# LIGHT REPLACEMENT
# MADE EASY

**Pool & Spa Light**
Replacement Guide

# iRIS Wi-Fi
## LIGHTING CONTROLLER
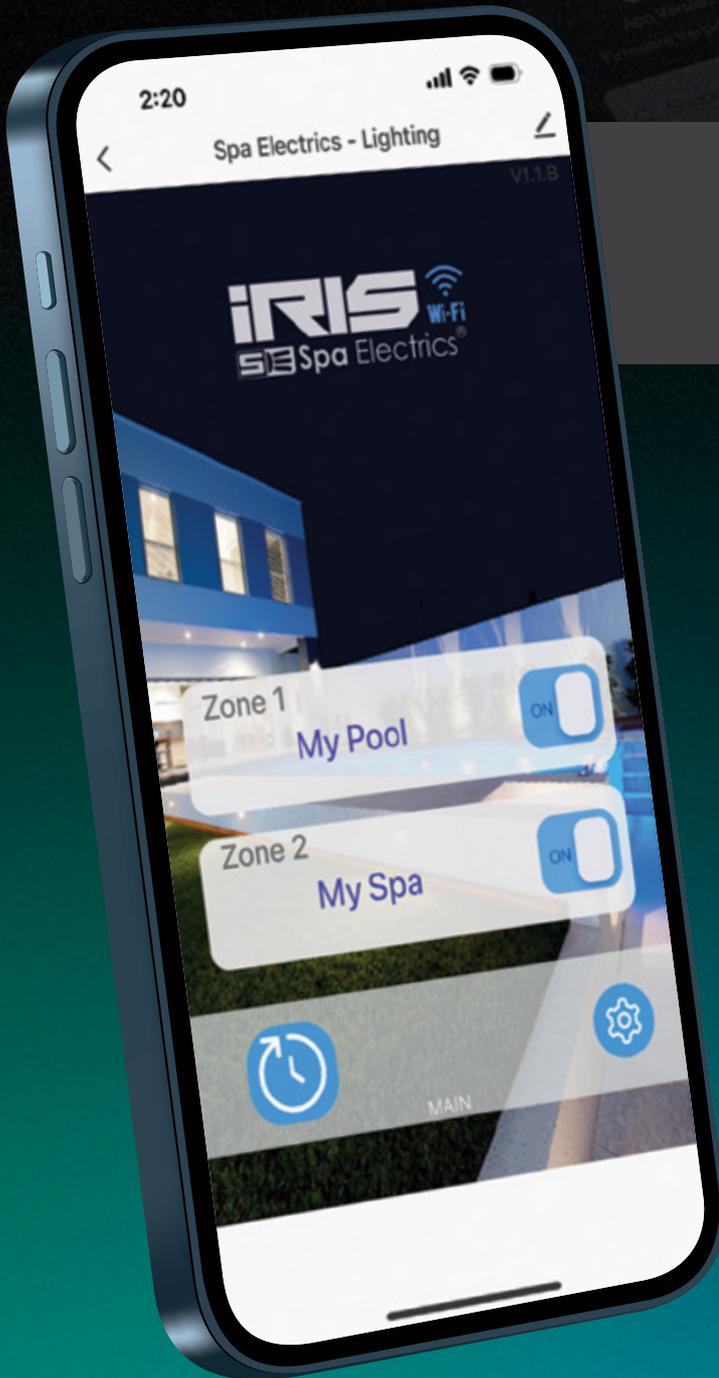
# RM-WF

### PLUG & PLAY INSTALLATION
Simply plug your Spa Electrics transformer into the base of the iRIS Wi-Fi receiver and download the app to take control of your lighting system.

### IMPROVED FEATURES
Select from a spectrum of colours, adjust the speed of colour shows, and control the LED brightness to create the perfect ambience.

### SET & FORGET SCHEDULING
Experience the convenience of fully customisable schedules, allowing you to automate your lighting to suit any occasion.

### SUITABLE FOR NEW & EXISTING POOLS
No need to replace existing cables or transformers - Simply install a MULTIPLUS light and iRIS Wi-Fi controller to your existing pool light system.

## A WORLD OF COLOUR AT YOUR FINGERTIPS

**iRIS Wi-Fi** is designed for use with Spa Electrics **MULTIPLUS** LEDs and requires the purchase of RM-WF hardware to function. See page 6 for functions & compatibility.

*Smartphone not included.

## SCAN FOR MANUALS & GUIDES

# PRODUCT OVERVIEW

# PRODUCT OVERVIEW

Spa Electrics' award-winning range of Retro-Fit LED pool lights takes the hassle out of replacing your existing pool lights.

With over 48 years of industry experience and technical innovation, we are proud to be **Australia's Underwater Lighting Specialists**. We are committed to delivering premium products, backed by our exceptional service.

**TRANSFORM YOUR POOL WITH STUNNING LED COLOUR IN AS LITTLE AS 15 MINUTES**

Designed for straightforward, no-fuss installation, the Spa Electrics Retro range caters to surface mounted and recessed lights with only a few instances requiring additional parts & adaptors.

Spa Electrics' signature MULTIPLUS LED is also compatible with major brand pool controllers, ensuring seamless integration into your existing setup.

Simply find your existing lights within this guide to identify the correct replacement, install and enjoy!

| PRODUCT OPTIONS | | | | |
|---|---|---|---|---|
| RIM Colour | Code | | LED Colour | Code |
| CLEAR | C | ◯ | MULTIPLUS | MP |
| WHITE | W | ◯ | TRI-Colour | TR |
| BLACK | B | ● | Blue | BL |
| GREY | G | ◉ | 4000k White | W4 |

## ARGON

### AGRX SERIES

| Type | LED Option | Part Number | Rim Colours |
|---|---|---|---|
| STANDARD NICHE | MULTIPLUS | AGRX L12 R1 CMP | C / W / G |
| MINI NICHE | MULTIPLUS | AGRX L12 R2 CMP | C* |

*White & Grey Rims sold separately.

## atom

### EMRX SERIES

| Type | LED Option | Part Number | Rim Colours |
|---|---|---|---|
| MINI NICHE | MULTIPLUS | EMRX L12 R1 CMP | C |
| MINI NICHE | BLUE | EMRX L12 R1 CBL | C |
| MINI NICHE | 4000K WHITE | EMRX L12 R1 CW4 | C |

**AGRX R1 (STANDARD NICHE)**

191mm — 17.4mm

**AGRX R2 (MINI NICHE)**

146mm — 36mm

**EMRX**

120mm — 26mm
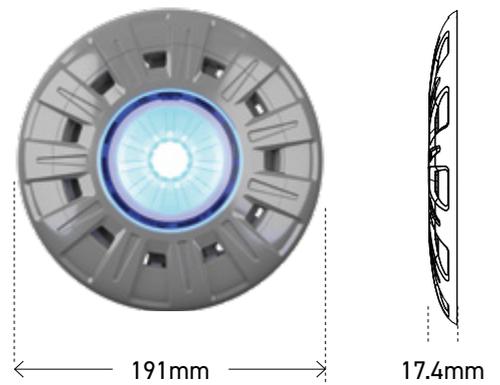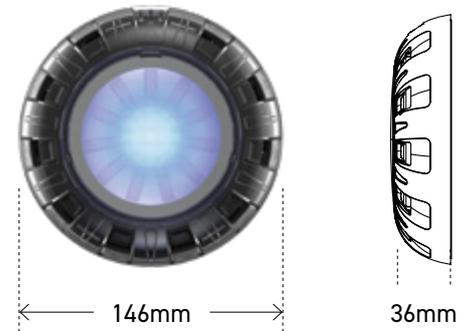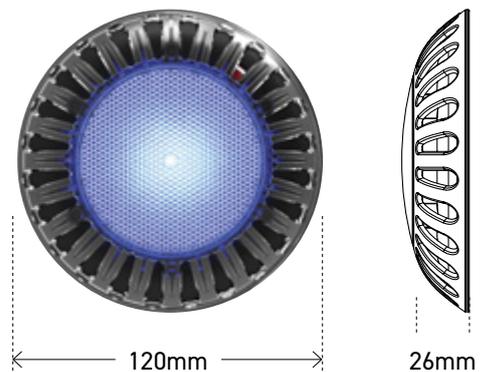
# PRODUCT OVERVIEW (CONTINUED)

