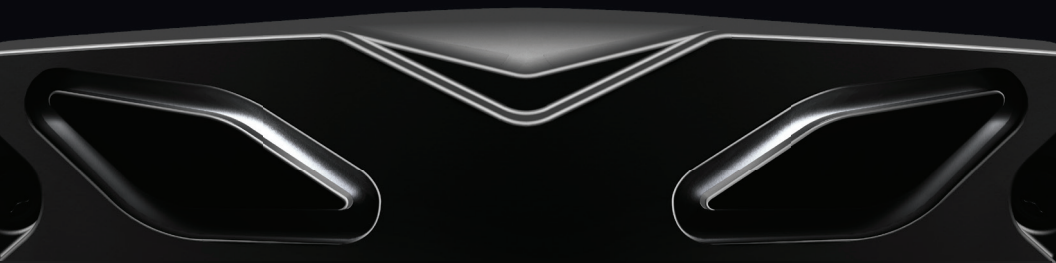# TiaoJiou®

WiFi EDGE

Setup Guide

TIAOJIOU

Thank you!

Thank you for purchasing a WiFi Edge LED Fixture!
We know you will be pleased with the performance
and years of service this light will provide.

Customer Support
Tiaojiou Limited
Support@tiaojiou.com
886-2-2910-9190

#tiaojiouproducts #tiaojioutaiwan #tiaojioufixtures #wifiedge

Contents

Safety Guidelines

A) READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

B) DANGER – To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt repairs by yourself; return the appliance to an authorized service facility for service or discard the appliance:

1) If the appliance falls into the water, DON'T reach for it! First unplug it and then retrieve it. If electrical components of the appliance get wet, unplug the appliance immediately. (Non-immersible equipment only)

2) If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source. (Immersible equipment only)

3) Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.

4) Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.

5) To avoid the possibility of the appliance plug or receptacle getting wet, position aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A "drip loop," shown in the figure on page 6, should be arranged by the user for each cord connecting an aquarium appliance to a receptacle. The "drip loop" is that part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DON'T unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then, unplug and examine for presence of water in the receptacle.

C) Close supervision is necessary when any appliance is used by or near children.

D) To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, and the like.

E) Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull the plug from outlet. Grasp the plug and pull to disconnect.

F) Do not use an appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.

G) Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.

H) Make sure an appliance mounted on a tank is securely installed before operating it.

I) Read and observe all the important notices on the appliance.

J) If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.

K) For added safety, the appliance must be plugged into a receptacle controlled by a GFCI (ground fault interrupter) circuit breaker. The device must be properly connected to a grounded three-prong receptacle.

L) This appliance is intended FOR HOUSEHOLD USE ONLY.

M) This Light Fixture is required to be used over a covered aquarium. A glass top or protective barrier is required to minimize the fixture's exposure to water.
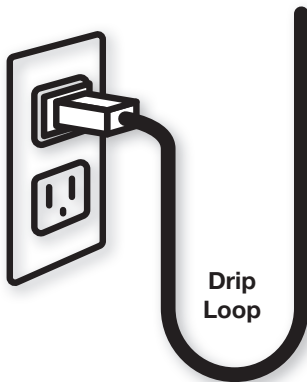
N) SAVE THESE INSTRUCTIONS.

Inside the Box
WiFi Edge LED Fixture
Power Supply
Setup Guide

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1. Place the power supply
in a location where it won't
get wet. Create a drip loop
and connect the fixture cord
to the power outlet.

**Drip
Loop**

**Install App &
Connect to Fixture**

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2. Scan the QR code or search
for the name "TT3Connect"
to download the TT3 Connect
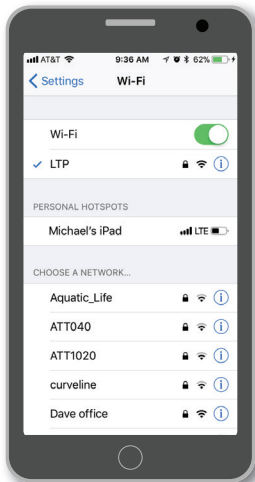App to your smart phone.

