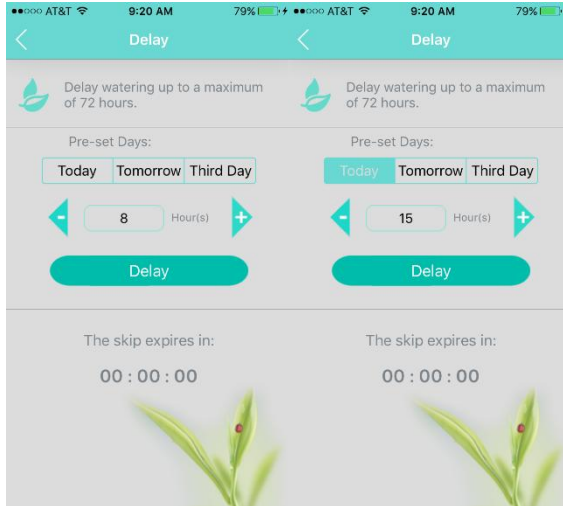
If you do not like the cloud-based water budget from server, you may also adjust the water budget manually as enlarging (increasing budget) or shrinking (decreasing budget) the circuit according the current forecast and garden conditions. (Please press **SAVE** after enlarging or shrinking).



## Delay

Sometime, user may shut down irrigation or watering schedule temperately for weather or other reasons on Delay page. The delay could be hourly (1 – 72 hrs.) or daily (Today, Tomorrow and the Third Day)

# Smart Irrigation Controller Manual

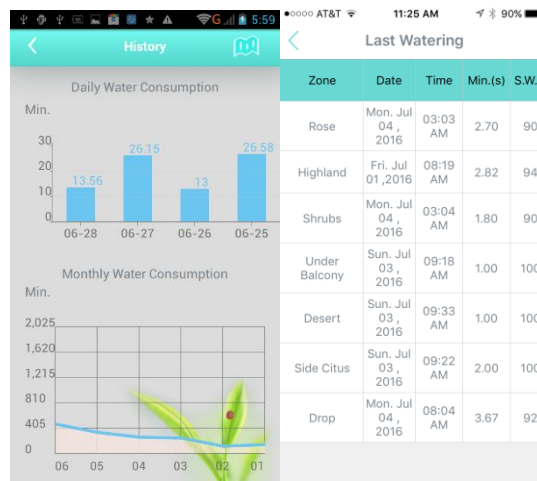


## 7. Water History

In LUCKIDAYS wheel, there is a Trend sign. Touch it and open water consumption calculation. It calculates the irrigation water through the valves controlled by rainiest. The water consumption is only relative (not accurate) account for

- Water Consumption within 30 days
- Water Consumption within 12 months
- Touch the Right-Up corner, there is one table for Last Watering.

(More water consumption is emailed to customers daily and weekly)



## 8. Authorized User

The authorized user is a function unique to your LUCKIDAYS APP. It allows to give your landscape to access without giving full authority over your controller settings.

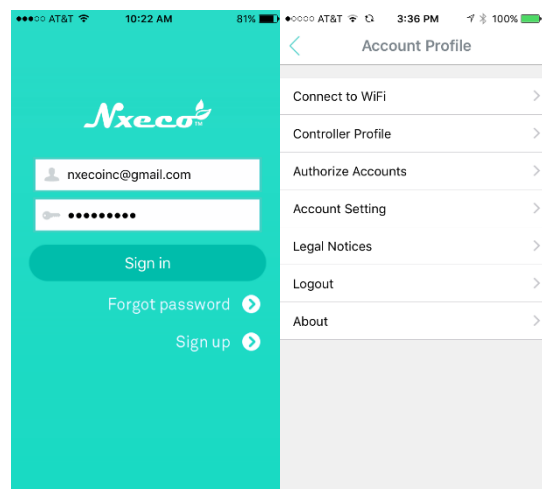
An authorized user (landscape) can adjust the schedule, rain delay, name controllers, manually operate the irrigation system without requiring you to leave your garage door open, leave your controller box unlocked or giving out your WiFi password.

If you change landscape contractors, you do not need to ask for keys back or change your account password, you simply delete them as an authorized user.

The usage of Authorized user are described in following two steps.

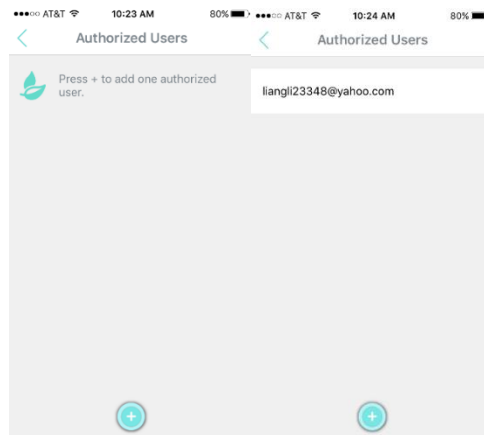
### First, add Authorize User

- Support two accounts are setup as:
  - [LUCKIDAYSinc@gmail.com](mailto:LUCKIDAYSinc@gmail.com) LUCKIDAYS (owner) sets up this account for its controllers around building.
  - [liangli23348@yahoo.com](mailto:liangli23348@yahoo.com) Service team sets up this account for his owned controllers and are ready to operate other controllers
- Enter [LUCKIDAYSinc@gmail.com](mailto:LUCKIDAYSinc@gmail.com) account and open APP. Go to account profile and Owner info and Authorized users are on the list



