superlightingled LC2000B-TY01 LED Wifi music controller User Manual

LC2000B-TY01 LED Wifi music controller
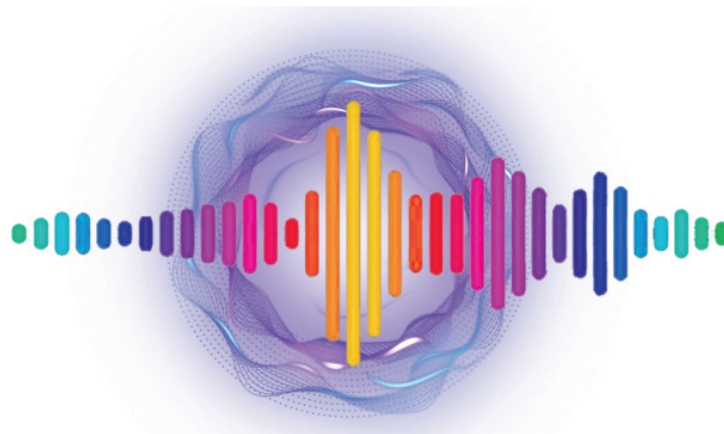
(HarmonyOS/Android/IOS)

https://smartapp.tuya.com/tuyasmart
https://smartapp.tuya.com/smartlife
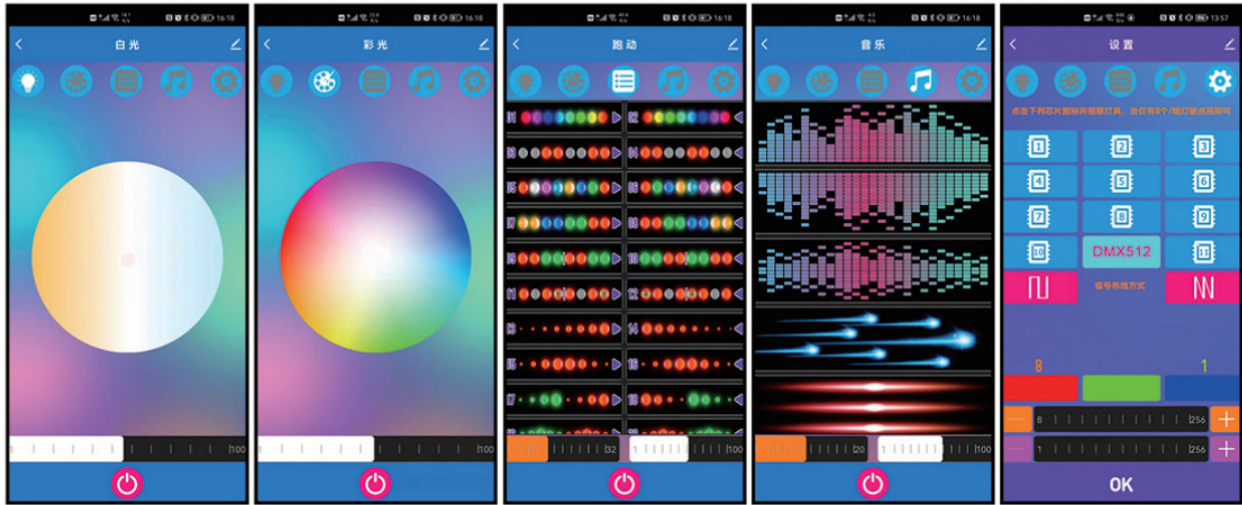
MODEL: LC2000B TYO1

Name : LED WiFi (LED WiFi Music Controller)
Model : LC2000B-TY01 (Vin): DC5-30V @ 0.6A : 8-2048: Tuya APP ： RGB 1%-100

Control Points: 8~2048
Control Mode : Tuya APP
Speed Settings: 32 Level
Sequence Settings: RGB Arbitrary setting
**Config Save:** Autosave config
Music Input: MIC/Line input
Brightness adjustment: White/Color/Dynamic /Music can be adjusted 1 %- 100% independently without affecting each other Effect :
Color temperature adjustment+Color adjustment+ Dynamic effect+Music spectrum
(MADE IN CHINA)

