



**Hidro-F WIRELESS LIGHT CONTROL SYSTEM
FOR FOUNTAIN LIGHTS
USER MANUAL**

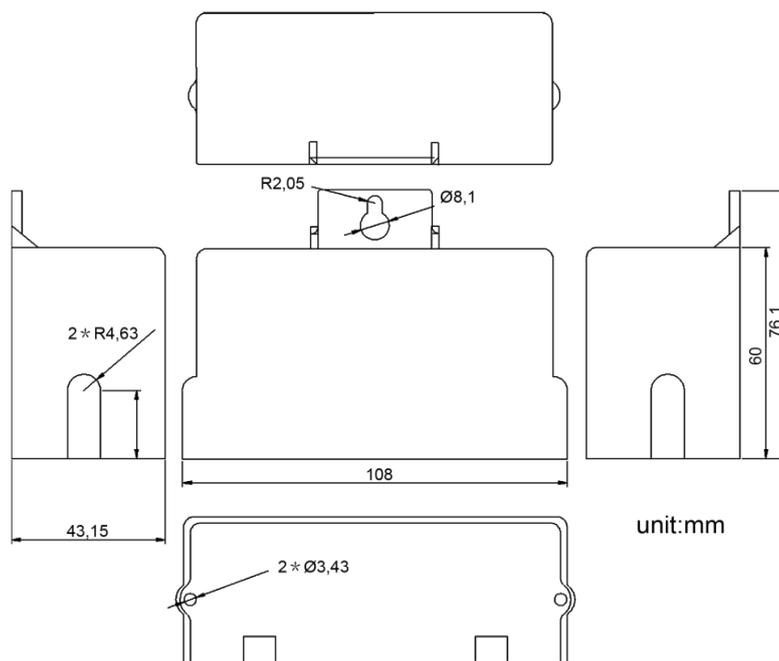
Summarization

Hidro-F waterproof controller adopts the advanced micro control unit, it is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, wall washer lamp, glass curtain wall light and so on; At the same time, it has many advantages such as convenient to connect, simplicity to use and others. According to actual need of customers, it can carry out jumpy changing, gradual changing, stroboflash and other effects of change.

Technical parameters

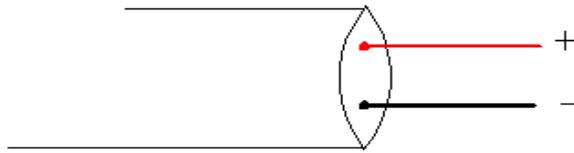
- Working temperature: -20-60 °C
- Supply voltage: DC5V, 12V-24V <optional> (for orders specify voltage)
- Output: 3 channels
- Connection mode: common anode
- Transmission/receiving frequency: 433MHz
- External dimension: L108 X W76 X H43 mm
- Packing size: L145 X W95 X H50mm
- Net weight: 140g
- Gross weight: 175g
- Static power consumption: <1 W
- Output current: <4A (each channel)
- Output power: 5 V: <60W, 12V: <144W, 24V: <288W

Controller External Dimension:



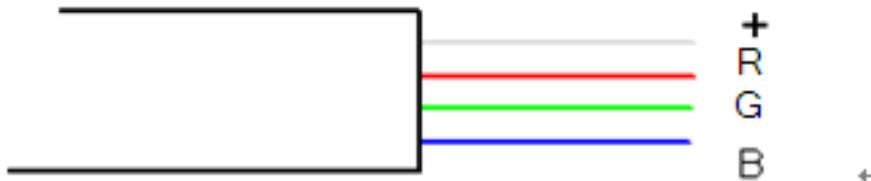
Interface Specifications

-Power input interface:



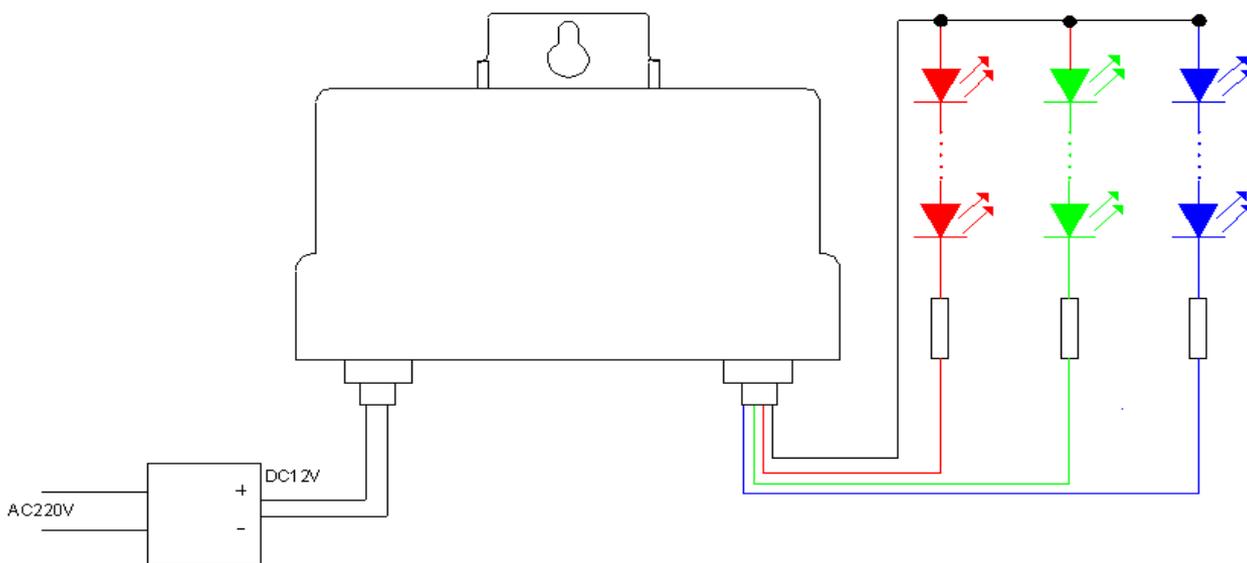
Adopt two sheathed wires as connecting wires,
red wire=>+, black wire=>-

-Load output interface:



Adopt four sheathed wires as connecting wires, meanwhile,
White wire=>+, Red wire=>R, Green wire=>G, Blue wire=>B

Typical Applications



Direction for use

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power;
2. Adopt RF for controlling, total 20 buttons, the function of each key is as follows:

| Button | Button Description | Remarks |
|---|------------------------------|--|
|  | ON/OFF | Turn on or turn off the output of controller |
|  | Play/Stop | Play or stop led changing, easy to observe led static effect |
|  | Brightness increase | the brightness series will add once you press it |
|  | Brightness decrease | The brightness series will reduce once you press it |
| RED | Static red | Brightness is adjustable, Speed is not adjustable. |
| GREEN | Static Green | |
| BLUE | Static Blue | |
| WHITE | Static white | |
| ORANGE | Static Orange | |
| YELLOW | Static Yellow | |
| CYAN | Static cyan | |
| PURPLE | Static purple | |
| AUTO | Automation | |
| JUMP3 | 3 Color step change | Speed and brightness are adjustable |
| FADE3 | 3 Color fade change | Speed is adjustable, brightness is not adjustable |
| SPEED+ | Speed increase | The speed will add once when you press it. |
| FLASH | Seven colors flash frequency | Speed and brightness are adjustable |
| JUMP7 | 7 Color step change | |
| FADE7 | 7 Color fade change | Speed is adjustable, brightness is not adjustable |
| SPEED- | Speed decrease | The speed series will reduce once when you press it |