# Interpet ®

# AQUA ❄
# SMART
# LED
## LIGHTING UPGRADE

# QUICK START
# GUIDE

# GETTING TO KNOW YOUR AQUA SMART LED LIGHTING

**2.** Retrofit screws

**4/5.** T8/T5 Adapter

**1.** Adjustable end brackets

**2.** Retrofit screws

**1.** Adjustable end brackets

**4/5.** T8/T5 Adapter

**3.** Dual extruded housing

**8.** Quick start guide

**6.** Power Cable (2.8m)

**7.** Power supply transformer
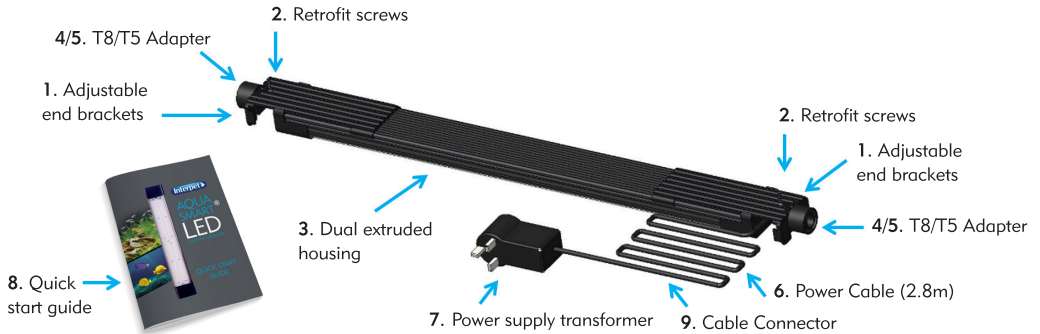
**9.** Cable Connector

| | | |
|---|---|---|
| **1.** Adjustable end brackets | **4.** T8 Adaptor | **7.** Power supply transformer *(see spares for replacement)* |
| **2.** Retrofit screws | **5.** T5 Adaptor | **8.** Quick start guide |
| **3.** Dual extruded housing | **6.** Power cable (2.8m) | **9.** Cable Connector |

## How to install your Aqua Smart LED lighting

- The power supply transformer is not waterproof – this must be mounted such that it cannot fall into the aquarium or be splashed by water.

- The cable must be installed with a drip loop to prevent any water running down the cable into the plug socket.

**Drip Loop**
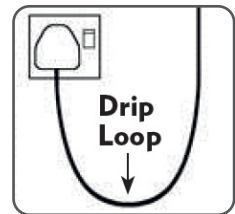
There are three options for fitting the Aqua Smart LED lighting unit;

**1. Direct replacement fit with adjustable end brackets for open top tanks**

**a.** If not already fitted, push fit the adjustable end brackets onto both ends of the dual extruded housing (3), see illustration on pack. Ensure cable exits out of cable tunnel and then down to the back of the aquarium safely.

**b.** Slide end brackets (1) so that the bracket lips fit securely onto the aquarium edge as illustrated. Each size is adjustable to fit a range of different size aquariums, see packaging for suitable size.
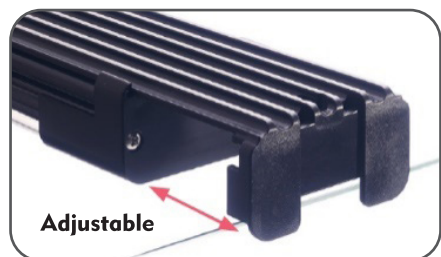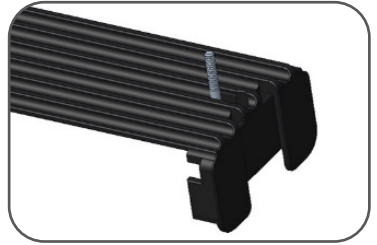
**Adjustable**

**2. Under Hood location with adjustable end brackets for retrofit**

No need to remove the brackets for fitting.

**a.** Adjust the retrofit end brackets (1) to the desired length.

**b.** Ensure the hood material is thicker than the length of the retrofit screws (2) provided
to prevent them protruding through the outer surface.

