

Chromatism



Versions

This manual covers the following versions of the Chromatism controller:

- V1.0
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Introduction

The Chromatism remote has been to power and control a single head from the Pulsar Chroma range of fixtures. The controller has the following features:

- DMX512 Red, Green, Blue intensity control
- DMX512 data indicator
- Inbuilt stand alone RGB effects
- Slave chaining for synchronising stand alone effects
- Power supply unit

DMX Installation

- Select the DMX address for the Red component to be controlled from using the switches provided.
- The Green and Blue components are on subsequent channels
- Connect the Chroma head unit via the 5pin terminal connector
- Connect the Power supply to the controller by way of the 2.1mm DC jack connector.
- Turn power on to the power supply.
- Connect the 5pin – RJ45 lead between the DMX source and the controller.
- Observe the “receiving data” indicators
- The controller is ready to be controlled via DMX.

Stand-alone Installation

- Select the stand-alone mode desired using the switches provided.
- Connect the Chroma head unit via the 5pin terminal connector
- Connect the Power supply to the controller by way of the 2.1mm DC jack connector.
- Daisy-chain the units to be synchronised using RJ45 leads. (NB. Only one unit can be configured as the master)
- Turn power on to the power supply.
- The selected effect will now commence.
- If the device is operating in slave mode and receiving valid data the “receiving data” indicator will illuminate.

Instructions For Use

DMX512 operation

- Connect the Chromatism controller in the DMX data chain. The incoming data connection should be connected to one of the RJ45 connectors on the controller by way of the 5-pin XLR Plug to RJ45 Plug lead. The second RJ45 Socket can be connected to further DMX equipment if required.
- Using the switches on the controller select the channel number that the Red component should react to. (Green +1, Blue +2)
- The receiving data indicator will illuminate if a valid data stream is being received.
- There is a direct relationship between the control channel intensity and the colour intensity. (0% = Off and 100% - Full On)

For Stand-alone Master operation

- Using the switches on the controller select the desired stand-alone effect.

For Stand-alone Slave operation

- Connect the Chromatism controller to a unit operating in master stand-alone mode. This connection is made using standard RJ45 leads.
- Using the switches on the controller select the slave mode.
- The receiving data indicator will illuminate if a valid data stream is being received from the master.

Troubleshooting

- The controller does not appear to work in master mode -
 - Check that a master effect has been selected using the switches
 - Check that the controller has power connected
 - Check that the head unit is connected to the controller
- The controller does not appear to work in slave mode –
 - Check that slave mode has been selected using the switches
 - Check that the controller has power connected
 - Check that the head unit is connected to the controller
 - Check that a controller operating in master mode is connected to the controller by way of an RJ45 cable.
 - Check that the receiving data indicator is illuminated
- The controller does not appear to work in DMX mode –
 - Check that the controller has power connected
 - Check that the head unit is connected to the controller
 - Check that the DMX address is set correctly
 - Check that the receiving data indicator is illuminated
 - Terminate the DMX line