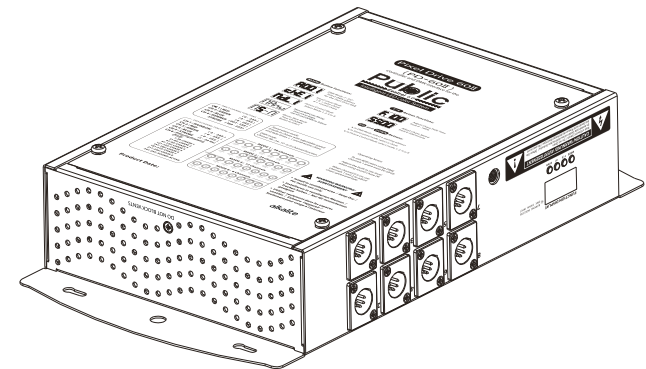
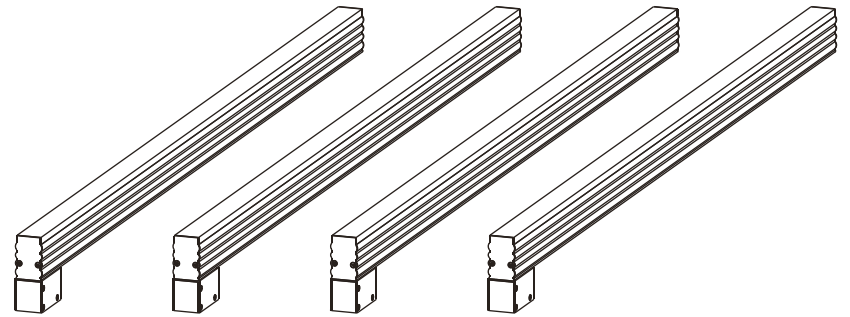


# Octostrip

TP-60II USER MANUAL

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info@alkalite.com  
© 2007



PMA0086-AKL2

## IMPORTANT

- Please read and keep these instructions
- Heed all warnings
- Follow all instructions



### 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 Octostrip system.
- Ensure that the power supply is off by unplugging the Pixel Drive 60II before connecting or disconnecting fixtures.

### WARNING:

1. This device can be applied to ceiling, wall, truss or any desired place.  
Before attaching the device, make sure that the installation area can hold a minimum point load of 10 times of the device's weight.
2. Never stare directly into the light source.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## 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.

## Technical Specifications

PIXEL DRIVE 60II 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:	200W					
CONTROL:	DMX, SOUND TO LIGHT, AUTO, MASTER/SLAVE MODE					
DIMENSIONS:	380mmx228mmx75mm					
WEIGHT:	5.5 KG					
FUSE:	120VAC 250V/T5.0A					
OCTOSTRIP FIXTURE						
POWER SUPPLY:	24V					
POWER CONSUMPTION:	14W per fixture					
DIMENSIONS:	1000mmx30mmx93.5mm (With bracket)					
	1000mmx30mmx82.5mm					
WEIGHT:	2.29KG per fixture (With bracket)					
	1.9KG per fixture					

### Note:

IF THE EXTERNAL FLEXIBLE CABLE OR CORD OF THIS LUMINAIRES 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.

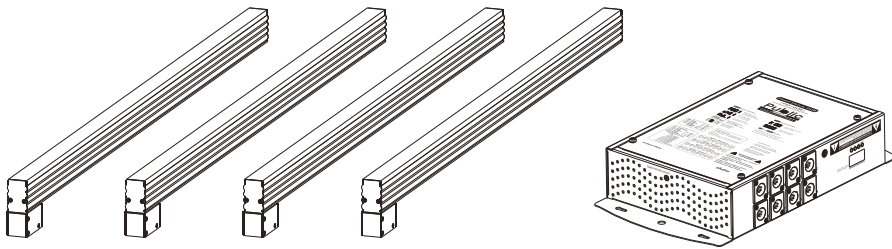
## IMPORTANT SAFETY INSTRUCTIONS

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus(including amplifiers) that produce heat.
5. Do not defeat the safety purpose of the grounding-type plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
7. Only use attachments/accessories specified by the manufacturer.
8. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, used caution when moving the cart/apparatus combination to avoid injury from tip-over.
9. Unplug this apparatus during lightening storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
12. The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.
13. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
14. The apparatus shall be connected to a mains socket outlet with a protective earthing connection.



