

# Colorfountain Deluxe Hi Power

## operation manual



### Description:

Our 1 Watt fountain LED light together with our power supply box can make colorful and dynamic light scenery effects. It is widely applied to gardens, parks, fountain, swimming pools and ponds.

The IR remote (sold separately) can control the 1 watt fountain LED light, you must aim the controller at the front of the light and no more than 28 feet (8 meters) away.

Notice: IR remote can to control the fixture in any working mode.



### Specification:

- Specifications:
- Input power: DC 24V 0.66A
- Power consumption: 16 watt
- LEDs: 15 pieces 1 watt (Red 5, Green 5, Blue 5)
- Beam angle: 30 Degrees
- IR signal and DMX signal available
- External power supply (NOTE: 8 Fixtures can be hooked up to one power supply)
- Selectable built-in programs, dimming mode, auto run, DMX mode, M/S mode by IR remote
- IP Rated: IP 68
- Housing: One Stainless steel trim. Two Die-cast aluminum housing. Three 5mm Tempered glass
- Weight: 4.9lbs (2.2kgs)
- Dimension: 7.1x2.2x2.8 inches (18x5.4x7cm)

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### **Operation Modes:**

- Auto Run
- Select a Program mode
- Master/Slave mode
- Select Light Program mode
- DMX mode
- Set ADDR (DMX Address) mode
- Black Out Mode

### **Auto Run Mode:**

Press "Auto Run" to choose Auto run mode. Press FLASH to turn on/off the flash of the Auto Run, and then pressing "+" and "-" buttons to adjust flash speed. Press SPEED to control the speed of the auto run, and then pressing "+" and "-" button to adjust it.

### **Select Program Mode**

1. Press PROG to go in to se built-in program mode.
2. Press UP and Down to set built-in program (it is useful without pressing FLASH/SPEED).
3. Press button 1-7 to choose static color; Press 8 to select color jumping; Press 9 to select color-dreaming (fading) mode.
4. Press Flash to turn on/off flash and press "+" or "-" to adjust the flash speed. Press SPEED to set the program running speed (effective only in Pr.08 and pr.09) and press "+" or "-" to adjust it.
5. There are 16 grades of program operating speed and the initial state rate is the 4th grade.

### **Master/Slave Mode:**

Press SL to Display SLAV (Slave) mode. The R/G/B lights are off when they are not connected to a Master Fixture.

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### **Select Light Program Mode:**

Press R/G/B to choose program mode, and pressing "+" and "-" buttons to adjust the intensity of the light. Press Flash to turn on/off flash effect to in end this situation. Pressing "+" and "-" buttons to adjust the flash speed.

### **DMX Mode:**

Press D to display DMX mode. The R/G/B lights will flash 2 to 3 times. The lights will turn off when the DMX signal.

### **Set ADDR:**

Press the ADDR (short for Address) button to set the DMX address or initialize th program. Then the Red, Green and Blue LEDs will flash 2 to 3 Times. Then you will address each fixture with a 3 number address (example: 1 2 3). After the Red LED lights are on, put in the first number. After the first number is accessed the Green LED lights will be on. Then put in the second number. When the Blue LED lights come on, put in the third number. After all three numbers are put in, the Red Green and Blue LEDs will flash 2 to three times. This indicates that the DMX address is right and the fixture will go into DMX Mode automatically. If the address is wrong the Red lights will come on. New DMX address should be put in.

If the 951 are put in, Red and Green lights will be on Put "0" to initialize the program. If the wrong address is put in the red LED lights will be on, indicating new address should be put in. Then the system will run in the designed mode.

### **Black Out Mode:**

Press "Black Out" to set the LED lights power on or off by pressing.

Now you may connect the light via XLR connections to the power supply. Read the corresponding light in the manual to out about the DMX modes, value and straits.

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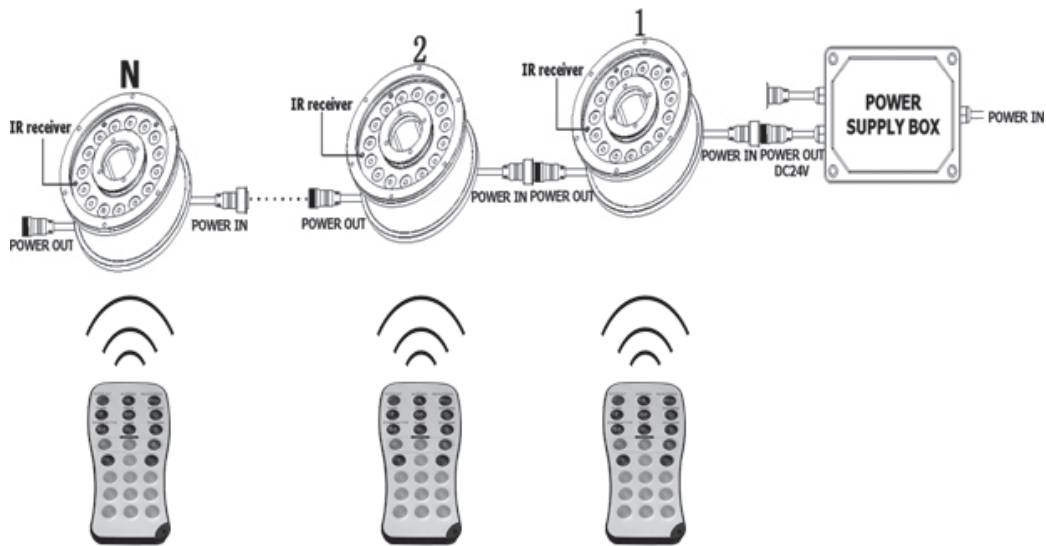
### Operation Modes:

