The sample settings below can be used to create different color spectrums in your tank.
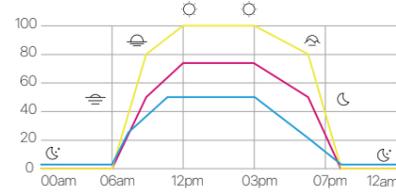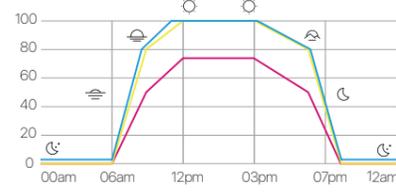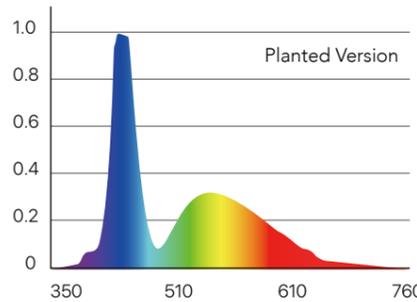
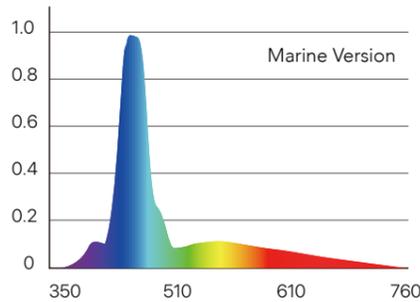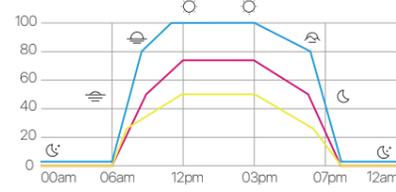### 10K White

	Dawn	Sunrise	Midday	Sunset	Dusk	Night
White Channel A	0% @ 6:00AM	80% @ 8:00 AM	100% @ 12:00 PM	100% @ 3:00 PM	80% @ 6:00 PM	0% @ 8:00 PM
Blue Channel B	1% @ 6:00AM	25% @ 7:00 AM	50% @ 10:00 PM	50% @ 3:00 PM	25% @ 6:00 PM	1% @ 8:00 PM
Special Channel C	0% @ 6:00AM	50% @ 8:00 AM	75% @ 12:00 PM	75% @ 3:00 PM	50% @ 6:00 PM	0% @ 8:00 PM

15K White & Blue

	Dawn	Sunrise	Midday	Sunset	Dusk	Night
White Channel A	0% @ 6:00AM	80% @ 8:00 AM	100% @ 12:00 PM	100% @ 3:00 PM	80% @ 6:00 PM	0% @ 8:00 PM
Blue Channel B	1% @ 6:00AM	80% @ 7:00 AM	10% @ 10:00 PM	100% @ 3:00 PM	80% @ 6:00 PM	1% @ 8:00 PM
Special Channel C	0% @ 6:00AM	50% @ 8:00 AM	75% @ 12:00 PM	75% @ 3:00 PM	50% @ 6:00 PM	0% @ 8:00 PM

20K Heavy Blue

	Dawn	Sunrise	Midday	Sunset	Dusk	Night
White Channel A	0% @ 6:00AM	25% @ 8:00 AM	50% @ 12:00 PM	50% @ 3:00 PM	25% @ 6:00 PM	0% @ 8:00 PM
Blue Channel B	0% @ 6:00AM	25% @ 7:00 AM	50% @ 10:00 PM	50% @ 3:00 PM	25% @ 6:00 PM	0% @ 8:00 PM
Special Channel C	0% @ 6:00AM	50% @ 8:00 AM	75% @ 12:00 PM	75% @ 3:00 PM	50% @ 6:00 PM	0% @ 8:00 PM

Marine Version

Planted Version

Lighting Compare

Aqua Air 300

Power: 24W
Size: 280X126X11mm
Weight: 1.5kg
Packing: 450x170x50mm

Marine:
20pcs White Channel A - White
8pcs Blue Channel A - White
28pcs Royal Blue Channel B - Blue
2pcs Blue Channel C - Special
2pcs W White Channel C - Special
2pcs UV Channel C - Special
1pc Red Channel C - Special
1pc Green Channel C - Special

Planted:
28pcs White Channel A - White
20pcs White Channel B - Blue
8pcs Blue Channel B - Blue
2pcs Blue Channel C - Special
2pcs W White Channel C - Special
2pcs UV Channel C - Special
1pc Red Channel C - Special
1pc Green Channel C - Special