## Introduction

Octostrip consists of a control unit and eight lighting strips. 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, manual-adjust RGB mode and Master/Slave 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 Octostrip'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 LED Strip (1000 mm)
- 8 x XLR 5 Pin cable
- 1x Pixel Driver 60II Controller
- 1x Power cord

## Additional Items Not Included:

DMX controller



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

CH 1-6	CH 13-18
CH 1-6	CH 13-18
CH 7-12	CH 19-24
CH 7-12	CH 19-24



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

CH 1-6	CH 7-12
CH 1-6	CH 7-12
CH 1-6	CH 7-12
CH 1-6	CH 7-12

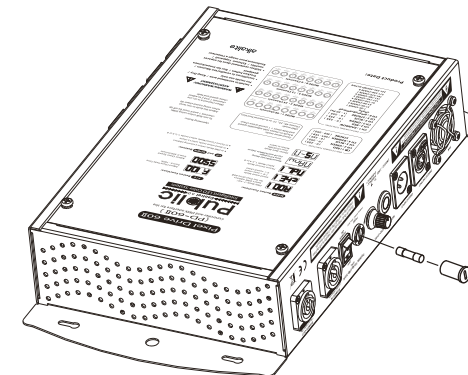


**DMX Mode 8** : 6-channel operation  
(Control 8 *Octostrip* fixtures in unison)

CH 1-6	CH 1-6
CH 1-6	CH 1-6
CH 1-6	CH 1-6
CH 1-6	CH 1-6

## Fuse Replacement

The *Pixel Drive 60II* fuse may be replaced as illustrated below.



## Cautions

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



## 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 : Preprogrammed chase



## 4 Channel Mode :

4 channel DMX control

Channel 1 : Red ( 0 -255 )  
 Channel 2 : Green ( 0 -255 )  
 Channel 3 : Blue ( 0 -255 )  
 Channel 4 : Dimmer (001-159)  
 Strobe ( 160-255 )

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 60II 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.



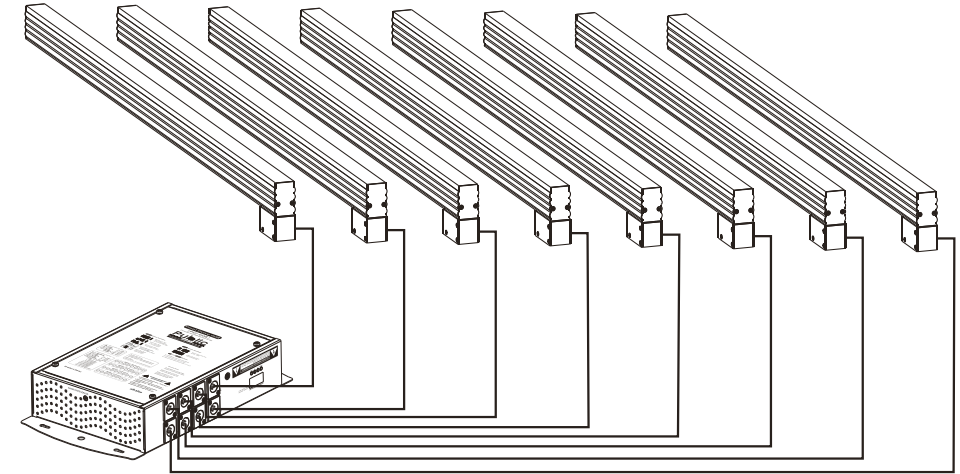
## DMX Mode 1 : 48-channel operation

(Control each *Octostrip* fixture independently)

CH 1-6	CH 25-30
CH 7-12	CH 31-36
CH 13-18	CH 37-42
CH 19-24	CH 43-48

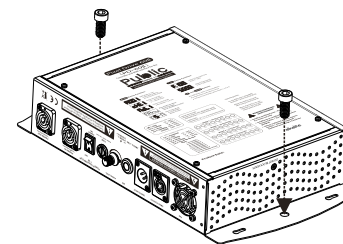
## Setup

Connect the Octostrip fixtures using the supplied 5 Pin XLR cables and set each fixture address as illustrated below.