**c.** Using the self-tapping screws provided fix the bracket in position using the fixing holes in the bracket.

**Top tip...** If using retrofit screws is not possible, all-round plastic / metal glue could be used to attach the bracket instead, for example: 502 super adhesive glue. Always follow the glue manufacturer's instructions fully.





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**3. T8/T5 Light Adapters**

Aqua Smart comes complete with T8/T5 light adapters so they can fit a wide variety of fluorescent lighting units. Simply clip the T5 Adapter end (4) onto the adjustable end brackets (1) at both ends and choose between the larger T8 fitting or smaller T5 fitting (see image below). It's a snap fit onto the end of the adjustable end bracket (1) which can be removed with a small screwdriver if needed.



**(1)**

**(5)** **(4)**
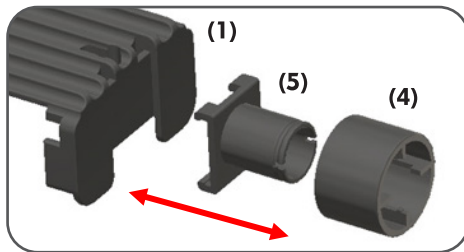


**BLUETOOTH**

Aqua Smart comes with inbuilt Bluetooth as standard, it is not sold separately. Compatible with both iOS and Android. Download the Free Aqua Smart App onto a smartphone and hit scan for devices. When on the App or Play Store, look out for the following Interpet Aqua Smart App Icon.

Follow the next steps for connecting a new Aqua Smart unit:

**1.** After Bluetooth scanning and finding the Aqua Smart unit/s it will take you to the home screen.

**2.** Click on the plus icon at the bottom of the home page.

**3.** This takes you to the Grouped page, first click create a new group, then assign the Aqua Smart unit/s and name the group, example: Kitchen. Multiple groups can be created but only one group can be controlled at any one time.

**4.** Then click the ON button and click SAVE. This group is now being controlled by the App, both Manual and Pre-Set options will work. Reverse process to control another group.

**Top tip...** to create a new group there must be at least one unassigned Aqua Smart unit available.
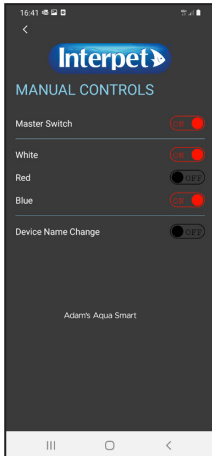
## MANUAL CONTROLS

Manual controls allow you to quickly setup your aquarium with TIMERS & WEATHER. Once MANUAL controls are activated this will continuously cycle each day until interrupted by a new programme.

MANUAL TIMERS and MANUAL WEATHER pages work simultaneously.

Simply select your preferences and hit the activate button at the bottom of the page to start the MANUAL controls.

Master switch instantly turns all LEDs on/off regardless of any saved PRE-SETS. Individual colours: White, Red & Blue can also be switched On or Off individually.

See Device Name Change section in the instructions for changing Aqua Smart device name.
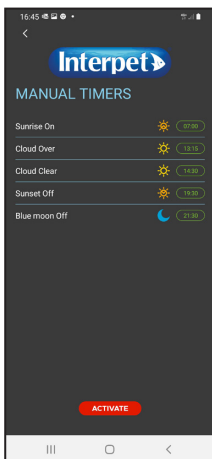


## MANUAL TIMERS

- **Sunrise On:** Set the time you would like the Aqua Smart LED to automatically turn on each day. Automatically increasing the brightness of the LEDs over a 15-minute period.

- **Cloud Over/Clear:** Feature is a daytime light break for your aquarium to help prevent algae blooms during each day.

- **Sunset Off:** Set the time the lighting will automatically turn off. Automatically dimming the LEDs over a 15-minute period.

- **Blue Moon Off:** Allows blue moon lighting to be adjusted to a desired time. Enables nocturnal species to venture out into the aquarium as well as allow a night-time ripple effect.

- **Click Activate to start**



## MANUAL WEATHER

**STORM:** Select up to 4 storms.

- Select start time and finish time.

- Select intensity of each storm – LOW, MEDIUM & HIGH.

- Select the colour mix of each storm – 0-100% using the White, Red & Blue LEDs.

