TC600幻彩控制器

Bluetooth

产品介绍：

TC600是一款采用无线蓝牙控制的迷你全彩控制器，支持安卓、IOS APP，微信小程序多种平台，支持中/英文界面切换。适配主流TTL/SPI芯片，支持带载单色、双色、七彩、五色灯具。



产品参数：

工作电压：DC5--24V
操作方式：APP/微信小程序
尺寸大小：L58*W78*H22mm

带载灯具：TTL、PWM调光
TTL带载：600 像素点
PWM输出：8A/回路(5路总输出＜20A)

功能特点：

1、支持TTL/SPI灯具：UCS1903、WS2812、SM16703等主流芯片。
2、支持矩阵动画，动态特效，静态调色、声乐律动，自定义特效编辑。
3、灯具支持单色、双色、三色、四色、五色多种通道灯具。
4、RGBCW五路PWM输出，单路支持8A，五路总输出＜20A,超过20A时可接放大器。
5、支持TTL/SPI灯具和PWM灯具混合控制。
5、支持灯具通道配置，校正灯具通道顺序，在线制作矩阵图纸。
6、支持定时开关机、上电状态设置，OTA在线升级固件。
7、支持多台设备分组同时控制。

软件下载：

安卓APP下载

微信小程序

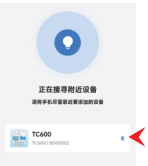
APP Store搜索：
"Bluehor灯光控制系统"
下载安装

IOS APP下载

连接设备：



第一步：
点击右上方
添加设备
进入搜索界面



第二步：
点击设备
添加设备

搜索不到设备？
1.检查设备是否通电，查看设备指示灯，是否亮起。
2.检查手机蓝牙是否打开。
3.搜索设备时，手机请尽量靠近设备。
3.第一次打开APP，会自动获取系统权限请全部选择为允许。
4.小程序需启用位置信息和蓝牙权限。

小程序启用蓝牙权限步骤：
小程序右上角编辑按钮→设置按钮→设置为“使用小程序时”
以上无法解决请进入APP查看视频教学

操作教程：

微信/浏览器扫描右侧二维码查看视频教程

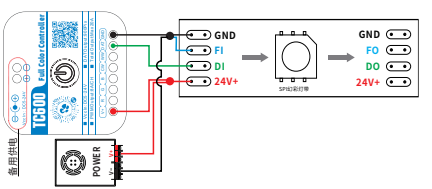
操作教程

灯具接线示意图：

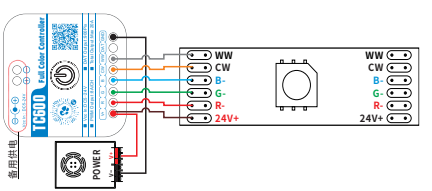
注意事项：
1、灯具线序标识及线色有差异，请以灯具实际标识为准。
2、RGBCW每路输出8A，五路同时输出总电流不超过20A。
3、TTL灯具信号线超过2米,需采用网线延长，禁止使用电线。
4、控制器无法从灯具取电，可采用备用供电口供电。

接线视频教程

TTL 灯具
单信号线灯具去掉FI副信号即可
支持DC 5-24V



五色/七彩/单色灯具
支持DC 5-24V

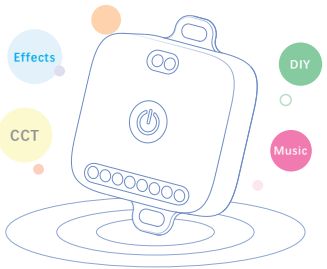


TC600 LED Controller

Bluetooth

Product Introduction:

TC600 is a mini full-color controller with wireless Bluetooth control. It supports multiple platforms including Android and IOS apps and WeChat Mini Program, with switchable Chinese/English interfaces. It is compatible with mainstream TTL/SPI chips and supports driving single-color, dual-color, seven-color, and five-color fixtures.



Specifications:

Operating Voltage:DC5--24V
Operation Mode: APP / WeChat Mini Program
Dimensions:L58*W78*H22mm

Control Protocol:TTL、PWM
TTL Output:600 Pix
PWM Output:8A/CH(5CH MAX＜20A)

Features:

1.Supports TTL/SPI fixtures: mainstream chips such as UCS1903, WS2812, SM16703...
2.Supports matrix animation, dynamic effects, static color tuning, music rhythm, and custom effect editing.
3.Supports single-color, dual-color, three-color, four-color, and five-color channel fixtures.
4.RGBCW five-channel PWM output; each channel supports 8A, total output of all five channels < 20A. When exceeding 20A, an amplifier can be connected.
5.Supports mixed control of TTL/SPI and PWM fixtures.
6.Supports fixtures channel configuration, correction of fixtures channel order, and online creation of matrix layout drawings.
7.Supports scheduled power on/off, power-on state setting, and OTA online firmware upgrades.
8.Supports grouping multiple devices for simultaneous control.

APP Download:

Download for Android

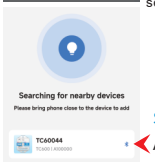
WeChat Mini Program

APP Store Search:
"Bluehor"
Download for IOS

Connect Controller:



Step 1:
Tap "Add Device" in the upper right corner to enter the search screen.



Step 2:
Add Device

Cannot find the device?
1.Check whether the device is powered on and whether the device indicator light is on.
2.Check whether Bluetooth on your phone is turned on.
3.When searching for the device, keep your phone as close to the device as possible.
4.When opening the APP for the first time, it will automatically request system permissions; please select Allow for all.
5.The Mini Program requires location and Bluetooth permissions to be enabled.

Operation Tutorial:

Use WeChat or a browser to scan the QR code on the right to view the video tutorial.

Video Tutorial

Wiring Diagram:

Video Tutorial

Notes:
1.The wiring sequence markings and wire colors of fixtures may vary; please refer to the actual markings on the fixtures.
2.Each RGBCW channel outputs 8A, and the total current of all five channels output simultaneously shall not exceed 20A.
3.If the signal cable of TTL fixtures exceeds 2 meters, use a network cable for extension; do not use electrical wire.
4.The controller cannot draw power from the fixtures; use the backup power port for power supply.