## QUANTUM

WNRX

### WNRX SERIES

| Type | LED Option | Part Number | Rim Colours |
|---|---|---|---|
| STANDARD NICHE | MULTIPLUS | WNRX L12 R1 CMP | C / W / B / G |
| STANDARD NICHE | BLUE | WNRX L12 R1 CBL | C / W / B / G |
| STANDARD NICHE | 4000K WHITE | WNRX L12 R1 CW4 | C / W / B / G |

*Stainless Steel Dress ring also available

160mm    17mm

## photon
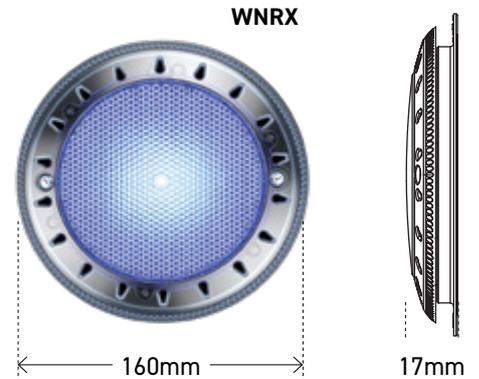
GKRX

### GKRX SERIES

| Type | LED Option | Part Number | Rim Colours |
|---|---|---|---|
| SURFACE MOUNT | MULTIPLUS | GKRX LMV R1 WMP | W / B / G |
| SURFACE MOUNT | TRI COLOUR | GKRX LMV R1 WTR | W / B / G |
| SURFACE MOUNT | BLUE | GKRX LMV R1 WBL | W / B / G |
| SURFACE MOUNT | 4000K WHITE | GKRX LMV R1 WW4 | W / B / G |

250mm    70mm

# IMPORTANT NOTES

### FIBREGLASS/VINYL INSTALLATIONS

Please note, for Fibreglass and Vinyl pools there are often additional steps which may include lowering the water level. Where mounting screws are used, you must lower the water level and use Neutral Curing Silcone applied to screws and in the holes to ensure it remains water tight. Special care must be taken not to remove brackets or cable glands that would compromise the pool shell/vinyl liner. Please contact Spa Electrics for detailed instructions before installing your light.

### TRANSFORMERS

All* Spa Electrics Retro Fit lights require a 12V AC iron core transformer.
Please check your set up prior to installing and replace transformers where necessary.

*GKRX is a multi voltage light and can function between 12-32V (AC Only)

### CABLE

If the existing cable is not long enough to bring the light to the pool deck for servicing, or larger than 1.0mm$^2$ a Spa Electrics CABLE JOINER 387 and a short length of 0.5-1.0mm$^2$ cable can be used.

Where a CABLE JOINER will not fit, cable can be extended using a resin cable joint.

# LED COLOUR GUIDE

**BRILLIANT RGB+W TRUE WHITE LED**

## MULTIPLUS

Spa Electrics' signature **MULTIPLUS** LED represents the latest in Retro-Fit multi-colour lighting. **MULTIPLUS** provides clean, white illumination and stunning, bright colours by incorporating a 4000k True White LED.

Featuring seven brilliant colours and four stunning transitions, **MULTIPLUS** is availabile across our entire Retro-fit lighting range. **MULTIPLUS** lights can be operated with a standard wall switch, or with the iRIS lighting control systems.

With 9 built in operating modes, **MULTIPLUS** can also integrate seamlessly with major pool automation systems.

For more information contact Spa Electrics or visit **www.spaelectrics.com.au**

### INCLUDED COLOURS:

1. White
2. Aqua
3. Blue
4. Magenta
5. Red
6. Lime
7. Green
8. Oceanic Views
9. Transcendence
10. Outback Australia
11. Spring Equinox

## SINGLE colour

Experience intense illumination with your choice of 2 beautiful colours to compliment your pool or spa.

Available in Blue or 4000K True White, the Spa Electrics Single Colour range is an elegant and uncomplicated lighting solution.

## TRI colour

For those who love a splash of colour, the TRI Colour LED features a 4000K True White, Blue and Green.

Available only in the GKRX model, the TRI colour LED combines simplicity and flexibility, ensuring your favourite colour is available at the flick of a switch.

## REMOTES

iRIS lighting controllers are purpose built for Spa Electrics LED Pool & Spa Lights, placing colour control in the palm of your hand.

Suitable for new and existing pools, simply select the product to match your lights and take control!

**www.spaelectrics.com.au/iris-lighting-controllers**

| | RM-WF | RM-3 | RM-2 |
|---|---|---|---|
| **LED Compatibility** | MULTIPLUS | MULTIPLUS | All |
| **Mobile App** | ✓ | ✗ | ✗ |
| **Handset** | ✗ | ✓ | ✓ |
| **Signal** | Wi-Fi | RF | RF |
| **Colour Selection** | ✓ | ✓ | ✗ |
| **Brightness Control** | ✓ | ✓ | ✗ |
| **Speed Control** | ✓ | ✗ | ✗ |
| **Schedules** | ✓ | ✗ | ✗ |
| **Channels/Zones** | 2 | 2 | 2 |
| **Additional GPO** | ✓ | ✓ | ✓ |
| **Batteries** | - | 2x AAA | 2x AAA |

# REMOTES

## iRIS LIGHTING CONTROLLERS

Spa Electrics' range of lighting controllers offers you a world of colour at your fingertips. With the elegant, purpose-built iRIS touch screen remote or your smartphone*, you can effortlessly control your pool lights, adjusting colours and brightness, and managing both pool and spa lights independently—all without leaving your seat.

### KEY

- PLUG & PLAY INSTALLATION
- COLOUR & BRIGHTNESS CONTROL
- LONG RANGE RF
- SET & FORGET SCHEDULING
- POOL & SPA CHANNEL SELECTION
- SPEED CONTROL

### iRIS Wi-Fi LIGHTING CONTROLLER

#### RM-WF - iRIS Wi-Fi

The NEW iRIS Wi-Fi controller brings colour control to the next level with new and improved features accessible direct from your smartphone. With iRIS Wi-Fi, you can select from a spectrum of colours, adjust the speed of colour shows, and control the LED brightness to create the perfect ambience. Experience the convenience of fully customisable schedules, allowing you to automate your lighting to suit any occasion.

*Smart phone not included.

### iRIS LIGHTING CONTROLLER

#### RM-3 - iRIS REMOTE

The iRIS lighting controller allows you to take complete control of your pool lights through the elegant, purpose built iRIS touch screen remote. Change colours, adjust brightness and have independent control of your pool & spa lights, all at the touch of a button.