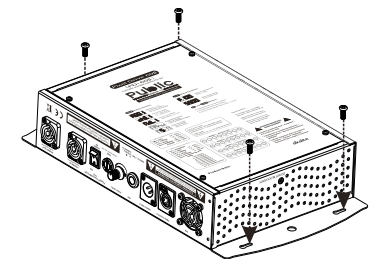


## PD-60II (Master/Slave Mode) Installation Method Diagram:

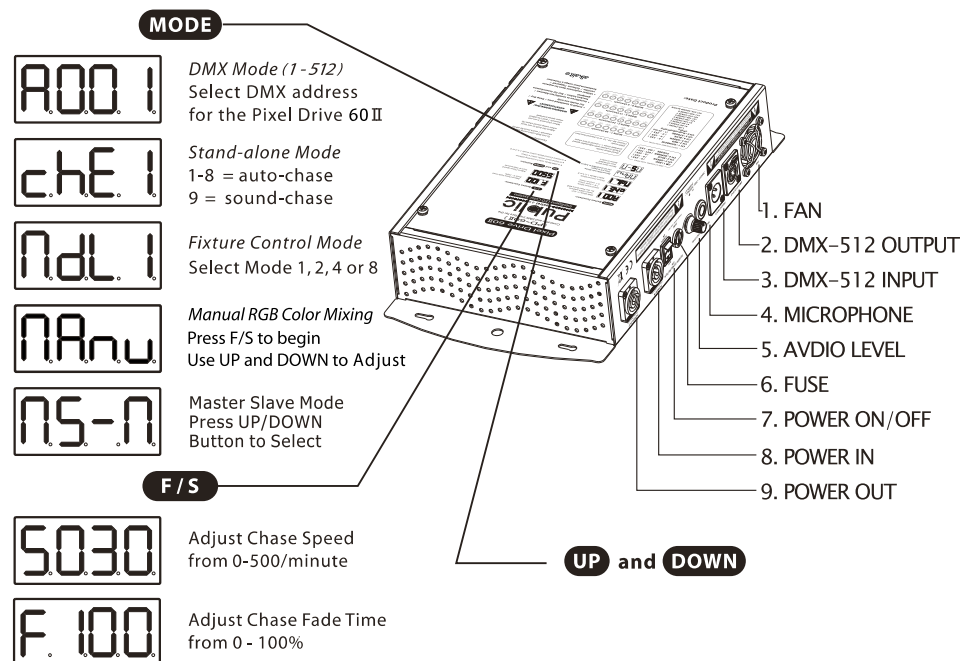
Installation 1:



Installation 2:



## Front and Side Panel Functions

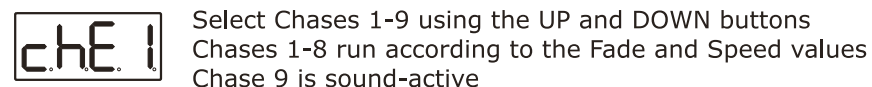


## Stand-alone Operation

Refer to the four buttons on the side panel of the *Pixel Drive 60II*:



Press the MODE button to view the Chase menu:

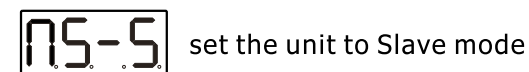
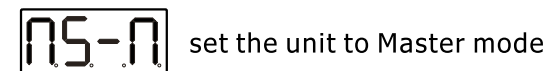


Press the F/S button to set the Fade and Speed values:



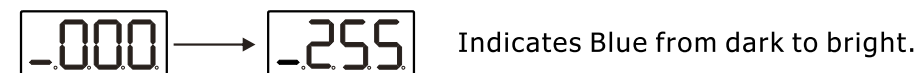
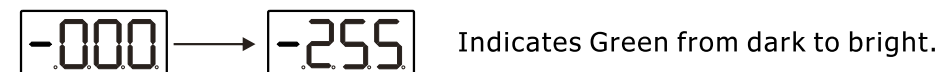
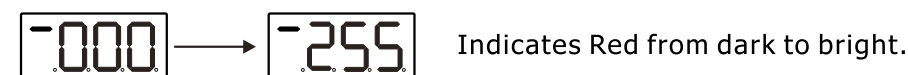
## Master Slave Mode

Find **NS-N** menu to set for master or slave mode, use UP or DOWN button to select:



## Manual RGB Adjustment

Find **NRnu** 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.



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 60II*.

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

## DMX Operation

Press the MODE button to view the DMX address setting menu **A00 1**

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 **NdL 1**  
Then press F/S to enter, use UP and DOWN button to select.