SK6812/W52801//W$2811/W$2812/TM 1804/TM 1804B/TM 1809 TM1812/TM 1923/TM 1934/TM 1913/TM 1926/TM 1826/TM1829/TM 1914 TM1914A/UCS1903B/UCS1903N/UCS1909B/UCS1912B/UCS2909B UCS2912B/UCS2903B/GS8205/GS8206/SM 16703/SM 16703P SM 16704P /SM 16704P 8/SM 16709P /SM 16712P/INK1002/INK1003 LX1203/LX1603/LPD8806/APA-102/P9813/P9823/P9883, (More models please view APP) •
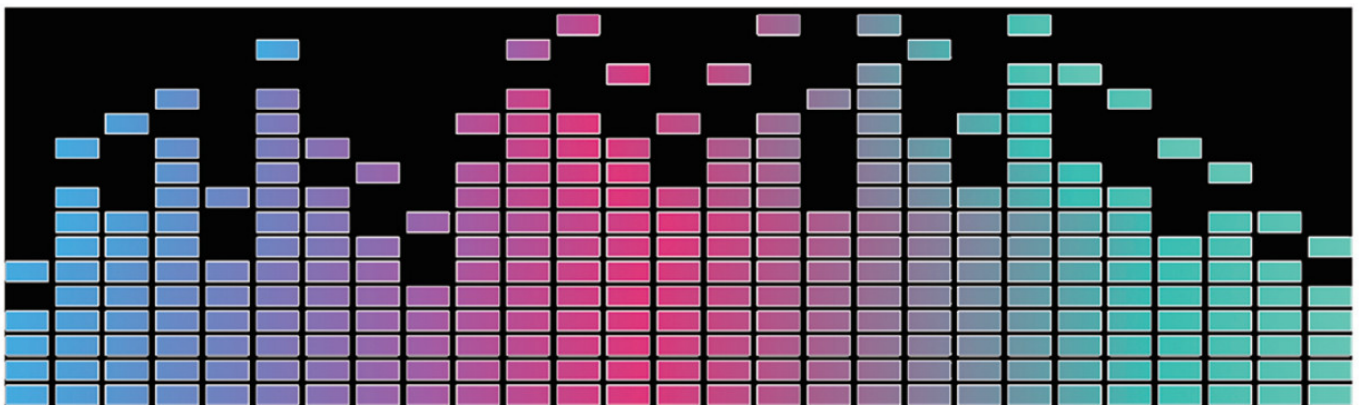
Smart Life APP Add a device
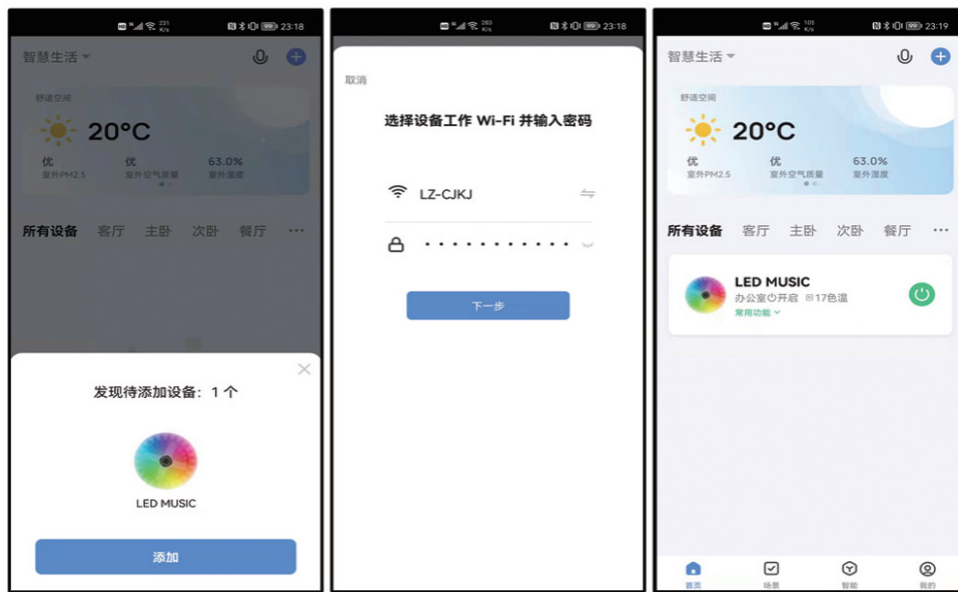
Auto discovery device   Enter WiFi password   Add device OK

