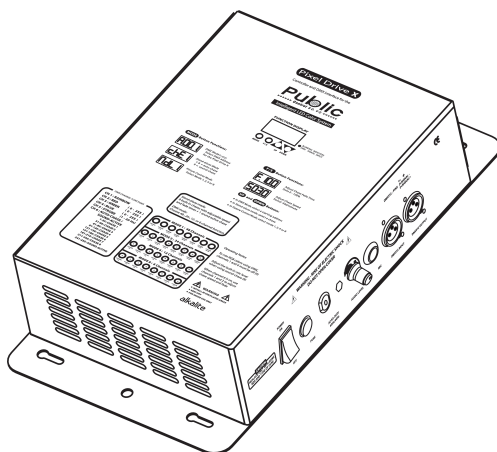
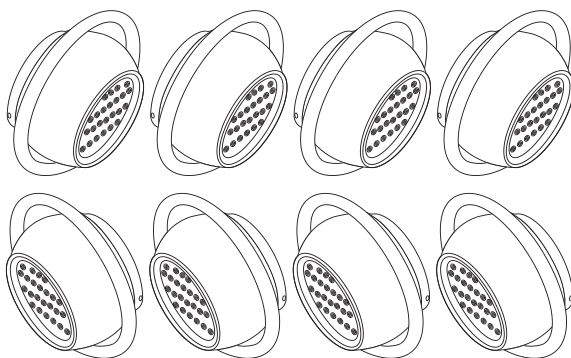


Riva

RV-80 USER MANUAL



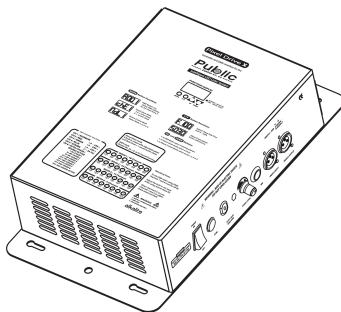
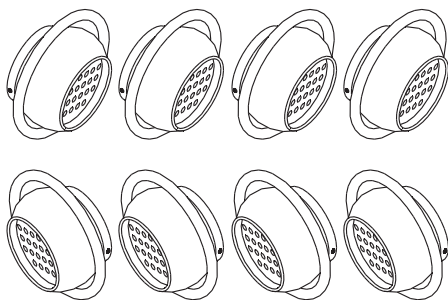


INSTALLATION GUIDE

Riva 80 and Pixel Drive 8

Introduction

LED Riva-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 has a fan inside to dissipate the heat from the electronics. The control unit is programmed with eight effect programs and one sound controlled program. 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 Riva'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:

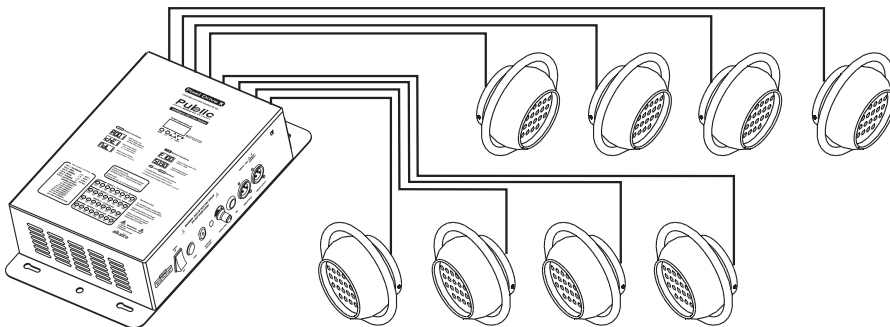
- 8 Riva - 80 LED fixtures
- 8 DC / Signal cables
- 1 Pixel Drive 8 controller / DMX interface
- 1 Installation Guide

Additional Items Not Included:

