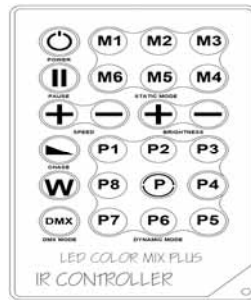# LED BIZ

**Issue of Aug. 2010**

## Product System





### BetaOpto with Environmental Focus of no UV, low heat, long life time,

the LED is perhaps an impact on architectural luminaries, entertainment lighting, and contour lighting. BetaOpto's sleek controller design offers highly efficient engineering aids in RGB and white lighting control, and easy installation with housing dim. 4.85″ x 4.70″ x 1.2″. It can be mounted into a fixture and led out only an IR remote sensor.

### Light control thru the wireless IR controller,

employ a slim aluminum box, controls the color light from one compact IR remote controller. With push-button, the controller enhances the ambient comfort in P8 programming modes of solid light and full color changing, and features M6 light memory, speed/brightness adjustment, chase on/off and light pause. The most common white is provided upon one simple touch on keypad W.

### Wall mount profile,

a feature to be embedded as a part of architecture, it employs a 30mm thick aluminum profile that can be easily installed behind the wall structure and structured a subtle concealment.

### External connector

provides one easy connection to external devices, such as PLC terminal.

### USB port

allows user friendly access to the animation **Color Edit 1 RGB** software program.

> **Slim Size 123*120*30mm (L*W*H)**
> **Easy M5 hole Installation**
> **IR Remote Control up to 10-meter**
> **External Connection Terminals**
> **From Full Color Control to Color Pause, and Lighting Memory**
> **White Color & Brightness Adjust**
> **Max. 7.5amp Driving Current**
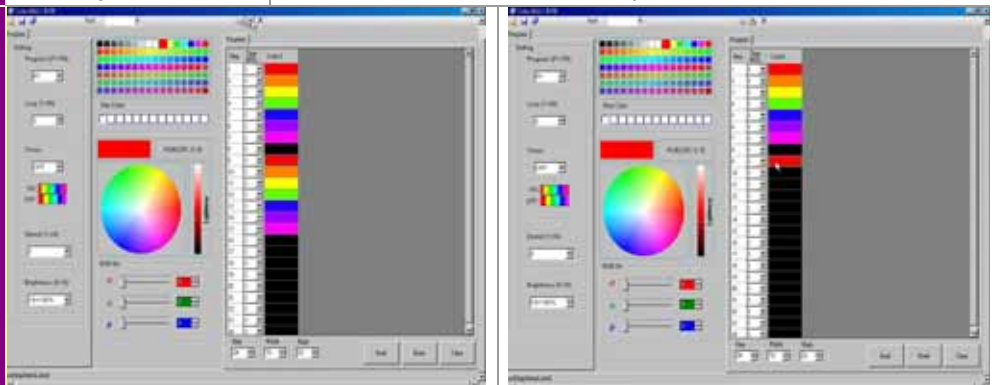> **Operate at 12V or 24V DC Voltage**

### Signal Amplify thru mini_Repeater.

More amperes are required? Simply connect to the PWM repeater, model CR90D3-080, which helps to multiply the serial RGB signal up to 3.75A and all attached LED strips then appear to operate synchronously to the Controller.

## Tech. Specification

| Specification | Order Code |
|---|---|
| | CX-145K |
| Interface | IR, USB, Wall Plate, External |
| Input Voltage | Typ. 12VDC or 24VDC |
| Output Voltage | Typ. 12VDC or 24VDC |
| Current per Output | 3.75Amp per R-G-B Output, Total 2 Output |
| Connection | Screw Terminals |
| Remote Control Function | Power ON/OFF; 8 Program; 6 Memory; Brightness/Speed Adjust; Chase ON/OFF; Pause; White |
| Software Program | ColorEdit 1 RGB |
| OS | Windows 2000, 2003, XP(32bit/64bit), 2008, Vista(32bit/64bit), Windows 7. |
| Standard Met | RoHS |
| Warranty | One-year |

## Software Programming

## ColorEdit 1 RGB





## BetaOpto Contact

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**Design, Manufacturing & Quality in Taiwan**

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