Bracket Dimesions (length):
Min tank: 325mm
Max tank: 565mm

Aqua Air 600

Power: 48W
Size: 560X126X11mm
Weight: 2.0kg
Packing: 840x170x50mm

Marine:
40pcs White Channel A - White
16pcs Blue Channel A - White
56pcs Royal Blue Channel B - Blue
4pcs Blue Channel C - Special
4pcs W White Channel C - Special
4pcs UV Channel C - Special
2pc Red Channel C - Special
2pc Green Channel C - Special

Planted:
56pcs White Channel A - White
40pcs White Channel B - Blue
16pcs Blue Channel B - Blue
4pcs Blue Channel C - Special
4pcs W White Channel C - Special
4pcs UV Channel C - Special
2pc Red Channel C - Special
2pc Green Channel C - Special

Bracket Dimesions (length):
Min tank: 585mm
Max tank: 1085mm

Aqua Air 900

Power: 72W
Size: 860X126X11mm
Weight: 2.5kg
Packing: 1010x170x50mm

Marine:
60pcs White Channel A - White
24pcs Blue Channel A - White
84pcs Royal Blue Channel B - Blue
6pcs Blue Channel C - Special
6pcs W White Channel C - Special
6pcs UV Channel C - Special
3pc Red Channel C - Special
3pc Green Channel C - Special

Planted:
84pcs White Channel A - White
60pcs White Channel B - Blue
24pcs Blue Channel B - Blue
6pcs Blue Channel C - Special
6pcs W White Channel C - Special
6pcs UV Channel C - Special
3pc Red Channel C - Special
3pc Green Channel C - Special

Bracket Dimesions (length):
Min tank: 885mm
Max tank: 1385mm

Aqua Air 1200

Power: 96W
Size: 1160X126X11mm
Weight: 3.0kg
Packing: 1300x170x50mm

Marine:
80pcs White Channel A - White
32pcs Blue Channel A - White
112pcs Royal Blue Channel B - Blue
8pcs Blue Channel C - Special
8pcs W White Channel C - Special
8pcs UV Channel C - Special
4pc Red Channel C - Special
4pc Green Channel C - Special

Planted:
112pcs White Channel A - White
80pcs White Channel B - Blue
32pcs Blue Channel B - Blue
8pcs Blue Channel C - Special
8pcs W White Channel C - Special
8pcs UV Channel C - Special
4pc Red Channel C - Special
4pc Green Channel C - Special

Bracket Dimesions (length):
Min tank: 1185mm
Max tank: 1685mm

Information

WARNING: Never put the light and the smart controller in the water. Doing so may be dangerous and damage your light.

Important Handling Information

NOTICE: Failure to follow these handling instructions could result in damage to your Aqua Air or other property.

Carrying your Aqua Air before you move your Aqua Air, shut it down and disconnect all cables and cords connected to it. Using power cord Never force a connector into a port. Don't put the power cord into your tank when it connected. When you Setup your Aqua Air please make sure that it locate power supply where it will not be exposed to any water or moisture.

Mount your power supply where it won't get wet. Include a "drip loop" - a tied loop of cord hanging down below the level of the electrical outlet. That way, if water happens to run down the cord from the tank, it will drip off onto the floor rather than into the outlet. Drip Loops should always be used to help prevent water from traveling along the cord and coming into contact with an electrical outlet. Drip loops must always be below the level of the outlet. If the plug or outlet does get wet, DO NOT TOUCH the cord.

Storing your Aqua Air If you are going to store your Aqua Air for an extended period of time, keep it in a cool location (ideally, 71° F or 22° C).

When cleaning the outside of your Aqua Air, first shut down your Aqua Air and unplug the power cord. Then use a damp, soft, lint-free cloth to clean the lamp exterior. Avoid getting moisture in any openings. Do not spray liquid directly on the lamp. Do not use aerosol sprays, solvents, or abrasives that might damage the finish.
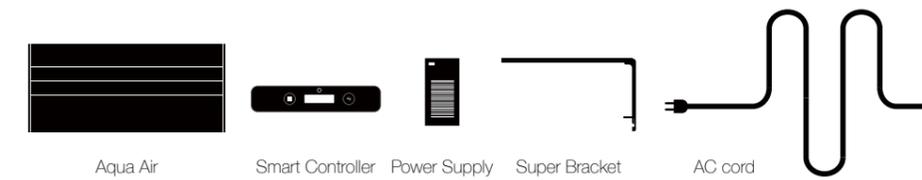
MicMol and the Environment