### RM2 2 CHANNEL REMOTE CONTROLLER

#### RM-2 - 2 CHANNEL REMOTE

Suitable for all Spa Electrics lights, this simple, yet stylish remote allows you to power & sync your lights with ease. Simply plug your Spa Electrics Transformer into the base of the RM-2 receiver and take instant control of your lighting system.

# GKRX

GKRX comes supplied with two mounting plates for Concrete (A) & Fibreglass (B) installations.
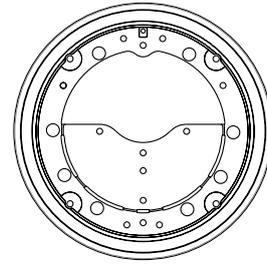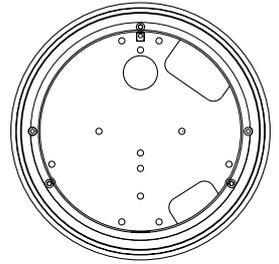
Plate A          Plate B

| | |
|---|---|
| **Brand** | Aquaquip |
| **Model** | QC |

| | |
|---|---|
| **Brand** | Aquatight |
| **Model** | Aquatight Super Nova |

| | |
|---|---|
| **Brand** | Astral |
| **Model** | SLX Surface Mount / Lumipower (Zodiac) |

| | |
|---|---|
| **Brand** | Austin/LASWIM |
| **Model** | Surface Mounted Model |

| | |
|---|---|
| **Brand** | Autumn Solar |
| **Model** | Oval |

| | |
|---|---|
| **Brand** | Autumn Solar |
| **Model** | Slim |

| | |
|---|---|
| **Brand** | Continental Water |
| **Model** | Varimode Surface Mount Light |

| | |
|---|---|
| **Brand** | Davey/Bellson |
| **Model** | PAL 4000 |

| | |
|---|---|
| **Brand** | Davey/Monarch |
| **Model** | Stroud Compact 150 |

# GKRX

Please contact Spa Electrics before purchasing.

| Brand | Davey/Monarch |
|-------|---------------|
| Model | Stroud SM400 Requires GK6710 Adaptor |



| Brand | Dega |
|-------|------|
| Model | Slimline |



| Brand | Emaux |
|-------|-------|
| Model | Quartz Series |



| Brand | Emaux |
|-------|-------|
| Model | E-LUMEN |



| Brand | Emitto |
|-------|--------|
| Model | Surface Mounted Model |



Please contact Spa Electrics before purchasing.

| Brand | Filtrite |
|-------|----------|
| Model | PAR56 |



| Brand | Magic Pool Products |
|-------|---------------------|
| Model | Magic Pool Light |



| Brand | Neptune Pool Lighting |
|-------|-----------------------|
| Model | Retrofit/Surface Mount |



Please contact Spa Electrics before purchasing.

| Brand | Onga |
|-------|------|
| Model | Delite (aka DEGA Delite) |

# GKRX

GKRX comes supplied with two mounting plates for Concrete (A) & Fibreglass (B) installations.
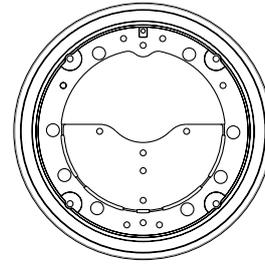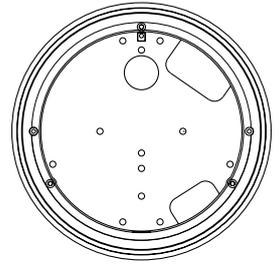
**Plate A**          **Plate B**

Please contact Spa Electrics before purchasing.

| Brand | Poolrite |
|-------|----------|
| Model | Trimlite |

| Brand | Poolstore |
|-------|-----------|
| Model | Niche Light Model |

| Brand | Prisma LED |
|-------|------------|
| Model | PRI-POOL-XP-18W |

| Brand | Prisma LED |
|-------|------------|
| Model | PRI-UNI-SPA |

| Brand | Superlight |
|-------|------------|
| Model | SL3282, SL3284 Surface Mount Model |

| Brand | Superlight |
|-------|------------|
| Model | SL3255 18w Surface Mount Model |

| Brand | Swimworld |
|-------|-----------|
| Model | Swimworld Pool Light |

| Brand | Sunline/Rivendale |
|-------|-------------------|
| Model | Surface Mounted Model |

| Brand | Waterco |
|-------|---------|
| Model | Britestream Surface Mounted Model |
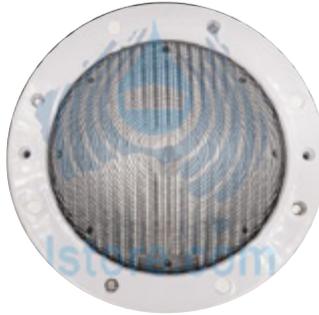
# GKRX

*If there is a suction point/intake behind the light, please contact Spa Electrics.

| Brand | Waterco |
|-------|---------|
| Model | Litestream Surface Mount |

| Brand | Water TechniX |
|-------|---------------|
| Model | Vivid LED |

| Brand | Spa Electrics |
|-------|---------------|
| Model | SE3 Halogen Model |

# IMPORTANT NOTES

## FIBREGLASS/VINYL INSTALLATIONS

Please note, for Fibreglass and Vinyl pools there are often additional steps which may include lowering the water level. Where mounting screws are used, you must lower the water level and use Neutral Curing Silcone applied to screws and in the holes to ensure it remains water tight. Special care must be taken not to remove brackets or cable glands that would compromise the pool shell/vinyl liner. Please contact Spa Electrics for detailed instructions before installing your light.

## TRANSFORMERS

All* Spa Electrics Retro Fit lights require a 12V AC iron core transformer.
Please check your set up prior to installing and replace transformers where necessary.

*GKRX is a multi voltage light and can function between 12-32V (AC Only)

## CABLE

If the existing cable is not long enough to bring the light to the pool deck for servicing, or larger than 1.0mm$^2$ a Spa Electrics CABLE JOINER 387 and a short length of 0.5-1.0mm$^2$ cable can be used.

Where a CABLE JOINER will not fit, cable can be extended using a resin cable joint.

# AGRX R1

SCREW LOCATION **D**
SCREW LOCATION **B**
SCREW LOCATION **A**
SCREW LOCATION **C**
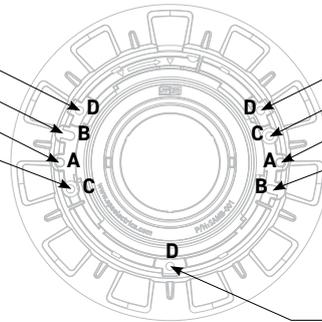
SCREW LOCATION **D**
SCREW LOCATION **C**
SCREW LOCATION **A**
SCREW LOCATION **B**

SCREW LOCATION **D**

| **Brand** | Aquaquip | **Model** | Aqua-Star |
|---|---|---|---|
| **Construction** | Fibreglass | **Screw Locations** | C-C |
| **Additional Parts** | AGRX 004R1 Fibreglass Only | | |

| **Brand** | Aquaquip | **Model** | EVO / EVO2 |
|---|---|---|---|
| **Construction** | Concrete | **Screw Locations** | C-C |
| **Additional Parts** | AGRX 004R1 Fibreglass Only | | |

| **Brand** | Aquaquip | **Model** | Evomax |
|---|---|---|---|
| **Construction** | Concrete | **Screw Locations** | C-C |
| **Additional Parts** | | | |

| **Brand** | Aquaquip | **Model** | Aurora |
|---|---|---|---|
| **Construction** | Concrete | **Screw Locations** | C-C |
| **Additional Parts** | AGRX 004R1 Fibreglass Only | | |

| **Brand** | Astral | **Model** | Arc/Delta |
|---|---|---|---|
| **Construction** | Concrete / Fibreglass | **Screw Locations** | D-D-D (Trim Screw Location A) |
| **Additional Parts** | AGRX 004R1 Fibreglass Only | | |