Scan QR code for App

*NOTE: The only way to
control the fixture is with
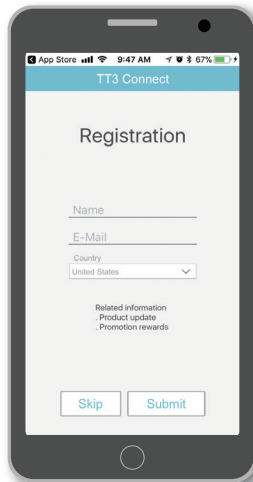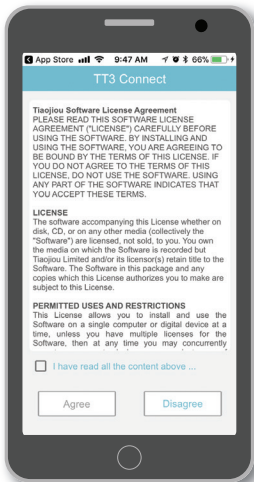the TT3 Connect App*

TT3Connect icon

3. Navigate to Settings in your phone and ensure it is connected to a 2.4GHz WiFi Network.

* In cases where a dual band (2.4GHz+5GHz) WiFi router is used, it is strongly suggested to use different SSID for each band to distinguish the 2.4GHz network from the 5GHz.
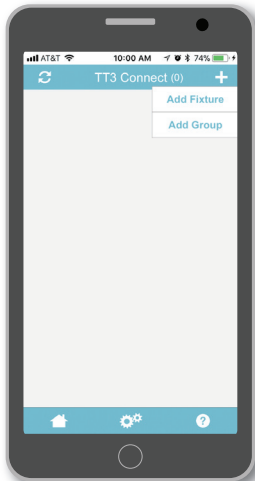
4. Launch the TT3 Connect
App and follow the prompts.

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TT3 Connect

Tiaojiou Software License Agreement
PLEASE READ THIS SOFTWARE LICENSE
AGREEMENT ("LICENSE") CAREFULLY BEFORE
USING THE SOFTWARE. BY INSTALLING AND
USING THE SOFTWARE, YOU ARE AGREEING TO
BE BOUND BY THE TERMS OF THIS LICENSE. IF
YOU DO NOT AGREE TO THE TERMS OF THIS
LICENSE, DO NOT USE THE SOFTWARE. USING
ANY PART OF THE SOFTWARE INDICATES THAT
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"Software") are licensed, not sold, to you. You own
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This License allows you to install and use the
Software on a single computer or digital device at a
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Software, then at any time you may concurrently

☐ I have read all the content above ...

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TT3 Connect

Registration

Name

E-Mail

Country
United States ⌄

Related information
. Product update
. Promotion rewards

| Skip | Submit |

5. In the TT3 Connect App,
tap the "+" on the top right
and select "Add Fixture".

**Install App &
Connect to Fixture**

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6. To pair the fixture with your phone:
- Press the button on the side of the fixture once.

The LED indicator will turn solid purple.
- Press and hold the button for 3 seconds. The LED indicator will blink purple.

Indicator

Button
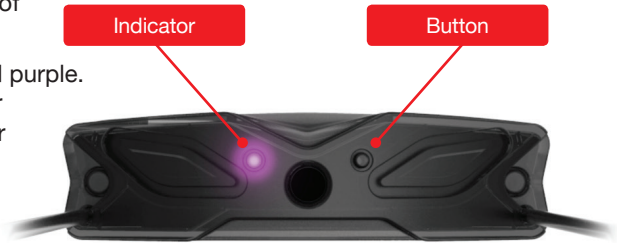
7. Enter the password for the WiFi network.

The fixture will connect to the WiFi network and the indicator light will turn solid color.

To verify if the fixture is well connected, close the TT3 Connect App and re-open the App. The App will scan for fixtures and then display the fixture you've just connected to.
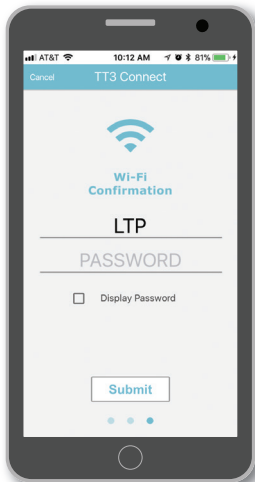
To rename a fixture for better distinguishability, press and hold the default name of the fixture.

