BT200 MANUAL

Model: BT200-A1

2017-12

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1. FUNCTION OVERVIEW

1. Our devices can synchronize with each other by the CDMA signal from BTS station. Therefore they can prevent them from the influence of the weather and environment which will make the devices unconnected, so that they can use in the project which has the devices being far away from each other.
2. Be with PC or MP200.
3. BT200 access BTS nearby and acquiring CDMA free signal. It is safe and reliable.

2. TECHNICAL PARAMETERS

Size:	131.5*68.5*50.5(mm)
Input voltage:	DC12V
Work power:	＜3W
Synchronization time:	In 5ms
Working temperature:	-15～60℃
Relative humidity:	≤50%RH
IP grade:	IP0 (not dustproof and not waterproof)
Working environment:	Please install under dry indoor condition, avoid any dust, moist and rain.
Weight:	N.G.380g
Accessories attached:	DC12V Adapter*1、USB line(1m)*1、800M antenna(3m)*1

3. CONNECTIOIN DIAGRAM

RJ45(T568B) UTP network cable must less than 100m. It will be 5kms with optical fiber.

Output lighting fixtures cable refer to Signal Cables Connection Notes.

Fiber Converter Connection Diagram:

4. INDICATOR LIGHT

Yellw light	1s 1 twinkle	Access the BTS correct and good signal.
	1s 2 twinkle	Weak signals.
Red light	Light	Signal check error.
	Dark	Signal check right. However it is not the basis of judging signal strength.
Green light	1s 1 twinkle	BT200 is send data to PC normally. However it is not the basis that PC/MP200 has red the port

5. APPLY AT RGBPLAYER

1. The first use it, please install driver process ftdi_ft232_drive. Finish the installation, some computer need to restart to realize the function set.
2. After restart the PC, please inspect the port of BT200 connected. (The below settings are operated in WIN7-64bit.)

1) Right click "This PC" and select "Manage" to open the "Computer Management".

2) After connect the Music controller to Computer by USB, the COM number would be found in the USB Serial Port.

3. Open RGBPlayer and click [Settins] – [Param] – [External Settins]. The BT200 port shows in [GPS Port]. (The port is automatically red by install driver.

4. Click [Play], the BTS-time shows at State Information Reminder if it access CDMA network. The Devides would be synchronization. Combine MP200, the BTS-time shows on the touch-screen when the signal over 4.

6. ATTENTIONS

1. Apply to Microsoft Windows 7, Microsoft Windows 8.
2. BT200 access BTS nearby and acquiring CDMA free signal. It is safe and reliable.
3. It only for CDMA data networks. The mobile communications should be different in each country/region. The project must be set with the actual location.
4. Please check the exception of wiring and BTS signal if the devices are out of sync.
   Devices will be sync as soon as RGBPlayer in it acquire CDMA signal. And the sync is active at a given time.

Note:
Right of revising this specification reserved.
(Please understand there will be no extra notice when change is occurred.)
The information in the manual is for reference only,
please don't regard it as guarantee of the product.