# AGRX R1

| Brand | Astral | Model | SLX |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | D-D-D (Trim Screw Location A) |
| Additional Parts | AGRX 004R1 Fibreglass Only | | |

| Brand | Autumn Solar | Model | Large Niche / Chameleon |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | N/A |
| Additional Parts | AGRX 002 + AGRX 004R1 | | |

| Brand | Spa Electrics | Model | WN150 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | B-B |
| Additional Parts | AGRX 004R1 Fibreglass Only | | |

| Brand | Sunline /Rivendale | Model | Niche Light |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | AGRX 001R1 | | |

| Brand | Waterco | Model | Britestream Slim 165 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | AGRX 002 + AGRX 004R1 | | |

# AGRX R2

Aquaquip EVO FG
Slot locations

SCREW LOCATION **C**

SCREW LOCATION **B**
SCREW LOCATION **A**

SCREW LOCATION **B**
SCREW LOCATION **A**

SCREW LOCATION **C**

SCREW LOCATION **C**
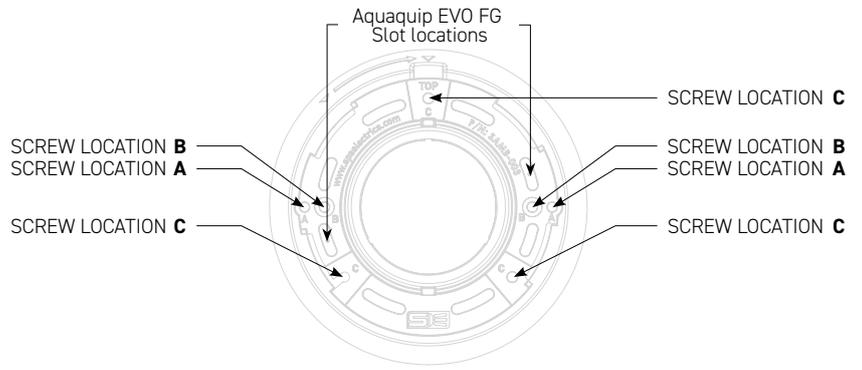
SCREW LOCATION **C**

| Brand | Aquaquip | Model | EVO-FG |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | See Manual |
| Additional Parts | | | |

| Brand | Astral | Model | Calidoray |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts | | |

| Brand | Astral | Model | FLX |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | C-C-C |
| Additional Parts | | | |

| Brand | Aqua De Light | Model | Niche Model |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | AGRX 002 | | |

| Brand | Autumn Solar | Model | Small Niche |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | AGRX 002 | | |

| Brand | Lumascape | Model | NERO NE1-3 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | B-B |
| Additional Parts | | | |
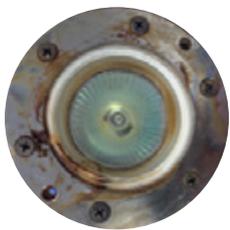
# AGRX R2

| Brand | Davey /Bellson | Model | PAL Evenglow Compact |
|---|---|---|---|
| Construction | Concrete | Screw Locations | A-A |
| Additional Parts | | | |

| Brand | Davey /Bellson | Model | PAL Evenglow Treo Max XL |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts | | |

| Brand | Davey /Bellson | Model | PAL Evenglow Fibreglass |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts | | |

| Brand | Davey /Bellson | Model | PAL 2000 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts | Alternative Replacement | EMRX, pg 16. |

| Brand | Waterco | Model | Britestream Slim 165 |
|---|---|---|---|
| Construction | Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts | | |

| Brand | Digilin | Model | Trident |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Screw Locations | N/A |
| Additional Parts | Use Supplied Parts (2x SCREW 1x8 & 2x RED WALL PLUGS) | | |

## EMRX

Cable Glands

BLUE    GREY    GREEN

X1    PAL ADAPTOR

X1    X1    X1

Niche Adaptors (O-Rings)

2mm    3mm    4mm

X2    X2    X2

X1

LANOLIN
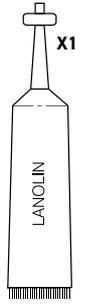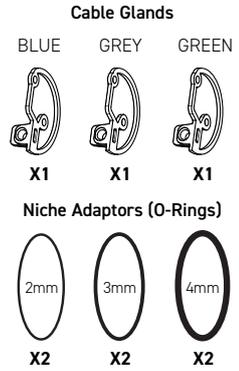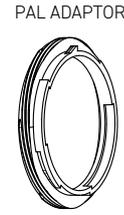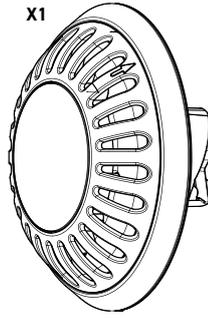
| Brand | Aquaquip | Model | Aurora Compact Niche |
|---|---|---|---|
| Construction | Concrete | Additional Parts | EMRX 10 C A |

| Brand | EMAUX | Model | Topaz |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | N/A |

| Brand | Davey | Model | SpaQuip LED |
|---|---|---|---|
| Construction | Fibreglass | Additional Parts | EMF 18 |

| Brand | Davey/Monarch | Model | MPL 3000 |
|---|---|---|---|
| Construction | Fibreglass | Additional Parts | EMRX 14 |

| Brand | Davey | Model | PAL 2000 / PAL TOUCH |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | Included |

*AGRX R2 is the recommended replacement, see pg15.

# EMRX

| Brand | Hunza | Model | Pool Lite |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | EMRX 14 |

| Brand | Hunza | Model | Pool Lite High Power |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | EMRX 14 |

| Brand | International Pool Products | Model | IPP Concrete |
|---|---|---|---|
| Construction | Concrete | Additional Parts | EMRX 18 |

| Brand | International Pool Products | Model | IPP Fibreglass |
|---|---|---|---|
| Construction | Fibreglass | Additional Parts | EMRX 14 |

# WNRX

| Brand | Neptune | Model | Niche Mount |
|---|---|---|---|
| Construction | Concrete | Additional Parts | N/A |

| Brand | Waterco | Model | Britestream Niche 165 |
|---|---|---|---|
| Construction | Concrete | Additional Parts | N/A |

| Brand | Spa Electrics | Model | WN850 / WN9 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | N/A |

| Brand | Spa Electrics | Model | WN250 |
|---|---|---|---|
| Construction | Concrete / Fibreglass | Additional Parts | N/A |

| Brand | Emaux | Model | Zircon |
|---|---|---|---|
| Construction | Concrete | Additional Parts | N/A |
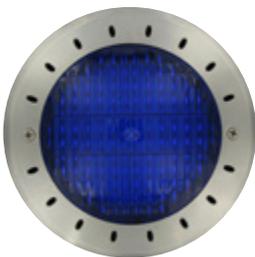
# ADAPTORS



*Skirt available in Clear, White & Grey

| Part No. | AGRX 001R1 |
|---|---|
| Description | AGRX R1 SUNLINE ADAPTOR KIT |