In this example the default name is "Edge2-0577A7"
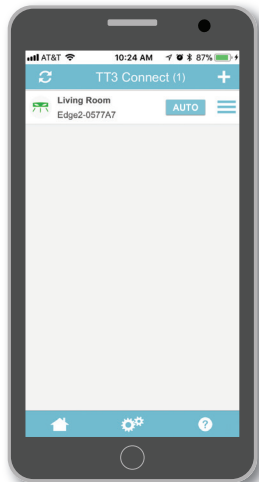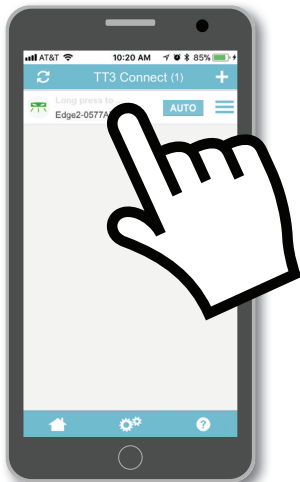
The TT3 Connect App allows you to group multiple Edge fixtures together and control them as a single fixture. This is helpful when more than one fixture are installed over a single aquarium or if two separate aquariums have the same lighting requirements.

a. In the TT3 Connect App, tap the "+" on the top right and select "Add Group".

b. Enter a name for your group. Example would be "Cichlid Tank". You can also include a picture of the tank for easy reference.

c. Select the fixtures you wish to group together.
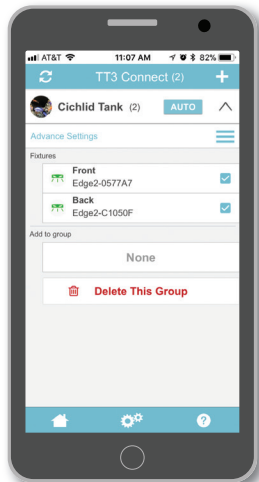
Select the gears icon from the bottom menu bar:

a. **Hour System** – Time will be displayed as AM/PM or 24 Hour format.

b. **Demo Speed** – The fixture has the ability to show you an entire 24 hours of programmed lighting in a short period of time. This is helpful when programming the fixture to view the fixture colors and intensity. Demo Speed allows you to view the programming at your preferred speed.

c. **Font Size** – Set font size of TT3Connect.
   * Only for Android

d. **Name & Email** – Update as needed.

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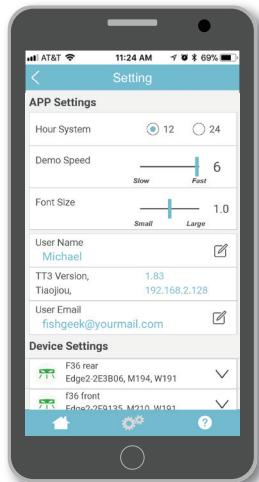
The WiFi Edge Fixtures come pre-programmed with color spectrums and times. When adding a new fixture or group, you will be prompted to select your choice of pre-programmed options. Select the color scheme best suited for your application. You will be able to modify after initial setup.
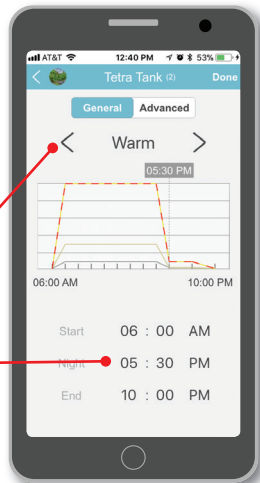
Freshwater Options
> Warm
> White
> Cool

Marine Options
> White
> Cool White
> Blue White

Toggle between pre-programmed colors

Tap to change time

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After initial setup, it is possible to adjust the light intensity, colors and time. These adjustments can be made either for a fixture or a group.

NOTE: If a fixture is part of a group, only the group can be adjusted.

Tap on the graph to modify the light intensity, colors and times

Tap to turn on Lightning Storm

Tap to turn on Weather Function

Advance to next time point or preview 24-hour programming with the play button

Adjust light intensity for all LED's at the same time

Delete a Time Point

Add a Time Point

Advance to next Time Point

Tap number to change color percentage

Lightning & Weather

TIAOJIOU
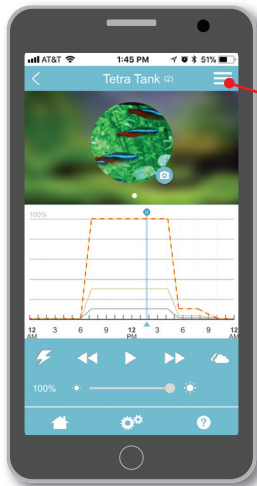
Tap the top right menu to access the Lightning and Weather functions
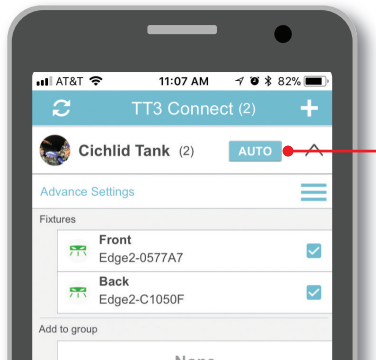
Tap number to change duration
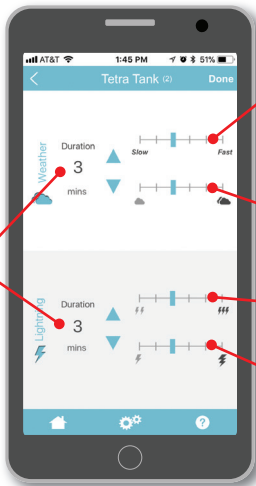
Adjust how quickly weather randomly changes

