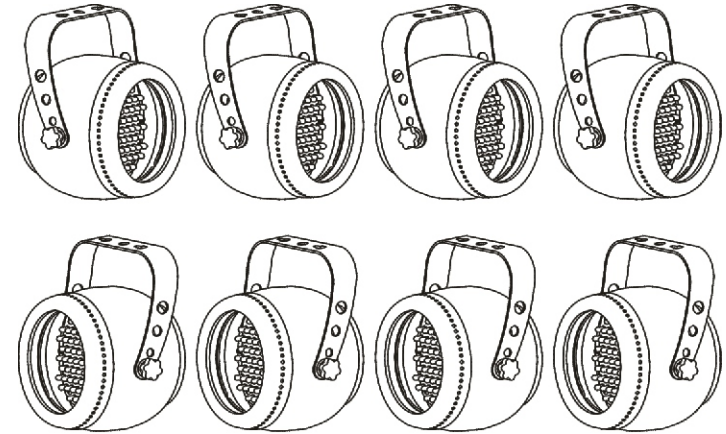
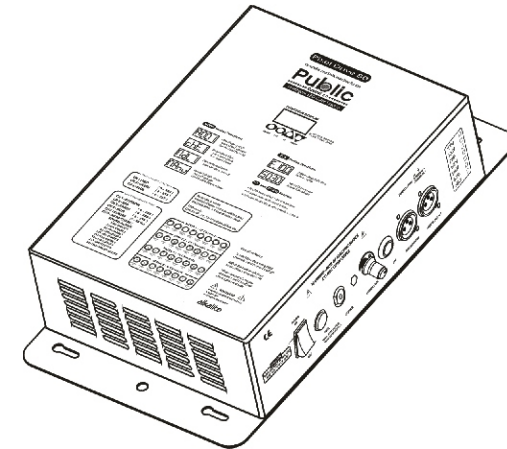


Octopod

OP-80 USER MANUAL



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© 2005



 **Cautions**

FOR INDOOR USE ONLY

KEEP DRY

INSTALL ONLY IN WELL-VENTILATED AREAS

DO NOT ATTEMPT TO OPEN THE CONTROLLER OR FIXTURES

NO USER SERVICEABLE PARTS INSIDE

DANGER:Ensure that main power supply is off before installing or wiring the Octopod system.

DANGER:Ensure that the power supply is off by unplugging the Pixel Drive 80 before connecting or disconnecting fixtures.

WARNING:

1. Before attaching the device, make sure that the installation area can hold a minimum point load of 10 times the device's weight.
2. Never stare directly into the light source.

Warranty

The distributor warrants its products to be free of manufacturing defects in material and workmanship for a period of 90 days from the date of original purchase. The distributor warrants its products for a period of 1 year from the original purchase date. This warranty shall be valid only if the product is purchased from its authorized distributors or dealers. It is the purchaser's responsibility to establish the date and place of purchase by acceptable evidence at the time service is sought. For warranty service, send the product only to an authorized distributor or dealer.

All warranties are void if the serial number has been altered or removed; if the product has been modified in any manner; if the product has been repaired or serviced by unauthorized personnel; or if the product is damaged due to improper use or maintenance as set forth in the instruction manual.

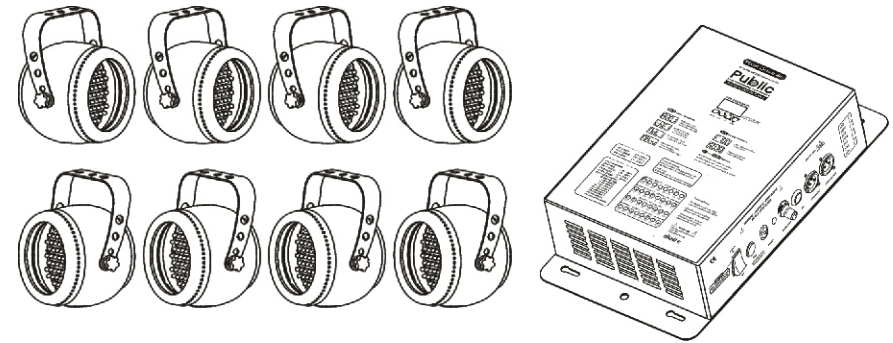
This is not a service contract and does not include standard maintenance or cleaning.