*Skirt available in Clear, White & Grey

| Part No. | AGRX 004R1 |
|---|---|
| Description | AGRX R1 FIBREGLASS SKIRT |



| Part No. | AGRX 002 |
|---|---|
| Description | AGRX R1/R2 FRICTION FIT ADAPTOR + O RINGS |



| Brand | EMRX 10 CA |
|---|---|
| Model | AQUASTAR ADAPTOR KIT |



| Brand | EMRX 18 |
|---|---|
| Model | EMRX TO IPP ADAPTOR KIT - TO SUIT CONCRETE INSTALLATIONS |



| Brand | EMRX 14 |
|---|---|
| Model | EMRX - MPL- 3000 MONARCH ADAPTOR KIT |



| Brand | EMF 18 |
|---|---|
| Model | ATOM FIBREGLASS NICHE REPLACEMENT KIT |



| Brand | GK6710 |
|---|---|
| Model | FILTRITE (PAR 56) ADAPTOR KIT |



| Brand | CABLE JOINER 387 |
|---|---|
| Model | INLINE PLUGGABLE CABLE JOINER - SUITS 5.5 - 12MM CABLES |

# TRANSFORMERS

### LV25-12 SINGLE LED TRANSFORMER

- 12v AC - 25 watt transformer
- Suitable for 1 x Spa Electrics LED light
- Long life Toroidal coil transformer
- Captive terminals for easy wire termination
- Replaceable 3A blade fuse
- Mounting rail for fast installation & side by side placement
- IP44 weatherproof rating
- 12 month manufacturer's warranty

### LV50-12 DUAL LED TRANSFORMER

- 12v AC - 50 watt transformer
- Suitable for 2 x Spa Electrics LED lights
- Weather protected auxiliary GPO
- Long life Toroidal coil transformer
- Captive terminals for easy wire termination
- 2 x Replaceable 3A blade fuses
- Mounting rail for fast installation & side by side placement
- IP44 weatherproof rating
- 12 month manufacturer's warranty

### LV100Q-12 QUAD LED TRANSFORMER

- 12v AC - 100 watt transformer
- Suitable for 4 x Spa Electrics LED light
- Weather protected auxiliary GPO
- Long life Toroidal coil transformer
- Captive terminals for easy wire termination
- 4 Independent outputs & replaceable fuses
- Mounting rail for fast installation & side by side placement
- IP44 weatherproof rating
- 12 month manufacturer's warranty

# CABLE INSTALLATION

## GLAND COLOUR CODES

As pool lights are produced with varying cable sizes, every Spa Electrics Retro Series light comes supplied with a range of cable glands in order to correctly seal the cable entry point of the light. Choosing the correct size cable gland is very important so care should be taken when selecting a gland to ensure you are providing the best water seal possible.

| **GREEN** | **BLUE** | **GREY** | **WHITE** | **RED** |
|---|---|---|---|---|
| CABLE DIAMETER 4.8mm - 5.8mm | CABLE DIAMETER 5.9mm - 6.5mm | CABLE DIAMETER 6.6mm - 7.3mm | CABLE DIAMETER 7.4mm - 8.0mm | CABLE DIAMETER 9.0mm - 9.8mm |

| **YELLOW** | **RED** | **BLUE** |
|---|---|---|
| CABLE DIAMETER 6.2mm (0.5-0.75mm$^2$ copper core) | CABLE DIAMETER 7.6mm (1-2.5mm$^2$ copper core) | CABLE DIAMETER 10.5mm (4mm$^2$ copper core) |

## CABLE FITMENT GUIDE

| **CABLE TOO SMALL** | **CABLE TOO LARGE** | **CORRECT** |
|---|---|---|
| GAP BETWEEN CABLE & GLAND ✗ | GLAND BULGING ✗ | FIRM FITMENT WITH NO BULGING ✓ |

## CABLE STRIPPING GUIDE

**GK/EM CABLE DETAIL**

22mm   8mm

13mm   8mm

**WN CABLE DETAIL**

8mm   7mm

**AG CABLE DETAIL**

17mm   7mm
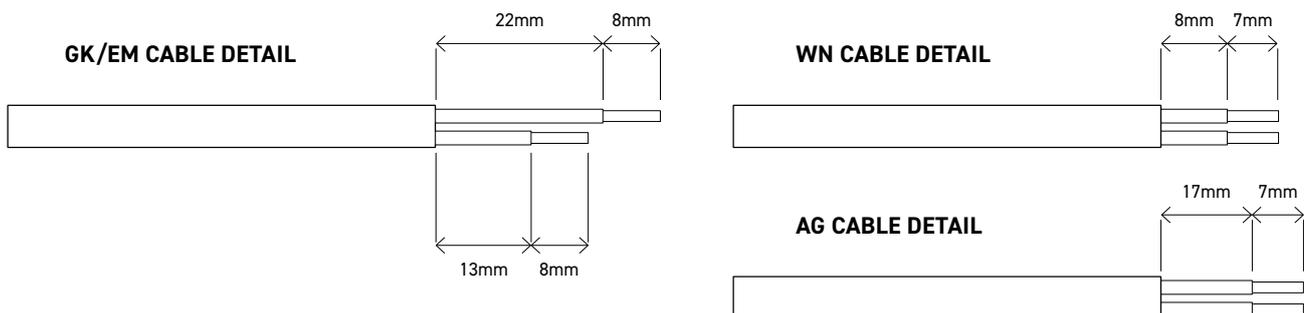
# MULTIPLUS OPERATION

## OVERVIEW

The MULTIPLUS LED can operate either via an iRIS Controller or simply from your standard wall switch. By default, the MULTIPLUS light will come programmed for wall switch operation so no additional setup is required to operate in this mode. To operate the MULTIPLUS light via a wall switch, please follow the below steps.

## OPERATING INSTRUCTIONS

1. To change the colour of the light, simply turn your light **OFF** for **2 seconds** and then turn it back **ON**. This will signal the light to proceed to the next colour in sequence. To select a desired colour, simply step through the colours until you find your desired selection.

2. Your lights will automatically save your selected colour once the power has been turned **OFF** for more than 1 minute. So the next time the lights are used, they will illuminate on the last colour operated.

3. To reset or '**synchronise**' your lights; with the power turned **ON**, turn the power **OFF**/**ON** once rapidly. This will RESET your lights to **WHITE**.

**Colours available are:**

1. White
2. Aqua
3. Blue
4. Magenta
5. Red
6. Lime
7. Green
8. Oceanic Views
9. Transcendence
10. Outback Australia
11. Spring Equinox

## SYNCHRONISED INSTALLATION

When installing multiple lights, to ensure synchronisation and ease of operation, our pool light transformers can be daisy chained to operate from a single switch.

**iRIS Lighting Controllers**

For operation via remote control or mobile app, a Spa Electrics iRIS Lighting Controller can be easily fitted to any MULTIPLUS system.

For more information visit:

**https://www.spaelectrics.com.au/iris-lighting-controllers**



TO G.P.O.