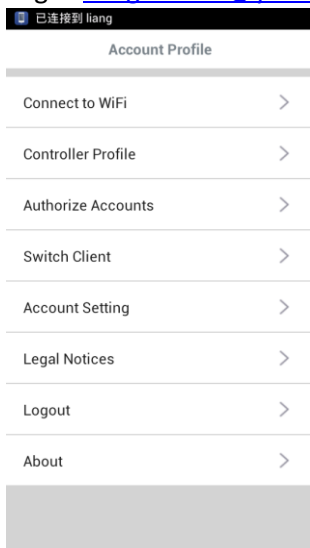
# Smart Irrigation Controller Manual

- On the Authorized Users page, you could authorize the operation of all controllers registered under [LUCKIDAYSinc@gmail.com](mailto:LUCKIDAYSinc@gmail.com) . Now, [liangli23348@yahoo.com](mailto:liangli23348@yahoo.com) is added as one authorized account



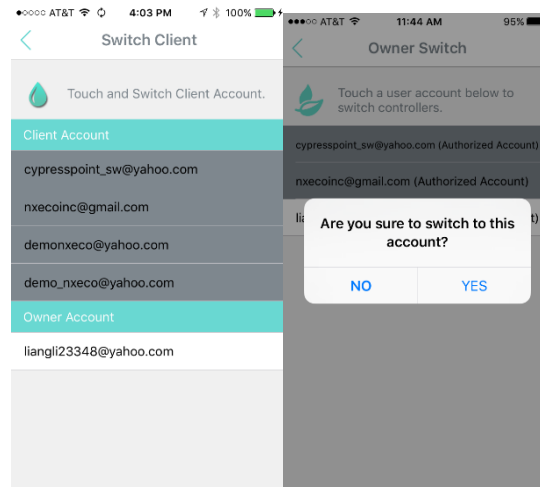
## Second, Operate smart controllers on Authorized Account

- Log in [liangli23348@yahoo.com](mailto:liangli23348@yahoo.com) account, open account profile as:

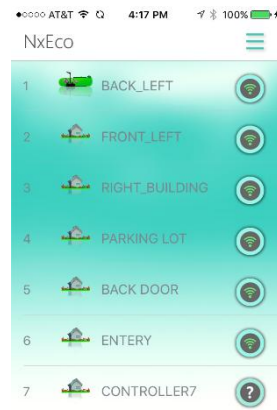


- One Switch Client item is shown up.
- Touch Switch Client. There are one owner account (light) and four authorized accounts (Dark). Switch to [LUCKIDAYSinc@gmail.com](mailto:LUCKIDAYSinc@gmail.com), and press Yes.

# Smart Irrigation Controller Manual



- Then from liangli23348@yahoo.com account opens the operation for smart controllers registered under [LUCKIDAYSinc@gmail.com](mailto:LUCKIDAYSinc@gmail.com) account. liangli23348@yahoo is one authorized account of [nexcoinc@gmail.com](mailto:nexcoinc@gmail.com)

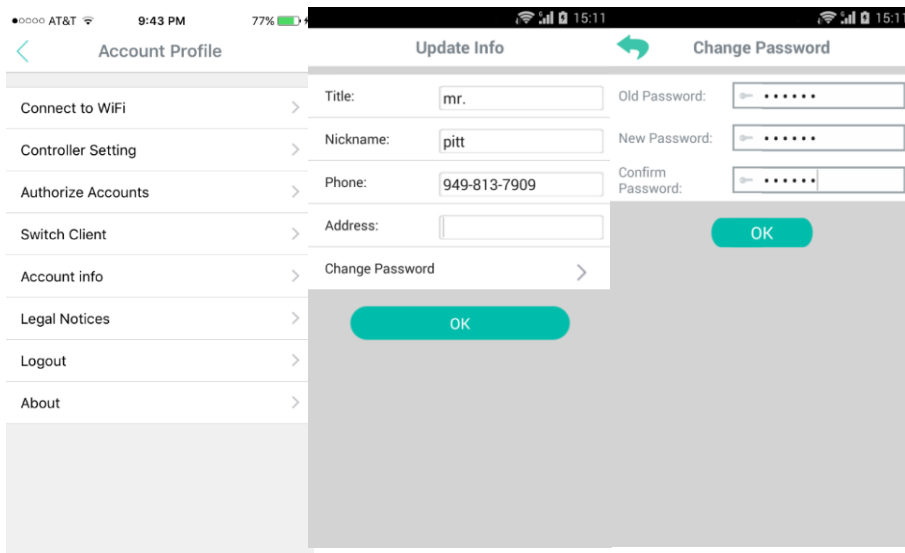


## 9. Account Upgrade

The account and usage info are easy to be upgraded on following page as,

# Smart Irrigation Controller Manual

---



## Tech and Service Support

LUCKIDAYS Inc.

[www.LUCKIDAYS.com](http://www.LUCKIDAYS.com)

Email: [support@LUCKIDAYS.com](mailto:support@LUCKIDAYS.com)

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

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation exposure statement: this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body