RGB RF Controller Installation Instructions

HAVIT Lighting

Product Specifications

Model No.	HV1494-REM
Name	Onder
Material	Plastic
Colour	White + Black
IP Rating	Remote - IP20 | Receiver - IP65
Input Voltage	Remote - 3v (CR2025 Battery) | Receiver - 12v DC
Protection Class	3 (Low Voltage - No Earth Required)
Max Load	3x 2A (72w)
Output Signal	2.4Ghz
Signal Range	Approx 10m
Colour Temp	RGB
Wiring	Parallel
Dimmable	Yes
Warranty	3 Years Replacement*

Functions Diagram

Press to turn on/off

Press to Cycle Through Colour Change Modes

Press to Decrease Speed of Colour Change Modes

Press to Increase Speed of Colour Change Modes

Press to Cycle Through Static Colours

Press and hold down to increase/ decrease light intensity of RGB channels

Press to Cycle Through Colour Change Modes

RF Wireless
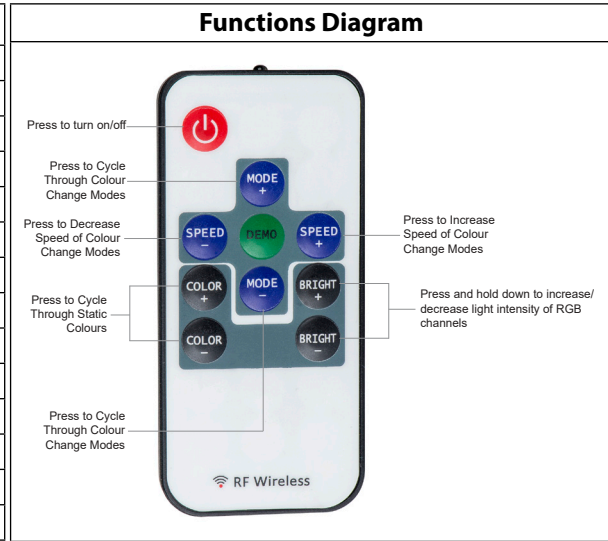
Important Safety Issues:

- This product must be installed by a qualified electrician according to AS/NZS 3000.
- Ensure all electrical mains are disconnected before any installation.
  Modification of this product will void any warranty.
- Havit Lighting does not take responsibility for wrong installation, incorrect use, or use of installation material that does not belong to the system.
- All electrical connections must be watertight, If a watertight connection is not done, Warranty will be voided.
- Electrical cannot be submersed under water, If connection is under water, Warranty wil be voided.
- When installing low voltage fittings, Voltage to fitting must be within +or- 5% of voltage required and cannot be installed more than 25m from LED Driver, if not within this allowance warranty will be voided.
- All 316 stainless steel fittings must have regular cleaning maintenance to avoid any tea staining from forming on fitting. (Warranty does not cover Tea Staining).
- All o-rings and seals must be in place correctly to maintain warranty.
- These instructions may be updated at any time due to product improvements, Please visit website for most current installation instructions.

Steps for Installation: Hardwired

1. Make sure that the electrical circuit is free of voltage (master switch off)
2. Place fitting in desired location
3. Connect the cable -
4. Use an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECT TO 240V
   - Cut the plug off Controller from the 5-12v Input side.
   - Connect the BLACK cable from controller to Negative cable from LED Driver
   - Connect the RED Cable from controller to Positive cable from LED Driver
5. Solder all joins using solder and either a heat gun or butane gas torch.
6. Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. Failure to do this will void warranty.
7. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
8. Connect the plug from the Controller into the plug from RGB Pond light (If using with HV1494RGB)
9. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

Steps for Installation: For use with HV2826-D-12W

1. Make sure that the electrical circuit is free of voltage (master switch off)
2. Place fitting in desired location
3. Plug in 12v DC Side of controller into LED Driver
4. Connect Other side of controller into RGB Pond Light. (If using with HV1494RGB)
5. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

Must be installed by a licensed electrician

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Warranty Terms & Conditions*

Additional Information