White

Colour

Enter the setting interface and set the parameters according to these steps:

1. Click the icon and observe the LED, If you see 8 (Group) LEDs lights red or green, or blue is OK;
2. 2Select the signal wire routing type;
3. Adjust RGB order: Observe the urrent light color and click the corresponding RR, G, and B buttons until the LED is white);
4. Adjust LED height (5 Model: LC1000A-TY01/LC2000B-TY01) models according to your needs. and width;
5. Save settings.
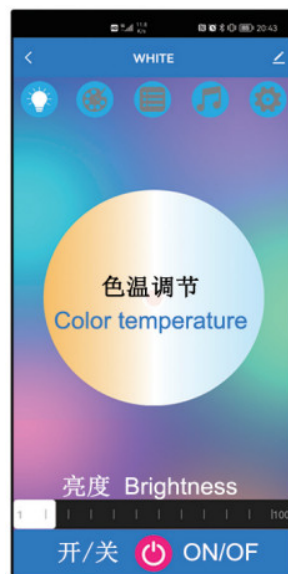
Amazon Alexa, Google Assistant Yandex Alice

Running
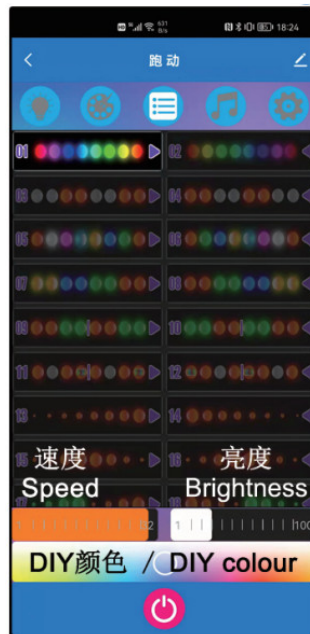
About voice control: at present, it supports AI speakers such as tmall elf, Xiaozhi housekeeper, Baidu Xiaodu, Amazon Alexa, Google assistant, and Yandex Alice (Control ON/OFF, brightness, color) AI speakers of other brands will be gra dually opened.

Note: All speakers are not necessary. You can buy corre spending brands and models according to your needs.

Contents

Foreword

Thank you for choosing this product, please read the following information carefully before installation and use.

Product description

This product is a powerful controller specially used to control the LED light bar, LED point light source, and LED pixel screen. It includes three models: LC1000A-TY01/ LC2000B-TY01.

Models	LC1000A-TY01	LC2000B-TY01
Points	8-1024	8–2048
Input voltage	DC5-30V	DC5-30V
Size (mm)	L64 x W30 x H10	L120 x W65x H24
Signal mode	TTL-DAT/CLic	TM-DAT/CLIC DMX512
Sync Type	Asynchrony	Network cable can synchronously
Music input	: — Environmental	Environmental/Line input
'Speed	32 Levels	
Sensitivity	20 Levels of MIC sensitivity	
Control Type	Tuya APP Control (Harmeny0S/Android/I0S)	
Brightness	Gradient adjustment	
RGB Settings	Arbitrary of RGB-RBG-GRB-GBR-BRG-BGR	
Effect	White + Colour + Run + Music	
Config Save	Automatic parameter saving	