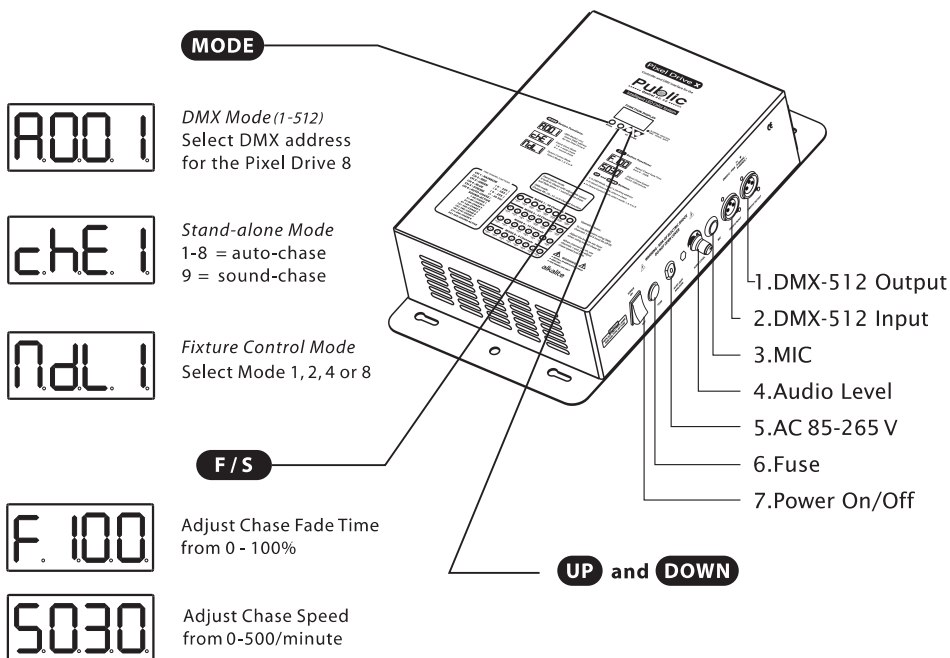
DMX controller
3-pin DMX cable

Setup

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



Front and Side Panel Functions



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 Riva system.

DANGER:Ensure that the power supply is off by unplugging the Pixel Drive 8 before connecting or disconnecting fixtures.

Stand-alone Operation

Refer to the four buttons on the front panel of the *Pixel Drive 4*:



Press the MODE button to view the Chase menu:



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:



Adjust Chase Fade Time from 0-100%



Adjust Chase Speed from 0-500 steps per minute

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 8*.

In DMX mode, use Channel 6 to select Sound-active operation and adjust the audio sensitivity.

DMX Operation

Press the MODE button to view the DMX address setting menu:Select the



DMX starting address for the Pixel Drive 8 using the UP and DOWN buttons

The DMX Channel functions are:

- 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/ Audio sensitivity

There are 8 modes of self-running programs (value: 1-240) and one sound-active (value: 241-255) in Channel 6. Users can also can control the speed and fade through adjusting Channel 1(speed) and Channel 2 (fade) when they run the self-running programs.

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 pixel Drive 8 will automatically detect the presence of a DMX signal.

In order to receive a DMX signal, the Pixel Drive 8 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.

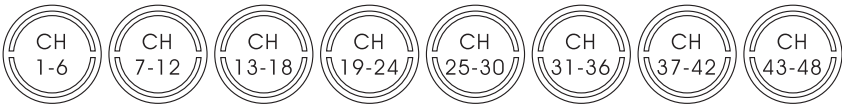
The Riva system can operate as a 48-, 24-, 12- or 6- channel DMX fixture. Select DMX Mode 1, 2, 3 or 4 as described on the facing page.

DMX MODES:

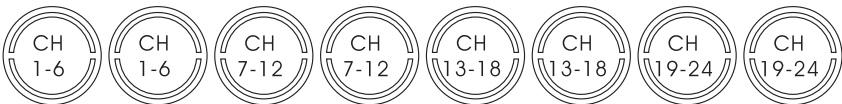
Press the MODE button to view the DMX mode selection menu.
Use the UP and DOWN buttons to select the DMX mode.



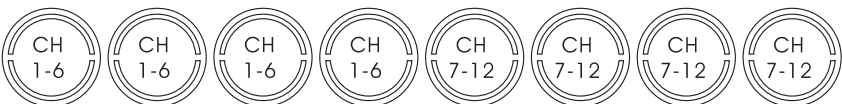
DMX Mode 1 : 48-channel operation
(Control each Riva fixture independently)



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



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



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

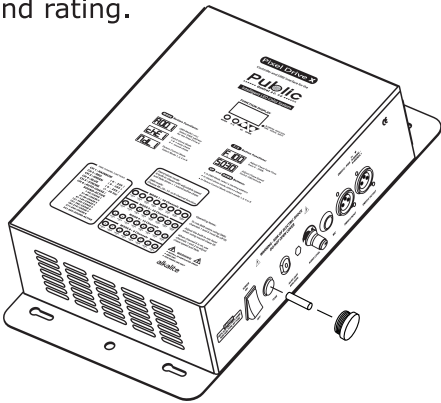


Fuse Replacement

The *Pixel Drive 8* fuse may be replaced as illustrated below.

Disconnect AC mains power before replacing.

Replace with fuse of same type and rating.



Technical Specifications

PIXEL DRIVE 8 CONTROLLER	
POWER SUPPLY:	85V~265V 50Hz/60Hz (Switching Power)
POWER CONSUMPTION:	80 W
CONTROL:	DMX, BUILT-IN MIC, AUTO
DIMENSIONS:	360mmx200mmx85mm
WEIGHT:	3.08 KG
FUSE:	120VAC 250V/T2.0A;230VAC 250V/T1.5A
Riva FIXTURE	
POWER SUPPLY:	24V
POWER CONSUMPTION:	8.4W x 8
DIMENSIONS:	209mmx209mmx109mm
WEIGHT:	0.67KG x 8PCS

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. For products properly registered under the distributor warranty registration program (details below), 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. Lamps, fuses, brushes, belts and all expendables are not covered by this warranty.

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.

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