- **Click Activate to start**

## PRE-SETS

This feature enables you to create bespoke programmes and also save and demo them in the play section. You are able to change the LED colour mix, select up to four storms, change the storm intensity and select from a range of timer options.

Start with CREATE PRE-SETS, select preferences, at least one storm must be activated.

First choose LED colour mix output 0-100% for the white, red and blue.
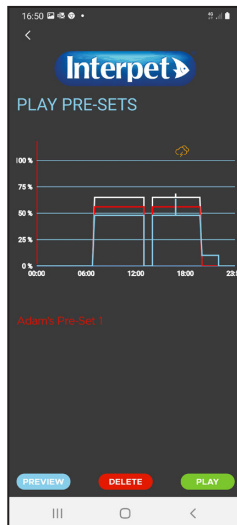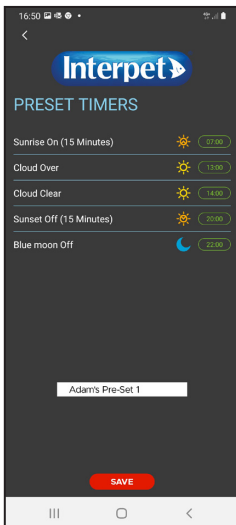
**STORM:** Select up to 4 storms.

• Select start time and finish time.

• Select intensity of each storm – LOW, MEDIUM & HIGH.

• Select the colour mix of each storm – 0-100% using the White, Red & Blue LEDs.

**Top tip...** If you don't want a storm, set the on & off time for the storm to the same time.

• Click active

Click the NEXT button. This then automatically takes you onto the timer options.

## PRE-SET TIMERS

**Sunrise On:** Set the time you would like the Aqua Smart LED to automatically turn on each day. Automatically increasing the brightness of the LEDs over a 15-minute period.

**Cloud Over/Clear:** Feature is a daytime light break for your aquarium to help prevent algae blooms during the day.

**Sunset Off:** Set the time the lighting will automatically turn off. Automatically dimming the LEDs over a 15-minute period.

**Blue Moon Off:** Allows blue moon lighting to be adjusted to a desired time. Enables nocturnal species to venture out into the aquarium as well as allow a night-time ripple effect.

Saved PRE-SETs can be found in the PLAY PRE-SETs page, these can be seen by selecting and hitting the preview button. Preview's last 60 seconds.

Once happy with the PRE-SET, select the play button and the Aqua Smart LED will start using the PRE-SET programme from that point forward.

Once you activate a new programme (hit PLAY) it automatically wipes the old programme which was running before.

# BIOTOPE PRE-SET EXAMPLES
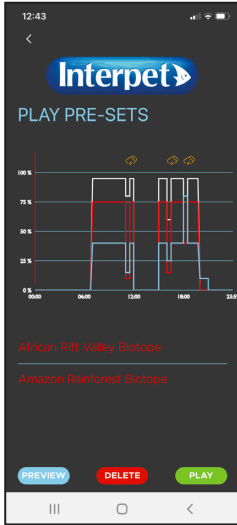




## Amazon Rainforest

**Colour Mix**
White 95%  /  Red 75%  /  Blue 40%

| **Storm 1** | **Storm 2** | **Storm 3** |
|---|---|---|
| High intensity | Low intensity | Low intensity |
| White 80% | White 60% | White 40% |
| Red 10% | Red 15% | Red 40% |
| Blue 15% | Blue 25% | Blue 80% |
| On: 12:00 | On: 16:45 | On: 18:35 |
| Off: 12:25 | Off: 17:30 | Off: 19:15 |

**Timer**
Sunrise On: 07:00          Sunset Off: 20:00
Cloud Over: 12:00          Blue Moon Off 21:00
Cloud Clear: 15:00

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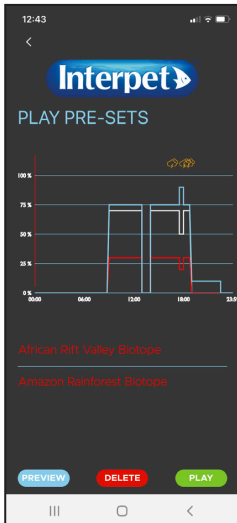




## African Rift Valley

**Colour Mix**
White 70%  /  Red 30%  /  Blue 75%

| **Storm 1** | **Storm 1** |
|---|---|
| High intensity | On: 17:55 |
| White 50% | Off: 18:30 |
| Red 20% | |
| Blue 90% | |

**Timer**
Sunrise On: 09:00          Sunset Off: 19:00
Cloud Over: 13:00          Blue Moon Off: 22:30
Cloud Clear: 14:00

These are examples only. They are not saved
pre-sets on the Aqua Smart App.