Change intensity of weather

Adjust how often lightning strikes

Adjust intensity of lightning

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SOLID BLUE –
Fixture is in the AUTO mode

SOLID GREEN –
Fixture is manually turned ON or OFF

Indicator Lights

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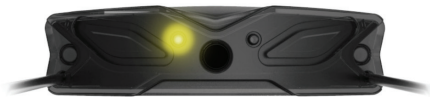
BLINKING YELLOW –
Not connected to WiFi

SOLID PURPLE –
Pairing Button has been pressed once

BLINKING PURPLE –
Pairing Button held for three seconds
and fixture is ready to be paired with
a WiFi Network

SOLID RED –
Fixture has overheated and has automatically
reduced light intensity to allow for cooling

Troubleshooting

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Below are common situations and the most common solutions.
If you have issues that you cannot solve, please contact Distributor of Tiaojiou. or
Support@tiaojiou.com   886-2-2910-9190

ISSUE	RESOLUTION
Light will not turn on (Indicator Light on the side of the fixture is off)	> Check all cord connections on the power supply > Verify power outlet is working properly
Indicator Light on side of fixture is blinking yellow	> Fixture needs to be paired to the WiFi Network (Pg. 11)
Cannot view Fixture on the TT3 Connect App	> Ensure the WiFi in the Phone's Settings is turned on > Verify that the Phone and Fixture are on the same WiFi Network > Verify that the Fixture has been setup on the WiFi Network (Pg. 10)
Cannot add a Fixture to a Group	> Verify that the Fixtures are the same model (all Freshwater or all Marine) > Verify that the Fixture you are trying to add isn't part of another Group
Lightning Storm not working	> Increase the duration and intensity of the Lightning (Pg. 19)

READ AND FOLLOW ALL SUPPLIED SAFETY INSTRUCTIONS

This device complies with Annex III module B and Article 3.1(b) and 3.2 of RED 2014/53/EU.
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.

CE Certificate Number: BCTC-150708863

Manufactured by Tiaojiou Limited

$C \in$ RoHS
COMPLIANT

Warranty

Tiaojiou limited or its dealer warrants that this product shall be free from defective

electrical components and leaks or cracks due to defects in materials or

workmanship for a period of twelve (12) months from the date of purchase.

If a defect is shown, Tiaojiou limited or its dealer will, at Tiaojiou limited or its dealer's sole discretion,

either repair or replace the product without charge. No cash refunds will be

made. This warranty is provided solely to the original consumer purchaser

of the product and may not be transferred or assigned.

This warranty does not apply to damage resulting from accident,

misuse, abuse, lack of reasonable care, failure to follow safety and

installation instructions, use of the product with non-standard electrical

service, or any other defect not resulting from defects in the electrical

components of the product or defects in materials or workmanship.

This warranty will not be effective unless and until the Tiaojiou limited or its dealer's

product is shown to have been used in accordance with the safety and

installation instructions accompanying the product.

THIS CONSTITUTES TIAOJIOU LIMITED OR ITS DEALER'S ENTIRE WARRANTY AND

TIAOJIOU LIMITED OR ITS DEALER MAKES NO OTHER WARRANTIES, WHETHER

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WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH

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DURATION TO THE DURATION OF THIS WARRANTY. TIAOJIOU LIMITED OR ITS DEALER

IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR

CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH

OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL

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DAMAGES FOR LOSS OF MARINE LIFE, PERSONAL INJURY, AND/OR PROPERTY DAMAGE.

Tiaojiou limited or its dealer shall not have any obligations under this warranty unless

the owner notifies Tiaojiou limited or its dealer in writing of any alleged defect(s)

within 30 days of discovery of the defect(s). An support email to Tiaojiou limited or its dealer

from the Help page of TT3Connect APP