



PX250
60 and 30 Degree
Wireless Color LED fixture

Introduction

PX250 Wireless LED Color Fixture

ColorMaker Inc. has taken the next step to bring you the latest technology in wireless LED lighting Products. The PX250 wireless LED fixture uses 216 super bright LED to create millions of brilliant colors. Fixture includes our ColorRoll technology and many more added features.

Mobility is a key feature of our technology for the entertainment industry. All our ColorMaker line of LED fixtures operate from a 12 volt battery pack. Wall adapters are also available for permanent locations.

We incorporate the latest technology in wireless communications essential for todays growing wireless devices. Microprocessor controls all the functions of the PX250 including error checking of the data received from the remote. We use encrypted data to ensure other devices operating on the same frequency will not affect the operation of the fixture such as wireless microphones.

PX250 Control Panel

The PX250 fixture incorporates our new Auto Address technology. The Auto Address technology automatically sets the fixture address to one of 1024 channels used by the remote transmitter.

Indicator Light

The indicator light identifies one of three settings the PX250 can be run from.

Green - Fixture is set to run with ColorRoll Disabled.

Red - Fixture is set to run with ColorRoll Enabled

Orange - Fixture is in Auto Address Mode waiting for signal from transmitter.

Auto Addressing

The auto address feature automatically sets the address from the data received from the transmitter. The PX250 must be set to receive the address codes before the data is sent from the transmitter. Follow these next steps to program address.

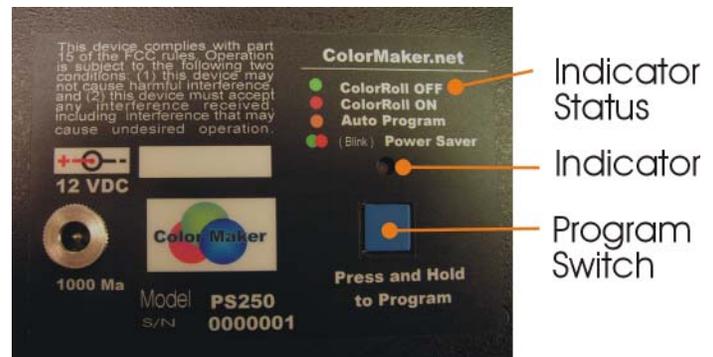
1) Power up the PX250

2) Press and Hold the Program Button until the indicator light turns Orange. This identifies the PX250 is ready to receive address codes from the transmitter.

Be sure you don't have any other transmitter operating within the range of the PX250 being programmed.

3) Select the Q button on the transmitter you want to use to control the fixture then adjust the dimmer levels by pressing the UP keys on the Red, Green or Blue.

Once you have done this the indicator light on the PX250 will turn Green identifying the address has be set. This procedure can be performed as many time as needed.



ColorRoll Option

After the address has been set you can adjust the PX250 ColorRoll option. This option is identifies by the indicator light. Red identifies ColorRoll is enabled and Green identifies ColorRoll is disabled.

The ColorRoll option can be changed by pressing the Program button. Be sure to press and release the program button within 1 second or the fixture will start the Auto Address mode.

PX250 Power Supply

Use only ColorMaker approved power supplies. ColorMaker recommends GL125000 wall adapter or D1210 Battery pack. At full power the PX250 requires 1000 Ma.

Mounting PX250

When choosing a location for the PX250 fixture whether is be a permanent location or a temporary setup its best to keep all metal object such as trusses and metal conduit as least 3 inches away from antenna. For the best performance its recommended that the antenna be positioned as vertical as possible.

Specifications:

Electrical: 12 Volt 1000 Ma
Operating Temperature: -30^o C to +70^o C
Duty Cycle: 100%

LED bulb life: 100,000 Hours
LED Beam angle: 60 degrees
Watts: 24

Physical Specifications

Length: 2.4 inches
Width: 10 inches
Height: 4.5 inches (without antenna)

Weight: 1.5 lbs

Light output Specifications

Color	Dominant Wave length (nm)	Beam angle (deg)
Red	628	60 and 30
Green	525	60 and 30
Blue	465	60 and 30

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Warranty

ColorMaker hereby warrants, to the original purchaser, ColorMaker products to be free of manufacturing defects in materials and workmanship for a period of 1 year 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 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 concludes, after inspection, affects the reliability of the product; if the product has been repaired or services by anyone other than ColorMaker unless prior written authorization was issued to purchaser.

ColorMaker 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.

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