Channel	Value	Function
1	0-255	Red 0%-100%
2	0-255	Green 0%-100%
3	0-255	Blue 0%-100%
4	0-255	Dimmer 0%-100%
5	0-255	Strobe 0-10 = Off 11-255 = Slow to Fast

### Connection Diagrams for 3 Typical Applications:

**Example Connection One:** All the lights are controlled individually by IR remote Notice:

1. The power supply box can be equipped in hidden area. Every power supply box can connect 8 lights at most.
2. The distance of the adjacent lights can be extended by 4 pin power cable.

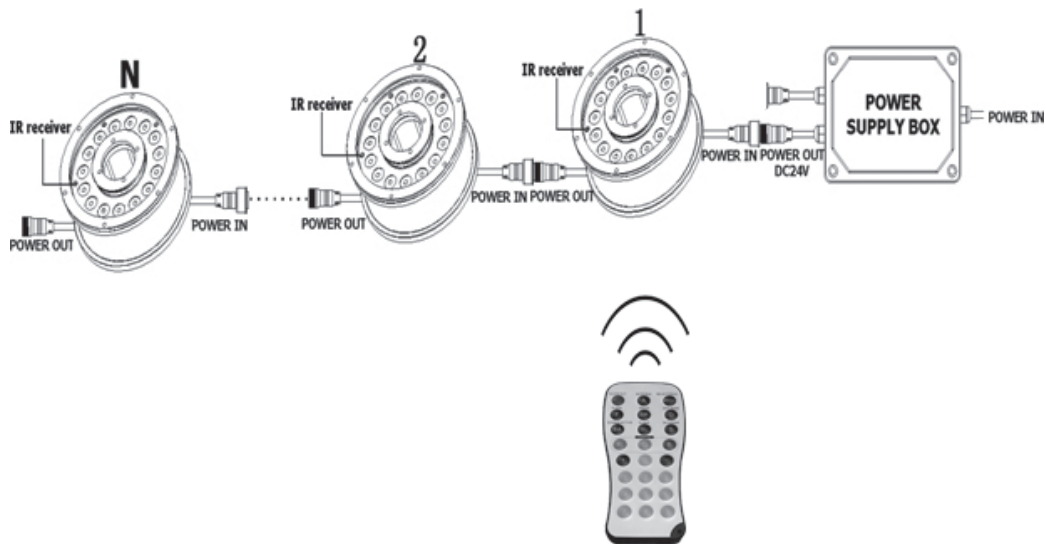


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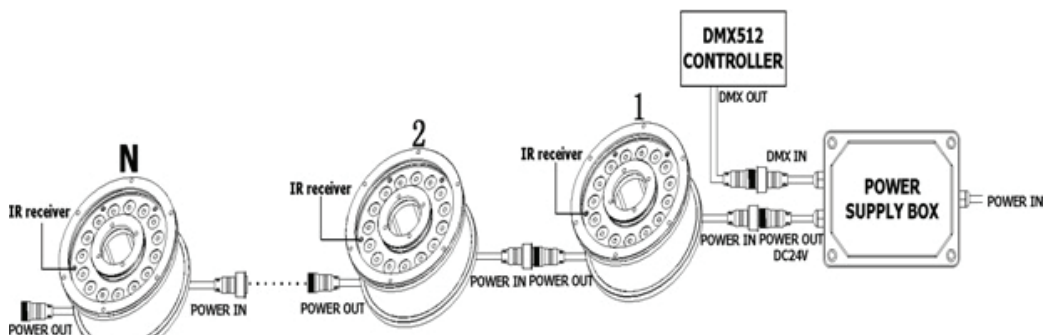
**Example Connection Two:** Master/Slave Connection. The first Light Fixture is set to the Master. The fixtures are set the Slaves:

1. The power supply box can be equipped in hidden area.
2. The distinct of the adjacent lights can be extended by 4 pin power cable.
3. The First Fixtures is set to the Master and following fixtures set to Slaves.



**Example Connection Three:** DMX512 Controller controls all Fixtures:

1. The power supply box can be equipped in hidden area.
2. The distinct of the adjacent lights can be extended by 4 pin power cable.
3. All the fixtures connected must be set in DMX Mode.



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The relationship between the lights and the length of the 4 pin extension power cable from each Power output of the power supply box to the terminal of the fixture.

The number of the lights each power output of the power supply box connects	The max length of the 4 pin extension power cable from each power output of the power supply box to the terminal light
1	95 Meters (311 Feet)
2	47 Meters (47 Feet)
3	32 Meters (105 Feet)
4	24 Meters (78 Feet)
5	19 Meters (62 Feet)
6	16 Meters (52 Feet)
7	14 Meters (45 Feet)
8	12 Meters (39 Feet)