SUPERLIGHTINGLED

Manual Instruction

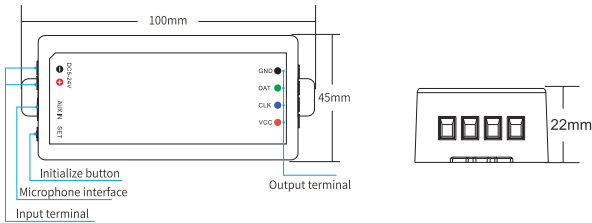## TY-Colorful-X7 WIFI LED Music Controller

1.product feature

- Doodle APP supports remote and smart speaker control.
- Support OTA online upgrade (if there is a new IC update iteration, our product will also update iteration) the more use the betterTT
- Built-in massive mode: 180 kinds of dynamic, 22 kinds of music, light screen 30 kinds of non-musical pattern effects.
- Support control light screen, light belt IC1024 points, support simple layout operation.
- Supports multiple IC chips,RGB channel sequence is adjustable. (IC support is optional within the App)
- Support lamp color switch: built-in lamp color switch function.
- DC5~24V voltage input, the power supply has anti-reverse connection function.
- It has the function of saving setting parameters after power failure.
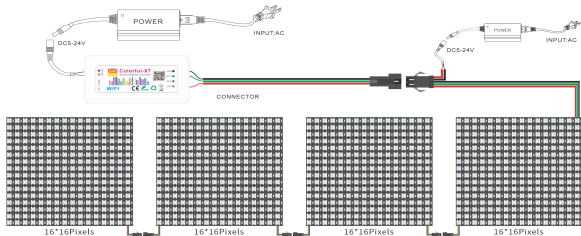
2.Technical parameter

Operating voltage	DC5-24V		
Pixel Qty Supported	1024 Pixels		
Output	SPl Signal		
Operating Current	18mA-45mA		
Operating Temperature	-20°C-60°C		
Storage Temperature	-25°C-85°C		
Lighting Modes Qty	22 of Music	180 of Dymanic	30 of PixelScreen Types
Audio Input 2 Options	Aux Cable	Build-in Mic	

3.Product structure and size

- Initialize button
- Microphone interface
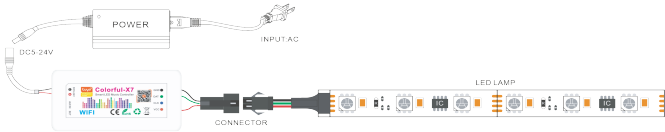- Input terminal
- Output terminal

4.Wiring diagram

(1)Light panel wiring diagram

(2)Light tape wiring diagram

5.Application download

Scan the QR code
Or search for "tuya smart" in the app store
New users need to register to log in to the APP

6.User guide

(1).Wires Connection
   Connect the Controller with Metrix-LED or LED-Strip
   Connect the Power supply accordingly to Controller or LED

(2).Login the APp of "Tuya Smart"

(3). initialize the Controller by (If is new, the Controller is in initial Mode defaultly)
   5 seconds de-press the button on the Controller. Like image #1
   The LED would be illuminated as Red Breathing if initial Mode is triggled successfully

(4).In Initial Mode, the Controller is ready to be setup into APP
   Make sure Bluetooth and WiFi are all ON in your Phone
   The Controller will be detected automatically by Bluetooth. See image #2
   (Put the Controller close to your Phone and in good WiFi Signal)

(5).After Controller is setup into App, with App we can easy manage the LED Lighting. see lmage #2 -#4
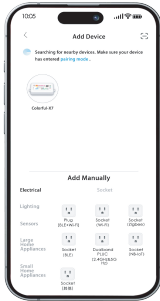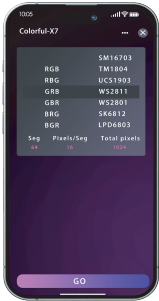

image #1

image #2   image #3   image #4

⚠ Attention:

Please turn off power to ensure safety while installing the device.Do not place the product nearby highly flammable or explosive materials.Please check whether the input voltage is in accordance with the device.Please do not use the device in the place with widely range metal area or strong electromagnetic wave nearby,otherwise the remote distance will be seriously affected.