MicMol. recognizes its responsibility to minimize the environmental impact of its operations and products.
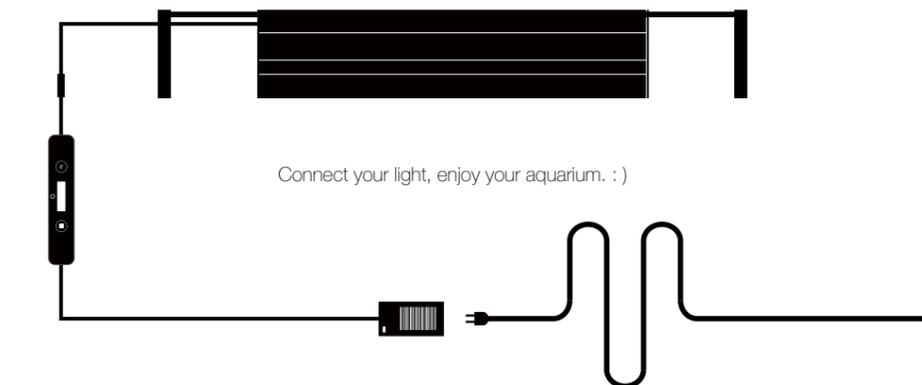
Warranty

MicMol warrants all MicMol products to be free from manufacturing defects for one year from the original purchase date when purchased through an authorized MicMol retailer. This warranty does not cover any damages caused by misuse, neglect, alterations or improper handling / transport / maintenance / installation. Physical damages are not covered by warranty. MicMol does not cover personal injury, personal loss, or other damages associated with the use of our products. In order to request warranty service, please email us at support@micmol.com. A purchase receipt is required for any warranty service. Products requiring warranty service must be returned to MicMol or authorized MicMol retailer. You are responsible for the cost of shipping a warranty claim to MicMol and any damages that may occur during transit. Once a returned product has been inspected, it will be repaired or exchanged at our discretion and returned to you. Thank you very much.
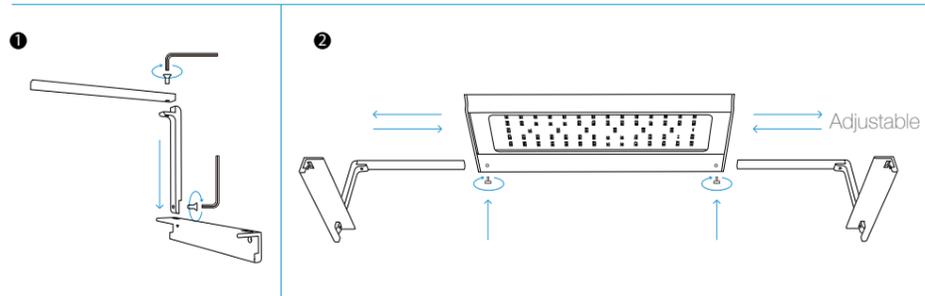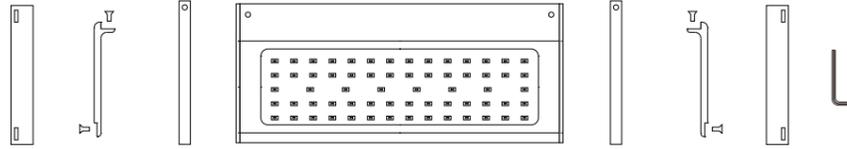
⬡ MICMOL

AQUA Air Series

Aqua Air Overview

Aqua Air   Smart Controller   Power Supply   Super Bracket   AC cord

Getting Started

Connect your light, enjoy your aquarium. :)

Congratulations on purchasing your Aqua Air.
Read this guide to get started to installing your lighting.