50VA TRANSFORMER

CONTINUE DAISY-CHAIN UP TO 10A (MAX)

50VA TRANSFORMER

POOL LIGHT          POOL LIGHT          POOL LIGHT
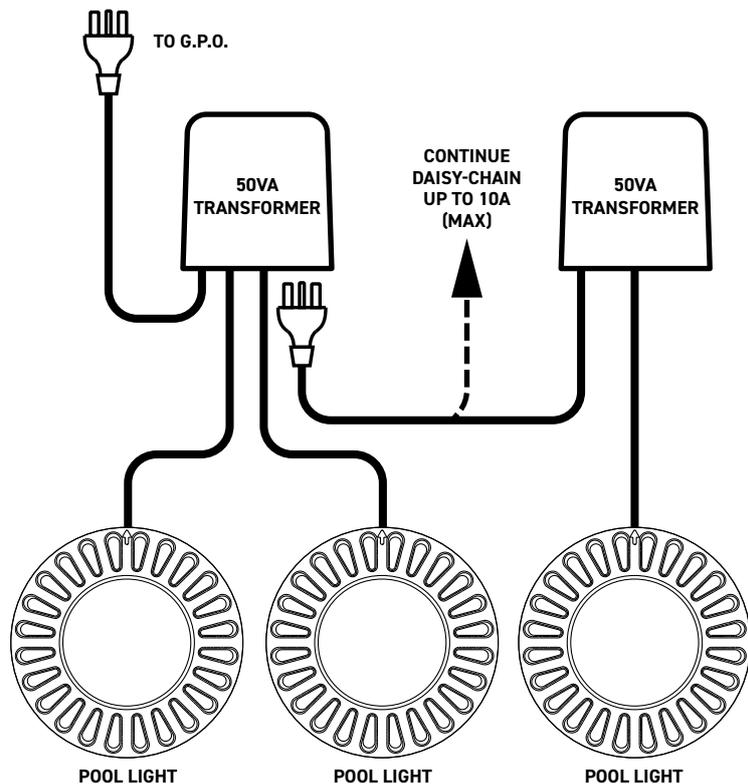
# MULTIPLUS COMPATIBLE CONTROLLERS

## MULTIPLUS OPERATING MODES

The MULTIPLUS light has 9 inbuilt modes of operation to allow operation on a variety of different control systems.

1. RED – Standalone Mode / Wall Switchmode
2. GREEN – Spa Electrics iRIS Mode
3. MAGENTA – Connect 10/SLX Mode
4. WHITE – Intellibrite Mode
5. BLUE – Spa Electrics Legacy Mode - RGB Multi
6. YELLOW – Hayward Mode
7. PINK – P-TYPE Mode (legacy)
8. AQUA – Jandy Mode
9. ORANGE – Hayward Omni-Direct Mode

## CONTROLLERS / AUTOMATION SYSTEMS

| AUTOMATION SYSTEM INSTALLED | SELECT LIGHT MODEL | LIGHT SETUP COLOUR |
|---|---|---|
| Spa Electrics iRIS | iRIS Mode | GREEN |
| Dontek Aquatek | iRIS Mode | GREEN |
| Theralux Pool + Manager | iRIS Mode | GREEN |
| Astral Connect 10 (2016 to current) | SLX Light | MAGENTA |
| Astral Connect Lite/+ | SLX Light | MAGENTA |
| Astral Halo Lite 2/4 | Halo Hub | SLX Light | MAGENTA |
| Pentair EasyTouch | Intellibrite Light | WHITE |
| Pentair IntelliTouch | Intellibrite Light | WHITE |
| Pentair IntelliCentre | Intellibrite Light | WHITE |
| Hayward Omnilogic | Universal Colourlogic | YELLOW |
| Jandy Aqualink RS/Z4 (F/W Rev. 'R'-Current) | Jandy LED | AQUA |
| Zodiac Aqualink TRI / M8 | Jandy LED | AQUA |
| Hayward OmniDirect/OmniHUB/OmniPL | OmniDirect Mode | ORANGE |

## CHLORINATORS

| AUTOMATION SYSTEM INSTALLED | SELECT LIGHT MODEL | LIGHT SETUP COLOUR |
|---|---|---|
| INSNRG Vi Chlorinator | iRIS Mode | GREEN |
| Astral Halo Chlor | SLX Light | MAGENTA |
| Astral Viron EQ Chlorinator | SLX Light | MAGENTA |
| Zodiac eXO iQ Chlorinator | Jandy LED | AQUA |

*Astral / Dontek / INSNRG can also be used in Spa Electrics Legacy (RGB) mode.
**Halo Chlor output is DC – do not install Spa Electrics retro light directly into this unit.

# MULTIPLUS ADVANCED OPERATION

## SELECTING MODE OF OPERATION

The MULTIPLUS light has 9 inbuilt modes of operation to allow operation on a variety of different control systems. When you first install your MULTIPLUS light it will operate in the default, stand alone mode. In order to connect the light to a third party pool controller OR change to a different operating mode please follow the below steps.

### STEP 1

If connecting to a pool automation system, please ensure the system is fully installed and you have completed all the relevant steps in the controller setup menu to operate the lights correctly. For more information on this please refer to the pool controller installation manual.

### STEP 2

**Ensure system has been off for 1 minute prior.**

TURN LIGHTS **ON**                    TURN LIGHTS **OFF**                    TURN LIGHTS **ON**

WAIT **1** SECOND          WAIT **12** SECONDS          REPEAT
                           (min 10s – max 15s)          **x 3**

NOTE: This step can either be performed via a wall switch OR via the controller panel/Mobile App.

If installing MULTIPLUS lights with an iRIS Lighting Controller, please see iRIS installation guides.

# MULTIPLUS ADVANCED OPERATION

**STEP 3**

After 3 ON/OFF cycles the lights will FLASH RED. This is MODE 1 (Standalone mode).
Turn the lights OFF/ON to progress to the next operating mode.

- 🔴 1. RED – Standalone / Wall-Switch Mode
- 🟢 2. GREEN – Spa Electrics iRIS Mode
- 🟣 3. MAGENTA – Connect 10/SLX Mode
- ⚪ 4. WHITE – Intellibrite Mode
- 🔵 5. BLUE – Spa Electrics Legacy Mode - RGB Multi
- 🟡 6. YELLOW – Hayward Mode
- 🌸 7. PINK – P-TYPE Mode (legacy)
- 🔵 8. AQUA – Jandy Mode
- 🟠 9. ORANGE – Hayward Omni-Direct Mode

**STEP 4**

Once the desired operating mode is selected follow the steps to save the selection.

**IMPORTANT: You must wait at least 35 seconds prior to turning the system back on OR selection process will fail and setup will need to be restarted.**

TURN LIGHTS **OFF**

WAIT **35** SECONDS

TURN LIGHTS **ON**
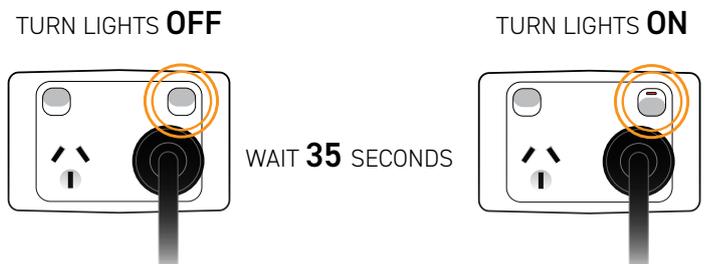
**STEP 5**

Your setup should now be complete. To confirm the system is working correctly, select a colour and check to ensure the correct colour is displayed.

For further assistance and troubleshooting, refer to manuals or contact Spa Electrics.

# iRIS Wi-Fi (RM-WF) INSTALLATION

## INSTALLATION

Plug the iRIS Controller into mains power supply.

Plug pool light transformer into outlet indicated POOL LIGHTS as per below diagram.

Plug spa light transformer into outlet indicated as SPA LIGHTS per diagram to the right.

