LED Digital Controller LT-200

Brief introduction

More powerful and easy operation in LT-200 digital controller updated version.

It can control LED lighting with compatible driving IC, such as PD6803, LPD1101, D705, UCS6909, UCS6912, LPD8803, LPD8806, TM1803, TM1804, TM1809, TM1812, UCS1903, UCS1909, UCS1912, UCS2903, TLS3001, TLS3002, WS2801, WS2803, WS2811, WS2812, P9813, etc

There are 540 lighting modes, like seven color, synchronic jumping and smooth, color flow, color chasing, smooth flow, Meteor, etc.
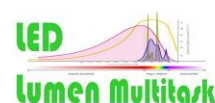
LED digital control was supported by DMX/1990 international standard protocol interface which has DMX management mode. It can choose the changing modes, changing speed, brightness, changing category, changing direction by calling LT-200 built-in function through DMX console.

Meanwhile, it also has the DMX decoder mode that user is the most wanted. It can edit and control the led fixtures with those driving ICs listed above. DMX console control every channel of the LED fixtures, realizing 0-100% dimming or editing kinds of changing effect.

Can customize the other compatible driving ICs by customer needs.

Performance Features

1. 1. Built-in a LCD screen, it is easy to set up the parameters.
2. 2.Built-in perpetual calendar, real-time display system clock, can be set up to play different programs in any time, Monday to Sunday or holiday.
3. 3. There are 540 lighting modes, like seven colors, synchronic jumping and smooth, color flow, color chasing, smooth flow, meteor trailing, etc..

4. 4. Multilevel changing speed, brightness, RGB gray scale adjustment, effect of movement direction, etc.
5. 5. Feel free to define many changing modes into a step, 8 independent cycle steps maximum.
6. 6. Support 2 kinds of output ports: green terminals, combination the terminal of signal and power (It can be load 20A current)
7. 7. Support third-party DMX512 interface, it can be realized DMX management mode, calling the most of functionality in the controller by DMX console.
8. 8. It can be work as a DMX-SPI decoder, which decode 512 channels and programming the changing effect by DMX console.

Product Parameter

LT-200 Led digital controller

Working Voltage	DC12V (with an adapter to covert AC100～240V to DC12V)
Power consumption	＜2W
Output signal	SPI(TTL)
3rd part port	DMX512
Change mode	540 modes
Control Qty	1024 pixels
Input/Output terminal	XLR-3, RJ45, Green terminal, combination the terminal of signal and power
working temperature	-30℃～65℃
Dimension	L163×W125×H40mm
Package Size	L269×W129×H46mm
Weight (G.W)	760g