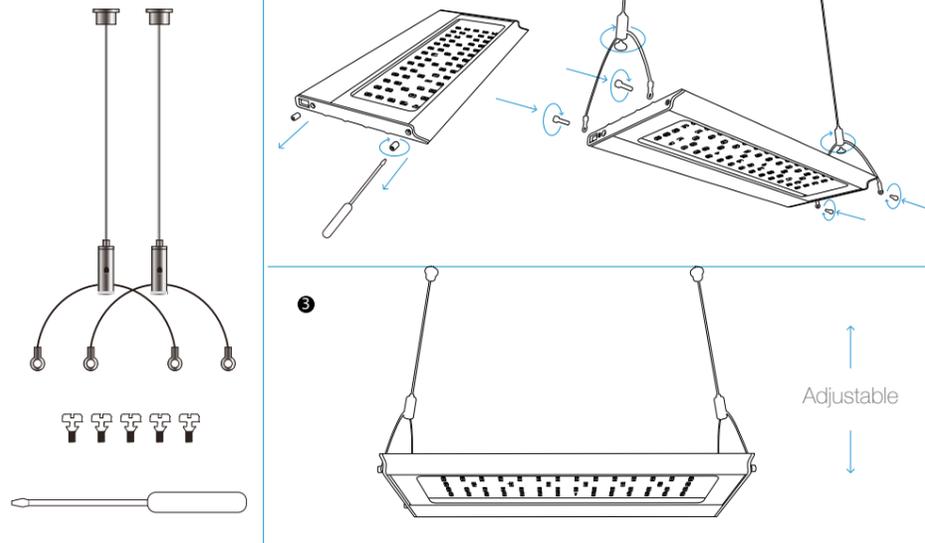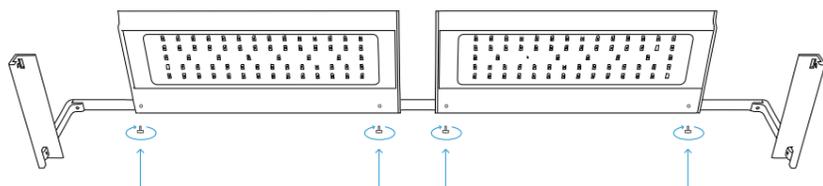## How to install the bracket. (Standard)

Overview the bracket.

❶

❷

Adjustable

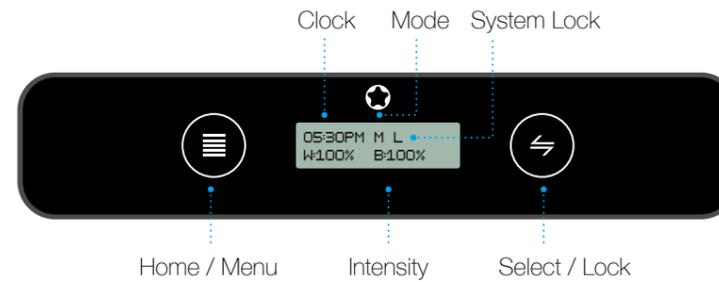## How to install the hanging kits. (Optional)

Overview Hanging Kits

❶

❷

❸

Adjustable

How to connect two Aqua Air. (Optional)

Overview connector

AQUA Air Controller Setup

Clock   Mode   System Lock

05:30PM M L
W:100% B:100%

Home / Menu   Intensity   Select / Lock

Home / Menu - Browse menu.
Special Function 1 : Hold on 3 second to return to the previous menu.
Special Function 2 : Hold on 3 second under locked to switch Auto & Manual mode.

Select / Adjust - Enter the sub-menu to adjust the parameters.
Special Function 1: Hold on 3 second to unlock system.
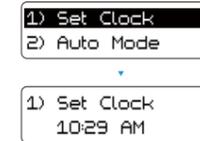Special Function 2: Hold on 3 second to lock system.

	Auto Mode		Manual Mode	
Systems Loading iMOS 3.0M	05:30PM A L W:060% B:060%	05:30PM A LT S:030%	05:30PM M L W:100% B:100%	05:30PM M LT S:100%
Boot screen	Home screen 1	Home screen 2	Home screen 1	Home screen 2

Note: "A" = Auto Mode, "M" = Manual Mode, "L" = Locked, "LT" = Lightning ON.

Setting Up Your Aqua Air now.

1) Set Clock

1. Hold ⊖ Select/Lock for 3 seconds to unlock controller
2. Press ☰ Home/Menu to enter main menu
3. Press ☰ Home/Menu to toggle through options
4. Press ⊖ Select/Lock to select 1) Set Clock menu
5. Press ⊖ Select/Lock to adjust Time.
6. Press ☰ Home/Menu to toggle through options
7. Press ☰ Home/Menu to return to main menu

1) Set Clock
2) Auto Mode

1) Set Clock
10:29 AM

2) Auto Mode - Set LEDs (e.g: Set White Channel)