## GROUPING FEATURES

You can group up to 7 Aqua Smart units together as one group. Once grouped, you only need to complete your saved settings once.

LED units will then be synchronised together, and all functions will be the same. You can then rename the group description. Groups can also be deleted.

Also split groups into smaller groups for multiple aquariums in one room or multiple rooms and control using the one Aqua Smart App. Allowing you to assign different group names as needed.

Make sure that there is an unassigned device before creating a new group.

## DEVICE NAME CHANGE

Once the Aqua Smart LED is connected to the Aqua Smart App, go to the manual controls page and select Device Name Change, a text box below will appear allowing you to put in a new description. Then click save to finish.

## MAINTENANCE & CLEANING

Switch the Aqua Smart LED off and carefully remove from the aquarium. Carefully wipe off any dirt or salt mineral deposits built up on the outside, taking special care around the transparent section with a damp cloth. This should be repeated once a month to ensure the light output is not impacted.

## RESET

If the Aqua Smart Bluetooth needs to be reset and its memory wiped, follow these steps:

1. Ensure the power supply (7) and cable connector (9) are plugged in and powered up to the Aqua Smart unit.

2. Next when safe to do so unplug the cable connector (9) to the power supply (7) (keep power supply on).

3. Wait 30 seconds.

4. Reconnect cable connector (9) to the power supply (7).

5. The Aqua Smart LED Bluetooth is reset and ready to be setup again.

## SPARES

| Code | Product | Replacement Transformer |
|------|---------|------------------------|
| 3572 | Aqua Smart Bluetooth 13.5w 38-59cm | Spare Code: 3578 |
| 3573 | Aqua Smart Bluetooth 24w 59-80cm | Spare Code: 3579 |
| 3574 | Aqua Smart Bluetooth 27.5w 80-101cm | |
| 3575 | Aqua Smart Bluetooth 33w 101-122cm | Spares Code: 3580 |
| 3576 | Aqua Smart Bluetooth 37w 122-143cm | |
| | Aqua Smart Fittings Set | Spares Code: 3583 |

**Guarantee**

This product is guaranteed against defects in material and workmanship for 3 years from the date of purchase, under normal usage.

The GUARANTEE DOES NOT APPLY in case of improper use, negligence, lack of maintenance or accidental damage. If the LED fails due to a manufacturing fault within this period it will either be replaced free of charge or repaired. Liability is limited to replacement of the faulty product only no other costs will be reimbursed. This guarantee is not transferable and does not affect your statutory rights. This guarantee does not confer any rights other than those expressly set out above.

This unit is for indoor use only – do not use outside.

• Disconnect supply before conducting luminaire maintenance.

• When controlling the Aqua Smart LED via the App, ensure your phone or tablet and LED are no more than 3 meters apart.

• Do not use this unit if the cable or transformer plug are damaged or appear to be malfunctioning. The cable or the flexible cord of this luminaire cannot be replaced, if the cable is damaged, the luminaire must be destroyed. Connector must not be positioned in or on aquarium lid.

• Do not use this unit if the transformer plug gets wet.

• Dispose of responsibly following instructions from your local authority.

• The Aqua Smart LED shall only be replaced by the manufacturer or similar qualified person.

You can help protect the environment. Please remember to respect the local regulations:
hand in non-working electrical equipment to an appropriate waste disposal centre.

**Consumer Advice contact details:**
Interpet Ltd. Consumer Advice Department,
Vincent Lane, Dorking, Surrey RH4 3YX
**E-mail:** customercare@interpet.co.uk

Interpet Europe Limited, 22 Northumberland Road,
Ballsbridge, Dublin 4, Ireland, D04 ED73

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