

Model: PX706-1050



Features:

- ◆ Meet DMX512 international standard protocol
- ◆ DMX signal detection and indication function, can distinguish DMX signal states of normal, pause, error
- ◆ 4 output channels, output current of 1050mA
- ◆ Single DMX channel, 3 DMX channels, 4 DMX channel and 8 DMX channels in all kinds of architectural and stage systems suitable for use.
- ◆ Up-regulation setting function, 5 levels
- ◆ Can easily set DMX address by button
- ◆ With the light color selected mechanism, and be able to control the light with 1~4 colors
- ◆ 256-level brightness, full-color control, with control system, can express perfect effect
- ◆ For customer setup and use easily, the default address code is 1
- ◆ Address setting become brightness setting when DMX signal isn't connected
- ◆ With the common anode feature, RGB and RGBW applications will carry less cable.
- ◆ RS485 Termination Resistor jumper allows easy termination of the resistor.
- ◆ Suitable for buildings, hotels, KTV, home and other places
- ◆ It conforms to low voltage, electromagnetic compatibility and harmonic standards.
- ◆ ANSI E1.11-2004 DMX512-A RDM ANSI E1.20 standard.

Technical Parameter:

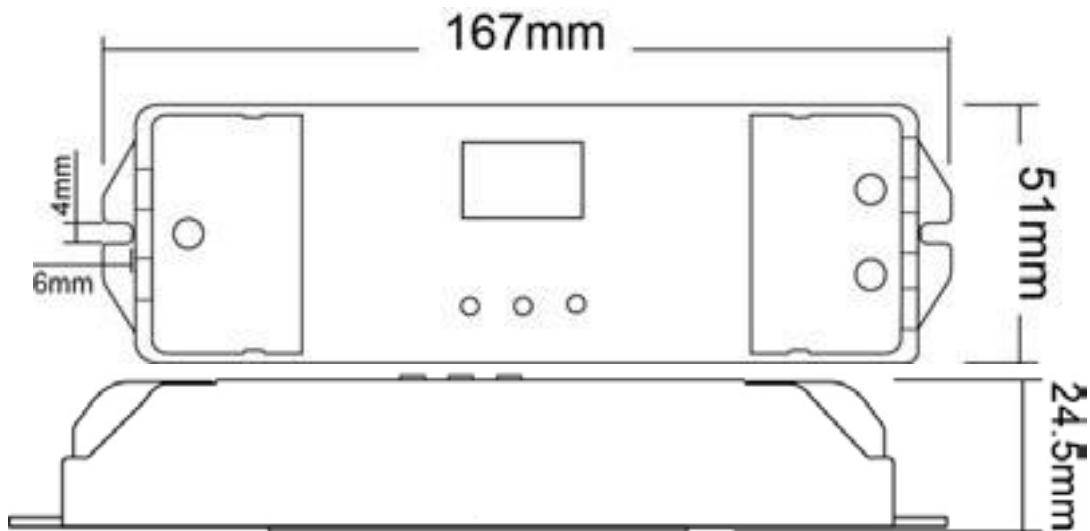
Model:		PX706-1050
Output	Current	350mA – 700mA - 1050mA – 1400mA *4ch
	DC Voltage	3-42VDC
Input	Voltage	12-24V 36-48VDC
	Current	4A

DMX Constant Current Decoder

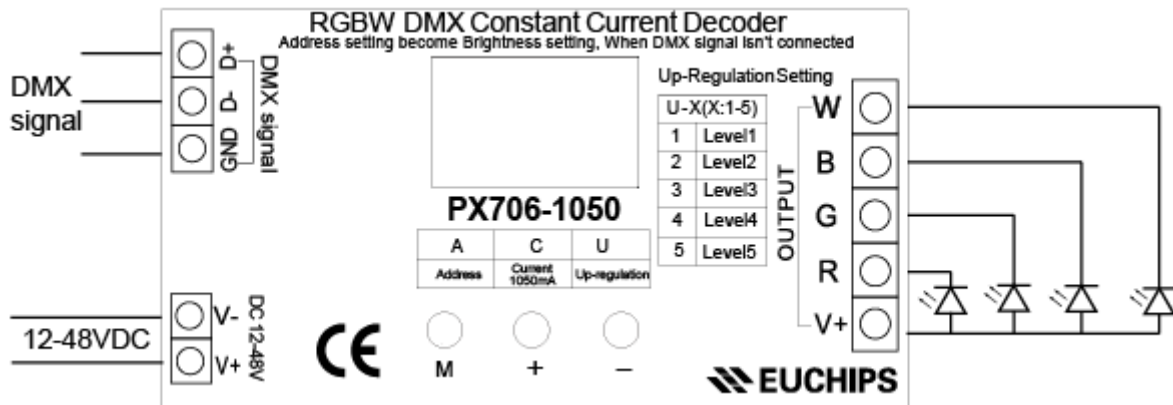
PX706-1050

Others	Product Size	167 (L) *51(W)* 24.5(H)mm
	Pack Size	365(L)*260(W)*240(H) mm 64Pcs/12kg/Carton
	N.W	135g
	G.W	175g
	Work Temp	-20°C ~ 80°C

• Dimension(mm)



• Wiring instruction:



Installation Interface Description:

◆ DMX signal interface

Please pay attention to the polarity of DMX Signal. If DMX signal isn't connected correct, follows error will display:

1. There is no DMX signal, current address ,current setting current (C - 1) and current start light setting (U -X) will be displayed on LED by loop and interval 2S.

2. The DMX signal is paused, current address, current setting current (C - 1) and current start light setting (U -X) and P will be displayed on LED by loop and interval is 2s.

3. The DMX signal is normal, current address be displayed only.

◆ Power input interface

DC 12-48V input, supply power for decoder and the lamps it takes.

◆ Address setting keys

Address can be saved automatically, address can be recovered when next power on.

1. Key "M", Used to enter the menu or return to the menu. Long press this key for 3S, enter the menu option. At this point the light of LED digital tube bottom right of the comma will turn on, Press button + or - to select the options you need to set, Press the M button to enter the settings. Press the M key again to exit the current submenu.

2. Into the A option (Address code option), Buttons + for address plus, according to the address of each cumulative one. Long press button, the address code will quickly flip.

The largest address is 511. Button - used to address less, Short pressing button the address decreasing 1 one time, Long press button, the address code will quickly flip Minimum address 0.

3. Not receive DMX signal can be used as a manual dimmer, current address code is the brightness level. (This is a optional function)

Note: The factory default address code is set to 1.

4. Into the U option (brightness increase option), there are five brightness increased. For each additional, representing an increase of five brightness.

◆ Drive output interface

Total positive drive, With a V + interface and 4-channel R, G,B and W output interface, Can be accessed by the module of a variety of full-color and monochrome module automatically adjust the output current of the lamp module to load

NOTE: For full-color module of male connector, can directly connect the positive line and the R, G, B ,W control line to the decoder output interface pin.

For Monochrome modules, can connect the positive line to the decoder output interface V+ feet. Negative line according to the color of the module connected to the decoder output interface of the R, G, B,W pin.

Several colors monochrome module received with a decoder, Shall their line receiving the output of the decoder interface V+ pin.

Installation Notes

1. Input voltage must be fit the product working voltage
2. Do not overload
3. Installed in a ventilated and dry environment
4. Before commissioning of the power, should ensure that all wiring is correct before electricity.
5. If failure, do not secretly maintenance, please contact the supplier.