



# CONTROLLER KEYPAD

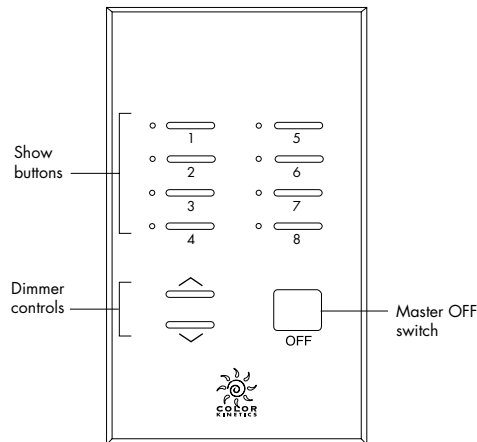
## USER GUIDE

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## INTRODUCING THE CONTROLLER KEYPAD

The Color Kinetics® Controller Keypad is a wall-mounted keypad for use with iPlayer® 2. It has eight buttons for selecting shows, onboard LEDs to indicate the current show, dimmer controls, and a master OFF switch.

Fig. 1



### Included in This Box:

- Controller Keypad
- Serial Cable (20')

### Additional Items You'll Need:

- iPlayer® 2 (Item# 103-000007-00)
- One-gang wall box

## INSTALLATION

This product should be installed by a qualified electrician in accordance with NEC and relevant local codes.

**WARNING:** Make sure the power is off before connecting or disconnecting the keypad.

### WIRING THE KEYPAD

The Controller Keypad comes packaged with a 20' serial cable. This cable has a standard DB9M connector at one end, and flying leads at the other. The DB9M connector connects to the iPlayer 2 serial port, and the flying leads connect to the back of the Controller Keypad.

ITEM# 103-000009-00

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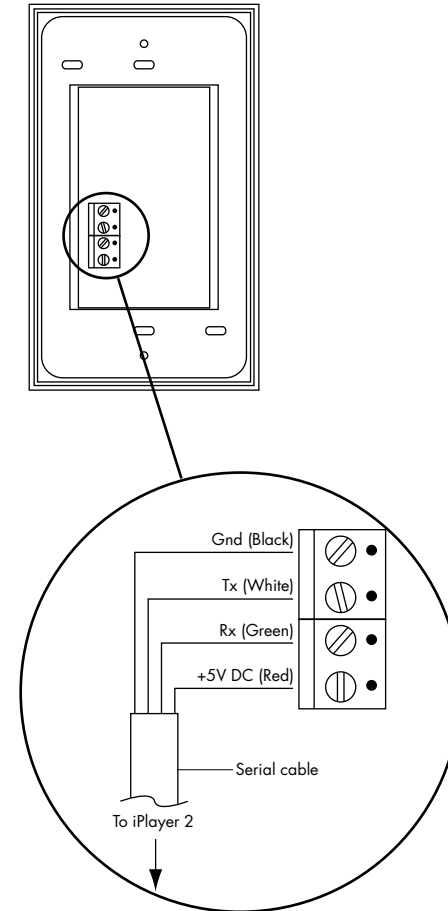
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Specifications are subject to change without notice.

PUB-000061-00 Rev 00

- Connect the serial cable to the iPlayer 2 Serial port.
- Connect the flying leads to the Controller Keypad screw terminals as shown in Fig. 2.

Fig. 2



### MOUNTING THE KEYPAD

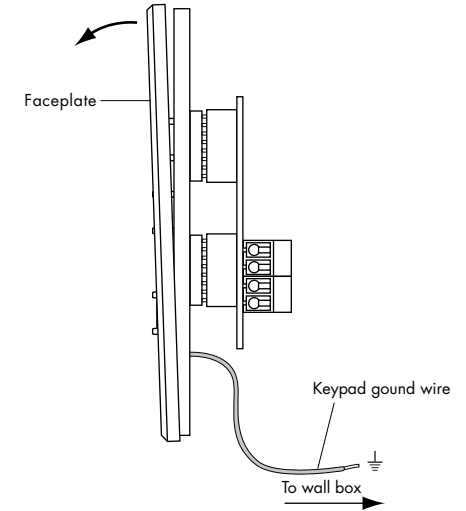
The Controller Keypad mounts directly to a standard US one-gang wall box.

- Install the wall box, keeping in mind that the serial cable must reach from iPlayer 2 to the Controller Keypad.

**NOTE:** If you use custom wiring in place of the serial cable, be aware that the maximum allowable run from iPlayer 2 to the Controller Keypad is 50'.

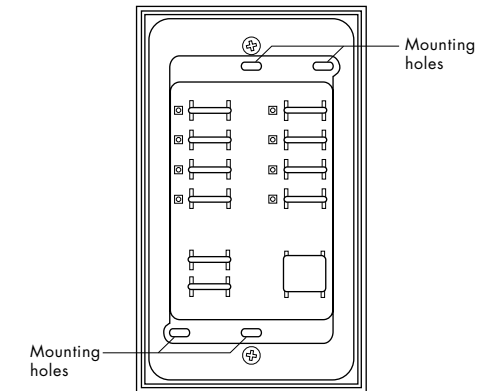
- Remove the faceplate from the Controller Keypad by grasping the top edge of the faceplate and prying it gently away from the keypad.

Fig. 3



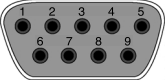
- Connect the keypad ground wire to the inside of the wall box. (See Fig. 3.)
- Mount the keypad to the wall box using two mounting screws.

Fig. 4



- Replace the faceplate by pressing it gently onto the keypad until it snaps into place.

## SERIAL CABLE PINOUTS (DB9M)



- 1** No connection
- 2** RxD (connects to iPlayer 2 TxD pin)
- 3** TxD (connects to iPlayer 2 RxD pin)
- 4** +5V DC input
- 5** Ground
- 6–9** No connection

## USING THE CONTROLLER KEYPAD

- Use Color Kinetics QuickPlay™ to download light shows to iPlayer 2 and assign triggers to each show. (Refer to the QuickPlay online help system for details.)
- Press a show button (1–8) to play the show that is assigned to that trigger. Shows play from the beginning at 100% brightness.
- If you press a show button that does not have a valid show assigned to it, all lights will turn off and the keypad LED will flash.
- Use the dimmer controls to adjust the brightness from 10% to 100%. Press and hold the dimmer controls to fade up or down.
- Press the OFF button to turn all lights off.

## PRODUCT SPECIFICATIONS

<b>HOUSING</b>	White matte plastic faceplate and buttons
<b>WEIGHT</b>	3.0 oz (85 g)
<b>DATA CONNECTOR</b>	Screw terminal
<b>POWER CONNECTOR</b>	Screw terminal

### ELECTRICAL SPECIFICATIONS

<b>POWER REQUIREMENT</b>	50mA @ 5V DC (0.25W)
<b>POWER SUPPLY</b>	None required (powered by iPlayer 2)

