Contest architecture

SmartCTL-BTM
BT 960 pixels matrix pixel controller
User guide

Feature
APP remote control via bluetooth
Supports almost all types of one and two-wire LED driver circuits
Supports pixel count and segment count adjustment, up to 960 pixels
18 musical pixel effects, 30 musical matrix effects and 180 non-musical effects
Can be supplied between 5 and 24V with phase inversion protection
Saving user preferences

Application
The application is available for iOS and Android.
The device on which the application will be installed must
support Bluetooth
The application requires at least iOS 10.0 or Android 4.0

On Apple Store or Google Play, search for the application named
"**LED Chord**" or use the QR code opposite.

iOS   Android

Instructions
1 - Make sure that Bluetooth is active on your device.
2 - Open the application and refresh the list of available devices by dragging down. Select the
device named "SP107E". Once logged in you will be able to rename your controller.
3 - Choose RGB order and LED type (WS2811 or 2812B)
4 - Adjust the number of pixels.
5 - Validate with Enter.

Audio input :
For music synchronization you have either the AUX IN input or the internal microphone.
- AUX IN input: Connect your audio source (MP3 player, phone, ...) using the supplied cable. The
controller then automatically switches to AUX IN mode.
- If you disconnect the cord, the controller automatically switches to the internal microphone mode.

Technical data
Working temperature	: -20°C~60°C
Working voltage	: DC 5V~24V
Working current	: 18mA~45mA
Remote distance	: 10m
Dimensions	: 85 x 45 x 22 mm
Weight	: 40g

DC 5V~24V

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BT APP Control

Pixel Ribbon

H11038