The distributor reserves the right to change design and specifications without obligation to include these changes in previously manufactured products.

Additional warranties provided at the discretion of the distributor dealers shall remain the sole obligation of the distributor or dealer.

Introduction

LED Octopod-80 consists of a control unit and eight lighting fixtures. It is an easy to operate system that is durable and easily maintained. There is an acrylic filter in front of the LED bulbs to soften the lighting effect. The control unit is programmed with eight effect programs, one sound controlled program and manual-adjust RGB mode. Each program can be easily set and adjusted via the control unit. For added functionality the entire system can be controlled externally by DMX 512. Regulating the RGB values and illumination level of the Octopod's LEDs allows for thousands of color mixes, effects and color changes. These settings can be easily set and adjusted whether at a club, a concert, at home or on the road.



The System Includes:

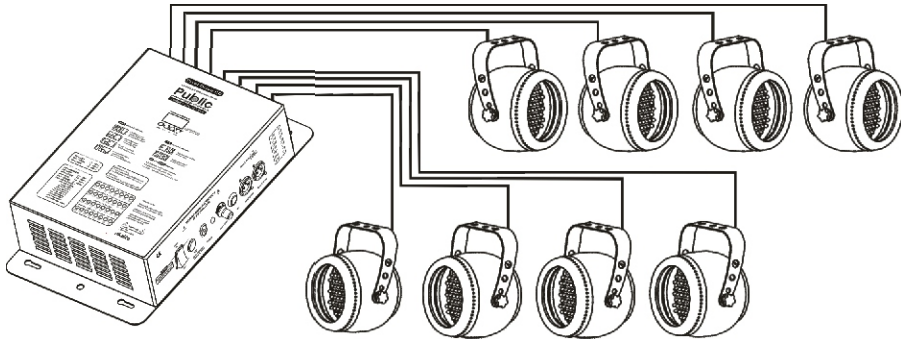
- 8 x Octopod 80 fixtures
- 4 x 6 meters DC / Signal cables
- 4 x 3 meters DC / Signal cables
- 1 x Pixel Drive 80 controller / DMX interface
- 8 x Installation Brackets
- Gear Screw Set
- Installation Guide

Additional Items Not Included:

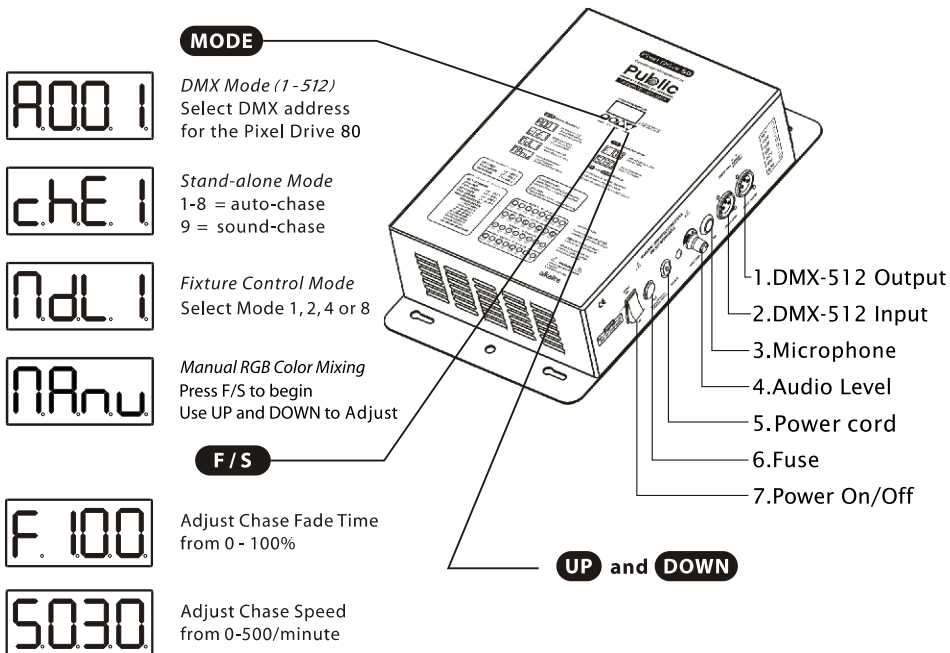
- DMX controller

Setup

Connect the Octopod fixtures using the supplied DC/ Signal cables and set each fixture address as illustrated below.



Front and Side Panel Functions



Technical Specifications

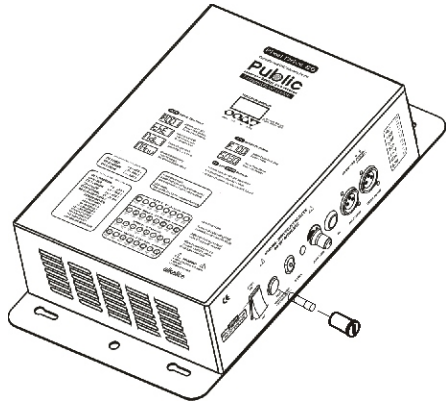
PIXEL DRIVE 80 CONTROLLER			
POWER SUPPLY:	100V <input type="checkbox"/>	230V <input type="checkbox"/>	50Hz <input type="checkbox"/>
	120V <input type="checkbox"/>	240V <input type="checkbox"/>	60Hz <input type="checkbox"/>
	220V <input type="checkbox"/>		
POWER CONSUMPTION:	115W		
CONTROL:	DMX, BUILT-IN MIC, AUTO		
DIMENSIONS:	360mmx200mmx85mm		
WEIGHT:	3.7 KG		
FUSE:	120VAC 250V/T2.0A;230VAC 250V/F1.6A		
OCTOPOD 80 FIXTURE			
POWER SUPPLY:	24V		
POWER CONSUMPTION:	12W per fixture		
DIMENSIONS:	175mmx139mmx163mm		
WEIGHT:	0.97KG per fixture		

Note:

IF THE EXTERNAL FLEXIBLE CABLE OR CORD OF THIS LUMINAIRE IS DAMAGED, IT SHALL BE EXCLUSIVELY REPLACED BY THE MANUFACTURER OR THEIR RESPECTIVE SERVICE AGENT OR A SIMILAR QUALIFIED PERSON IN ORDER TO AVOID A HAZARD.

Fuse Replacement

The *Pixel Drive 80* fuse may be replaced as illustrated below.



Cautions

DISCONNECT AC MAINS POWER BEFORE REPLACING
REPLACE WITH FUSE OF SAME TYPE AND RATING

Stand-alone Operation

Refer to the four buttons on the front panel of the *Pixel Drive 80*:



Press the MODE button to view the Chase menu:

chE 1

Select Chases 1-9 using the UP and DOWN buttons
Chases 1-8 run according to the Fade and Speed values
Chase 9 is sound-active

Press the F/S button to set the Fade and Speed values:


F 100

Adjust Chase Fade Time from 0-100%

S030

Adjust Chase Speed from 0-500 steps per minute

Manual RGB Adjustment

Find  manual RGB adjustment menu by pressing MODE button. Press F/S to select desire color for adjustment, use UP and DOWN button to adjust value.

-000

→ -255

Indicates Red from dark to bright.

-000

→ -255

Indicates Green from dark to bright.

-000

→ -255

Indicates Blue from dark to bright.

