



**DL75**  
User's Manual

## ***Introduction***

DL75 is a small wireless, battery powered LED fixture controlled by radio signal from up to +300 feet. The DL75 is packed with all the latest technology developed by ColorMaker. Powered by internal Ni-MH (Nickel Metal Hydride) battery the DL75 will operate for up to 7 hours as full intensity. The DL75 uses 81 super bright LED's to illuminate and is capable of generating 16 million colors featuring Enhanced ColorRoll Technology, Auto addressing and Auto shutdown.

### ***Charge Port:***

Input connector for NMCH100 charger.

### ***Power / Charge Switch:***

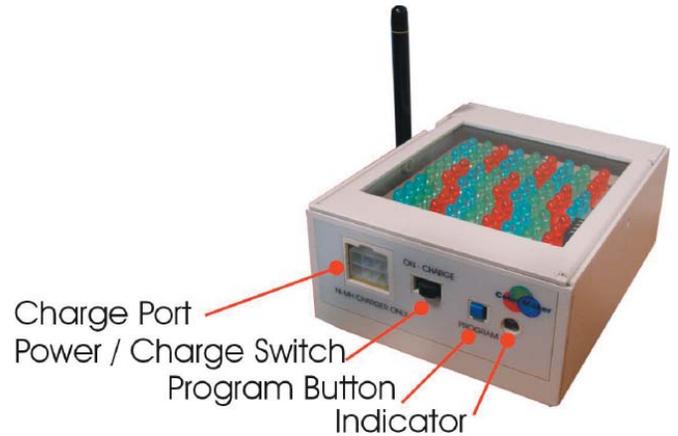
Switch used to set DL75 for Run or Charge mode.

### ***Program Button:***

Sets DL75 for Auto address mode. Enables and Disables ColorRoll feature.

### ***Indicator:***

Indicator LED for Auto Address Mode.



## **Auto Program**

The DL75 has an auto program feature that automatically sets the address using the remote. To activate auto address press and hold the program button until the indicator light turns yellow. Next using the remote select the channel and change one of the colors using the UP/DN buttons. The fixture will respond to the signal the automatically set the address. The auto addressing can be set as many times as needed. Turning off the fixture will not erase the address.

## **Enhanced ColorRoll**

The DL75 uses enhanced ColorRoll technology. The indicator light must be red to enable the ColorRoll. When ColorRoll is activated the Red dimmer controls the fade rate, Green controls the Follow Rate and Blue sets the fade or Flash mode. For more information on Enhanced ColorRoll technology visit [ColorMaker.net](http://ColorMaker.net).

## Ni-MH (Nickel Metal Hydride)

The DL75 is powered by Ni-MH (Nickel Metal Hydride) batteries and requires special care to ensure long life. Below are a few tips you will need to follow to get the most life from your batteries.

\* **Before you use the DL75 be sure its fully charged.**

\* **Charge at least every 3 months when not used.** Ni-MH has a 1% shelf discharge. This means they will loose there charge over time and require a charge to maintain a full charge.

\* **Fully discharge every 30 uses.** This will recondition the battery. Ni-MH do not have the memory problems found in NiCad but a recondition will promote long battery life.

\* **Remove from charger within 12 hours after fully charged.** This is a good practice to follow to be sure the charger does not fail and damage the battery.

### Charging battery

**Set the charger to 0.9 charge setting. This switch is located on the charger.**

To charge battery connect charger then turn DL75 to the ON position then to the Charge position. This will cycle the charger and. Once the RED indicator light is steady ON the fixture is being charged. The charge indicator turns green when the fixture is fully charged. Its a good practice to disconnect the charger after the battery is fully charged. The DL75 may get warm during charging this is normal for Ni-MH battery technology. The DL75 has an internal thermal protection device that will automatically stop charging of temperature exceeds maximum charge temperature. When charging keep the DL75 in open area to maximum air circulation. Don't stack or charge DL75 in transport cases.

### Auto shutdown

The DL75 has a built in Auto Shutdown device which will automatically disconnect the battery when the battery reaches an unsafe discharge level. This is an internal cutoff and will still require the user to turn off the fixture with the power switch. The auto shutdown will automatically reset when the fixture is fully charged. When DL75 gets down 3/4 % of battery discharge level the auto shutdown is activated. The fixture will not turn off until 90% discharged but if the fixture is turned off (on-off switch) it may not be turned back on until fully recharged.

## Warranty

ColorMaker Inc. hereby warrants, to the original purchaser, ColorMaker Inc. Electronics products to be free of manufacturing defects in materials and workmanship for a period of (90 days) from the date of purchase. This warranty shall be valid only if product is purchased within the United States of America. It is the owners responsibility to establish the date and place of purchase by accepting evidence, at the time service is sought.

For warranty service, send the product to the ColorMaker Inc. factory. All shipping charges must be prepaid. Equipment must be sent in its original package and to include all control devices.

Warrant is void if serial number has been altered or removed, seals have been voided, if the product is modified in any manner which ColorMaker Inc. concludes, after inspection, affects the reliability of the product; if the product has been repaired or services by anyone other than ColorMaker Inc. unless prior written authorization was issued to purchaser.

ColorMaker Inc. reserves the right to make any changes in the designs and/or improvements upon its products without any obligation to include these changes in any products theretofore manufacture.

Ni-MH batteries are warranted for a period of 90 days from date of purchase.

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### **Factory location:**

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