

CB2410 & CB2420 Manual

The CB24 ColorBlast control system is easily setup in just a few simple steps. Be sure you have fully charged the batteries before using. The ColorBlast fixture connects to the CB24 through a 4 pin XLR connector see wiring diagram for proper connection.

Batteries

The CB2420 uses four SLA 5 amp batteries which can power the ColorBlast 12 for up to 4 hours at full (RGB). New batteries may require charged and discharged several times before maximizing battery capacity. To charge batteries the switch must be in the Charge position. Battery Tender is a recommended battery charger. Several types from single to multi port are available from ColorMaker inc. The CB2420 requires a 12 volt charging system.

Integrated Battery protection technology

The CB240 system has a built in battery protection system that automatically shuts down the system when batteries have reached an unsafe discharge level. Once the auto shutdown activates the CB24 may turn back on after a few minutes but its recommended that the system be recharged before using. Shut down may occur even when the fixture appears to be bright. The shutdown activates at 10.0 volts which is still enough power to run the ColorBlast fixture. Batteries should be recharged after each use to maximize battery life.

Addresses Programming

The CB24 has an auto addressing feature that automatically sets the address to the remote. Turn on the CB24 system and press and hold the Program button until the indicator light turns yellow. Using the remote press one of the Q buttons you want to use to control the CB24 then press the RED UP button. The CB24 system will respond and the indicator will turn green identifying the address has been successfully set.

ColorBlast Fixture

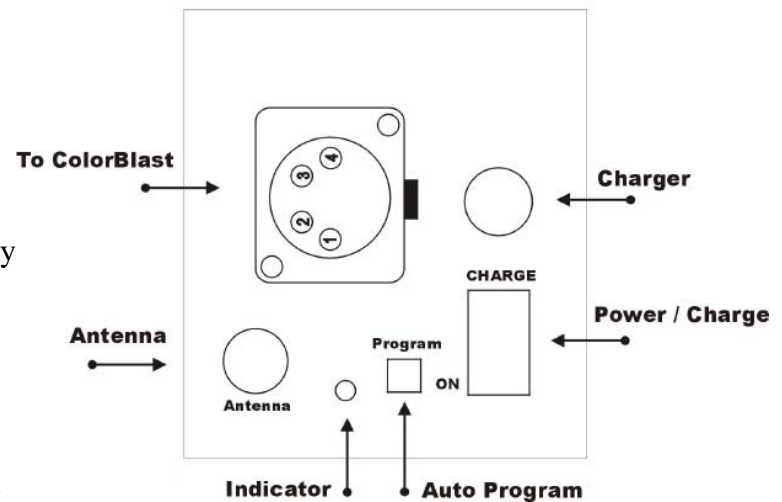
The CB24 system will control the ColorBlast 6 and 12 fixtures. The ColorBlast must be set to address 1 to be controlled by the CB24. Address 1 is factory default. Additional CB24 can be controlled by setting up separate addresses using the auto program button and additional Q buttons on the remote.

ColorRoll

The CB24 system has a build in ColorRoll technology. To enable the ColorRoll feature press and release the program button to enable and disable the ColorRoll feature. When indicator is Green the ColorRoll is disabled when the indicator is Red the ColorRoll is enabled. See remote control instructions for additional information on ColorRoll programming.

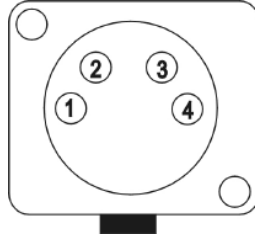
Antenna

The CB2420 has a removable antenna. For optimal performance the antenna should be vertical and at least 2 inches away from metal objects such as trusses and electrical conduit.



4 PIX XLR Connection

Pin 1 24VDC
Pin 2 Data +
Pin 3 Data +
Pin 4 Common (GND)



Specifications	CB2410	CB2420
Capacity 12 volts	10 amp	20 amp
Length	9.6 inches	17.8 inches
Width	3.7 inches	3.7 inches
Height	5.0 inches	5.0 inches
Weight	10 lb.	18 lb.
Run time ColorBlast 6	4 hours	8 hours
Run time ColorBlast 12	2 hours	4 hours



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