Program will memory from last adjustment.

Sound-active Operation


In Stand-alone mode, select Chase 9 and adjust the audio input level using the sensitivity control dial on the side panel of the *Pixel Drive 80*.

In DMX mode, use Channel 6 to select Sound-active operation.

DMX Operation

Press the MODE button to view the DMX address setting menu 

Select the DMX starting address for built-in controller using the UP and DOWN buttons.

Select DMX Channel mode by pressing MODE button to view . Then press F/S to enter, use UP and DOWN button to select.

 **6 Channel Mode :**
6 channel DMX control

Channel 1 : Rainbow
Channel 2 : Red (0 -255)
Channel 3 : Green (0 -255)
Channel 4 : Blue (0 -255)
Channel 5 : Strobe (1-20HZ)
Channel 6 : Sound-active

 **3 Channel Mode :**
3 channel DMX control

Channel 1 : Red (0 -255)
Channel 2 : Green (0 -255)
Channel 3 : Blue (0 -255)

There are 8 modes of self-running programs (value: 1-240) and one sound-active (value: 241-255) in Channel 6.

255	<input type="checkbox"/>	Sound-active	Chase 1 : 1-30
240	<input type="checkbox"/>	chase 8	Chase 2 : 31-60
210	<input type="checkbox"/>	chase 7	Chase 3 : 61-90
180	<input type="checkbox"/>	chase 6	Chase 4 : 91-120
150	<input type="checkbox"/>	chase 5	Chase 5 : 121-150
120	<input type="checkbox"/>	chase 4	Chase 6 : 151-180
90	<input type="checkbox"/>	chase 3	Chase 7 : 181-210
60	<input type="checkbox"/>	chase 2	Chase 8 : 121-240
30	<input type="checkbox"/>	chase 1	Sound-active : 241-255
0	<input type="checkbox"/>		

If DMX signal exists, signal in the display panel will flash.
The lighting fixture should be preserved in dry, cool and ventilated area.
The built-in controller will automatically detect the presence of a DMX signal.


In order to receive a DMX signal, the Pixel Drive 80 must be attached to a DMX controller by a 3-pin DMX cable and the DMX controller must be turned on.

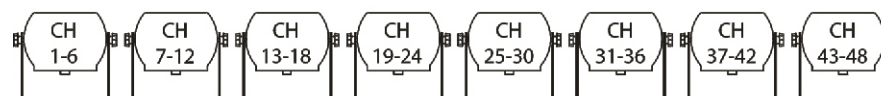
To mix RGB color using DMX, Channel 1 (Rainbow) must be off (0).


When programming your own DMX sequences, note that Channel 6 must be off (0) to avoid activating Sound-active mode during playback.

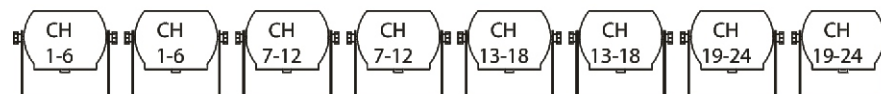
DMX MODES:

Press the MODE button to view the DMX mode selection menu. Use the UP and DOWN buttons to select the DMX mode.

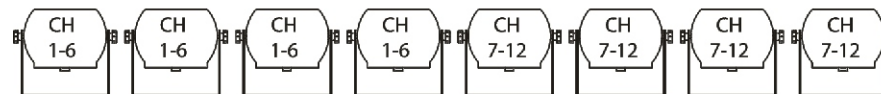
 **DMX Mode 1 :** 48-channel operation
(Control each *Octopod* fixture independently)



 **DMX Mode 2 :** 24-channel operation
(Control 4 sets of 2 *Octopod* fixtures)



 **DMX Mode 4 :** 12-channel operation
(Control 2 sets of 4 *Octopod* fixtures)



 **DMX Mode 8 :** 6-channel operation
(Control 8 *Octopod* fixtures in unison)