**TO MAINS POWER SUPPLY** (G.P.O)

**SPA LIGHTS** MY SPA/ ZONE 2

**POOL LIGHTS** MY POOL/ ZONE 1
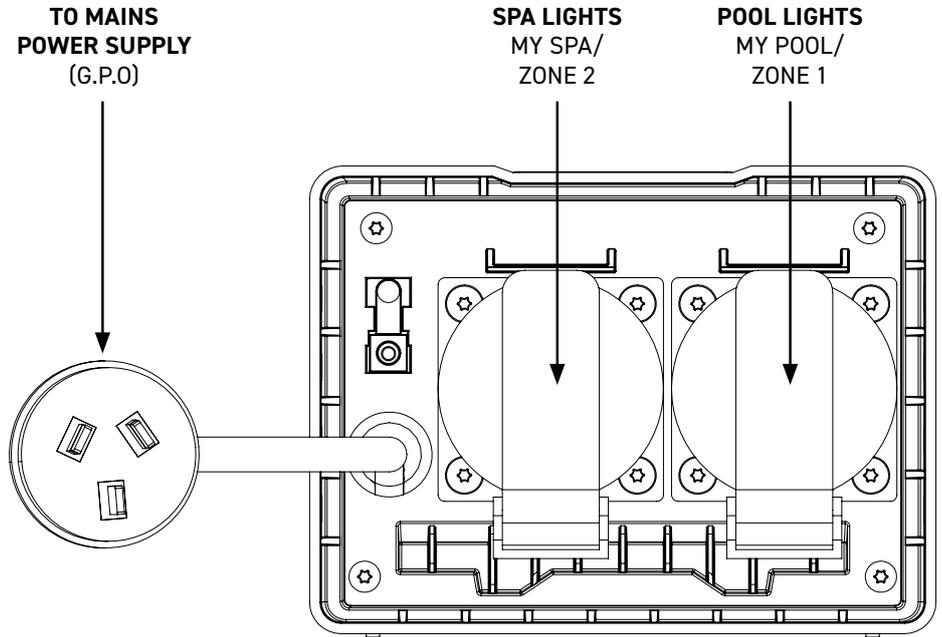


## STEP 1

Download the Smart Life – Smart Living App.

Create an account or 'Try as Guest'



## STEP 2

Ensure Bluetooth is enabled on your device.

Locate the Pairing Button on the bottom of the iRIS Controller.

Press and hold the pairing button for at least 5 seconds.

After holding for at least 5 seconds, release the button, the status light next to the pairing button should now be flashing.

**STATUS LIGHT**

**PAIRING/ RESET BUTTON**
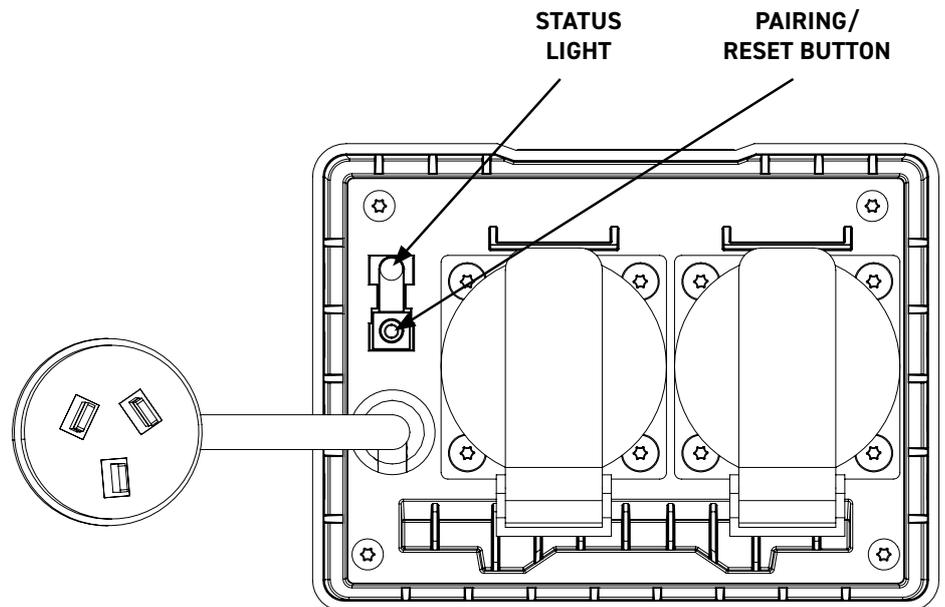
# iRIS Wi-Fi (RM-WF) INSTALLATION (CONTINUED)

**STEP 3**

1. In the app, tap the plus ⊕ button in the top right corner.

2. Tap "Add Device".

**STEP 4**

1. Select iRIS Wi-Fi or add manually (Fig 1a : Refer to manual)

2. Enter the Network ID and Password of the Wi-Fi network you want your iRIS Controller to connect to.

3. Tap "Next".'

4. Wait for the iRIS Controller to be added.

5. Once the iRIS controller has been added successfully, indicated by a green tick, Tap "Done".
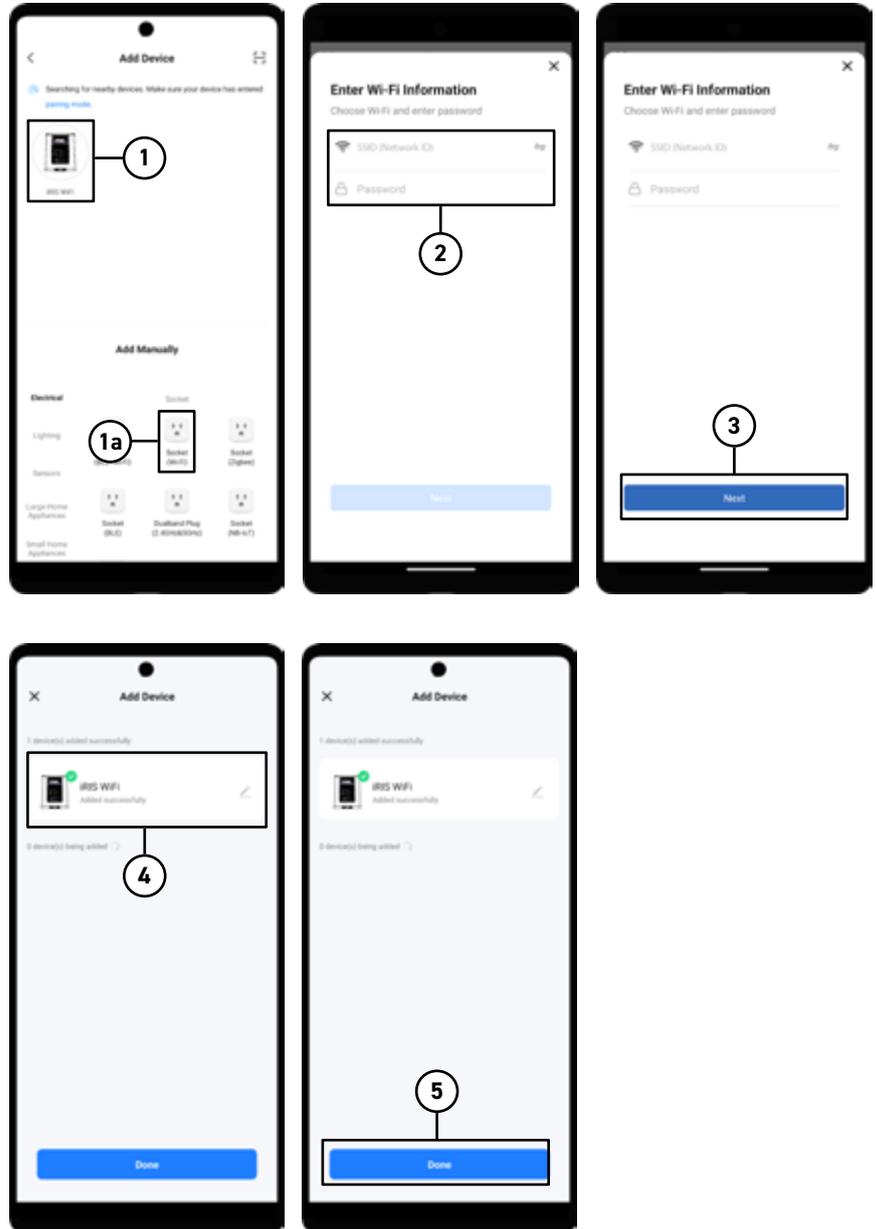
Note: If the colour selected in the app does not match the colour of the light, refer to MULTIPLUS SETUP in the iRIS Wi-Fi Manual and follow the steps to put the lights into iRIS Controller Mode.