(LC2000B-TYO1) Wiring diagram

Note: only one signal wire can be connected to CLK or DAT; If there are two signal wires, please press CLK and DAT identification to connect; Please connect
the LED lights of DMX512 protocol according to the identification A and B.
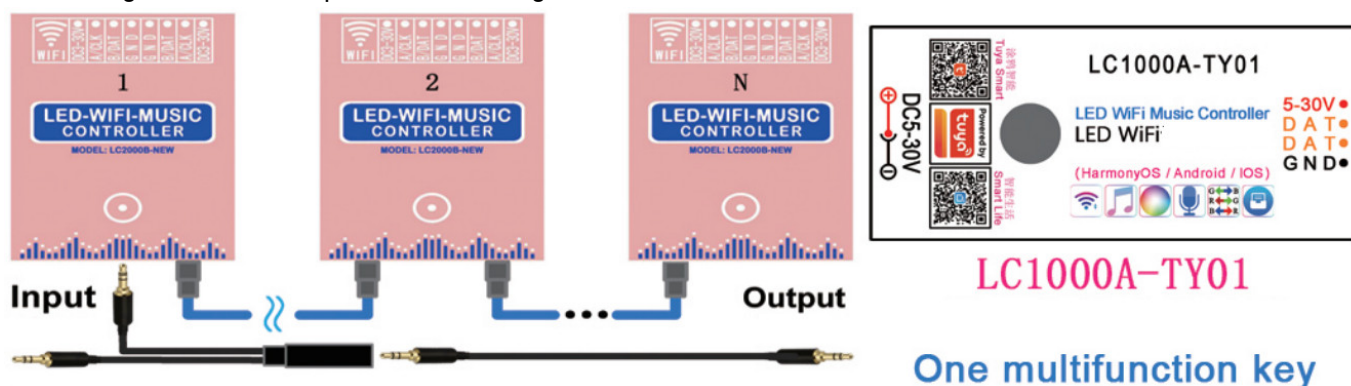
Note 1. The controller has a built-in microphone. If the audio cable is not plugged in, it is the ambient voice control. If the audio cable is plugged in, it is the line voice control automatically. 2. After cascading, the first controller automatically becomes the host, and other controllers automatically become the slave, and the WiFi hotspot of the slave disappears, and at the same time, the same data signal as the host is output to the lamp.

The above wiring diagram is only based on model "LC2000B-TY01" controller, LC1000A-TY0 1 wiring mode is

similar to this, please follow the product shell identification, refer to the above Wiring diagram is enough.LC1000A-TY01 can tum on or off the led by pressing the key or selecting the effect mode, and long press to redistribute the network.

1. This product is used with the "Tuya smart" or "Smart Life" account.

   If not registered, please register the account first;

2. This product needs to be connected to the router. Please ensure that the router can normally access the external network;

3. This product supports the control of "Tuya smart" and "Smart Life" app software. Both apps can be searched, downloaded and installed in the application market/ app store by mobile phone or tablet, or can be downloaded by scanning the corresponding QR code on the product manual or product package;

4. Distribution network operation: the controller is connected to the lamp and powered on. Power off when the LED is on, After continuous operation for 5 times, the controller will enter the distribution network state. At this time, the LED lamp will light white and breathe gradually;

   Note: LC1000A-TY01 can also enter the distribution network state by long pressing the multi-function key.

5. Start the "Tuya smart" app and log in to the account to automatically find the controller and add it.

Tuya smart APP Add device

Auto discovery device   Enter WiFi password   Add device OK
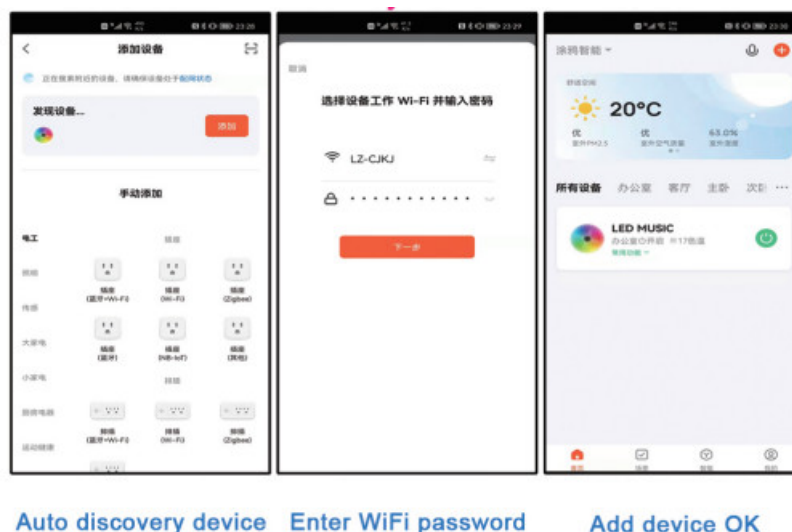
Documents / Resources

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LC2000B-TY01 LED Wifi music controller, LC2000B-TY01, LED Wifi music controller, music controller