

Protocol: DMX512.

Input: RS485 differential signal input.










Control mode: DMX512. Without DMX input data, RGB colorful gradient; with DMX data input, controlled by DMX data.

Connection method: connect in parallel, every 32 modules need an amplifier, switch "FUN" to "OFF", data is broken off and after 1.5 second, the light transfer to RGB colorful gradient. The left nine dip switches are used to set address. Address value equals switch number plus 1, that is to say, switch 0 corresponds to address 1, switch 1 corresponds to address 2, switch 2 corresponds to address 3....., each address has three channels: R,G,B.

Three channels constant voltage drive: input voltage: DC 12 V- 24 V, common anode, current of each channel is 4 A. When input 12 V DC, output power consumption of controller is 144 W; when input 24 V DC, output power consumption of controller is 288 W.

1024 levels gray scale, refresh frequency is 2 kHz.

Controllable IC chips: the first five switches are used to set initial address, unit is 8, that is to say, switch 0 corresponds initial address 1, switch 1 corresponds initial address 9, switch 2 corresponds initial address 17.....; the sixth and seventh switches are used to set the IC type, H805DMX controls maximum 170 pixels.

6-9 switch status	IC Type
	LPD6803, UCS6909, UCS6912, APA101, D705
	LPD8806
	WS2801
	P9813
	TM1812, TM1809, TM1804, UCS1903, UCS1909, UCS1912, WS2811, INK1003
	LPD1882, LPD1889
	LPD1914
	LPD1916
	LPD1883