For full user guide and trouble shooting, refer to iRIS Wi-Fi guides here:

https://www.spaelectrics.com.au/iris-wifi-guides-landing

# iRIS REMOTE (RM-3) INSTALLATION

## TRANSFORMER CONNECTION

1. Unplug pool/spa light transformers from the GPO/wall socket.

2. Plug pool transformer into the iRIS receiver socket marked 'POOL' and spa transformer or compatible product ancillary into socket marked 'SPA'.

3. Plug iRIS receiver into the GPO/wall socket.

For iRIS installation on existing pools with hardwired transformers. A qualified electrician will be required to disconnect the existing transformer from the mains supply and a plug top fitted to allow for a plugged connection to the iRIS lighting controller.

## iRIS QUICK SETUP

The iRIS lighting controller has a QUICK SETUP feature to programme the MULTIPLUS lights for iRIS operation.

**STEP 1:** Ensure the lights have been **OFF** for a minimum of **30 seconds**, then turn the system **ON** using the iRIS Handset.

**STEP 2:** Press the following static colours in order with a **1 second** pause between each press.

**2a. WHITE**

**2b. RED**

**2c. GREEN**

If performed correctly, the lights will illuminate **GREEN**. Confirm correct operation by selecting a different colour using the Remote Handset.

1. Turn lights ON

2a. Press WHITE

2b. Press RED

2c. Press GREEN

NOTE : If Quick Setup fails, refer to MULTIPLUS user manual for set up instructions.
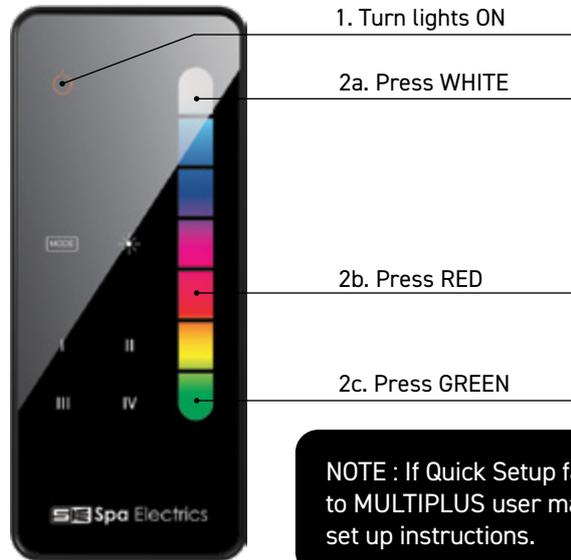
## REMOTE HANDSET OPERATION

Power button with LED indicator

7 static colours

Channel selection LED indicator colour
**Blue** – Pool & Spa
**Green** – Pool Only
**Red** – Spa Only

Brightness control

4 Multi-Colour modes
I   – Oceanic Views
Ii  – Transcendence
Iii – Outback Australia
Iv – Spring Equinox
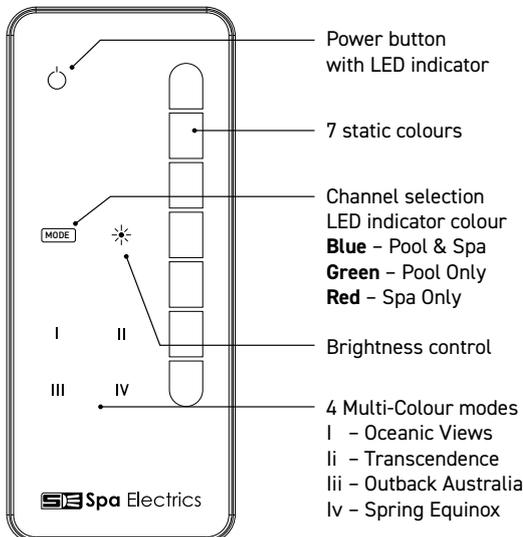
## HANDSET PAIRING

Your Remote Handset should come pre-assigned to your receiver. However if it is not paired or you would like to programme a second handset, please follow the below instructions:

**STEP 1:** Press the 'LEARN' button on the base of the receiver. The receiver will now switch to learning mode.

**STEP 2:** Within 8 seconds press 1 [one] of the buttons on the Remote Handset. The Remote Handset is now assigned to the receiver.

The receiver is capable of storing up to 2 Remote Handsets. To reset the receiver memory, press and hold the 'LEARN' button until the LED indicator light begins to flash indicating the memory has been erased. Once erased, complete steps 1 & 2 to programme the handsets.

# GUIDES & MANUALS

## ARGON
AGRX R1/R2

https://www.spaelectrics.com.au/agrx-guides-landing

## ATOM
EMRX

https://www.spaelectrics.com.au/emrx-guides-landing

## QUANTUM
WNRX

https://www.spaelectrics.com.au/wnrx-guides-landing

## PHOTON
GKRX

https://www.spaelectrics.com.au/gkrx-guides-landing

## IRIS WI-FI CONTROLLER
RM-WF

https://www.spaelectrics.com.au/iris-wifi-guides-landing

## IRIS REMOTE CONTROLLER
RM3/RM2

https://www.spaelectrics.com.au/rm3rm2-guides-landing

## MATRIX LED STRIP LIGHTING
LSL/LWB

https://www.spaelectrics.com.au/matrix-guides-landing

## MULTIPLUS SET UP VIDEOS
MULTIPLUS

https://www.spaelectrics.com.au/multi-plus-setup-videos

## PRODUCT CATALOGUE
BROCHURES

https://www.spaelectrics.com.au/brochures

## TECHNICAL ENQUIRIES
SUPPORT

https://www.spaelectrics.com.au/support

# NOTES

# NOTES

# COULDN'T FIND THE LIGHT YOU'RE LOOKING FOR?

## OUR TECHNICAL SUPPORT TEAM IS HERE TO HELP!

### STEP 1
Take photos of your existing lights & transformers

### STEP 2
Contact Spa Electrics for assistance!

**P**   03 9793 2299
**E**   tech@spaelectrics.com.au

**SCAN HERE**

### PROUDLY AUSTRALIAN MADE & OWNED
All our products are designed and produced in Australia and backed by Spa Electrics' industry leading customer care network.

For more information on our products please visit: www.spaelectrics.com.au

**AUSTRALIAN MADE®**

Spa Electrics®

spaelectrics.com.au