1. Hold ⊖ Select/Lock for 3 seconds to unlock controller
2. Press ☰ Home/Menu to enter main menu
3. Press ☰ Home/Menu to toggle through options
4. Press ⊖ Select/Lock to select 2) Auto Mode menu
5. Press ⊖ Select/Lock to select Set White menu
6. Press ⊖ Select/Lock to adjust DawnTime.
7. Press ☰ Home/Menu to toggle through options
8. Press ☰ Home/Menu to select Intensity
9. Press ⊖ Select/Lock to adjust Intensity.
10. Press ☰ Home/Menu to toggle through options
11. Press ☰ Home/Menu to move to next setpoint
12. Repeat Steps 5-9 for Sunrise, Midday, Sunset, Dusk and Night
13. Press ☰ Home/Menu to return to main menu

1) Set Clock
2) Auto Mode

Set White
Set Blue
Set Special

Dawn   06:00 AM
Intensity   001%

Sunrise   07:00 AM
Intensity   050%

Midday   12:00 PM
Intensity   100%

Sunset   03:00 PM
Intensity   100%

Dusk   07:00 PM
Intensity   050%
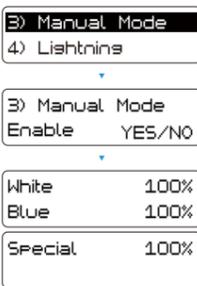
Night   10:00 PM
Intensity   001%

Auto Mode (Set Blue & Special Channel)

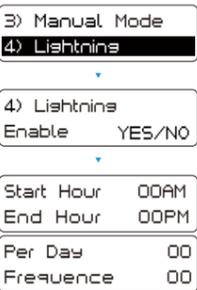Set the Blue Channel and Special Channel which is same as the White Channel operate step.

Set White
Set Blue

Set Blue
Set Special

3) Manual Mode

1. Press ⊖ Select/Lock to select 3) Manual Mode menu
2. Press ☰ Home/Menu to adjust Enable Manual Mode > Yes/No
3. Press ⊖ Select/Lock to enter the channel selection list
4. Press ☰ Home/Menu to select the White, Blue, Special Channel
5. Press ⊖ Select/Lock to adjust Intensity for each channel
6. Press ☰ Home/Menu to return to main menu

3) Manual Mode
4) Lightning

3) Manual Mode
Enable   YES/NO

White   100%
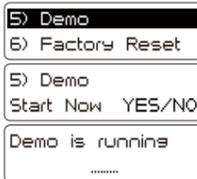Blue   100%

Special   100%

4) Lightning
The advanced settings allow you to control the time period storms will occur in a 24 hour period, the number of storms during this set time and the frequency at which a storm period is activated.

1. Hold ⊖ Select/Lock for 3 seconds to unlock controller
2. Press ☰ Home/Menu to enter main menu
3. Press ☰ Home/Menu to toggle through options
4. Press ⊖ Select/Lock to select 5) Set Lightning menu
5. Press ☰ Home/Menu to set Start/End Hour
6. Press ⊖ Select/Lock to adjust Start/End Hour.
7. Press ☰ Home/Menu to toggle through options
8. Press ☰ Home/Menu to return to previous menu
9. Press ⊖ Select/Lock to adjust Enable Lightning > Yes/No
10. Press ☰ Home/Menu to set Per Day and Frequency
11. Press ⊖ Select/Lock to adjust Per Day
12. Press ☰ Home/Menu to set Frequency
13. Press ⊖ Select/Lock to adjust Frequency
14. Press ☰ Home/Menu to return to main menu

3) Manual Mode
4) Lightning

4) Lightning
Enable   YES/NO

Start Hour   00AM
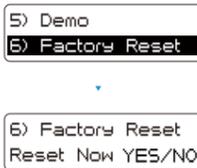End Hour   00PM

Per Day   00
Frequence   00

5) Demo

1. Press ☰ Home/Menu button to enter main menu
2. Press ☰ Home/Menu button to select 5) DEMO
3. Press ⊖ Select/Lock button to select YES
Note: The DEMO will show all your settings in 1 minute.

5) Demo
6) Factory Reset

5) Demo
Start Now YES/NO

Demo is running
....

6) Factory Reset

1. Press ☰ Home/Menu button to enter main menu
2. Press ☰ Home/Menu button to select Factory Reset
3. Press ⊖ Select/Lock button to select YES
4. Press ☰ Home/Menu button to set Factory Reset

5) Demo
6) Factory Reset

6) Factory Reset
Reset Now YES/NO

The Control system will gradually ramp the intensity of LED between set points.
The graph below outlines how the LEDs will ramp up and down between settings.

24 Hours Lighting Cycle Overview