RF Wireless Cluster System Instructions

1. Assembling sending and receiving controller: Connecting outer antenna with U disk of sending and with the receiving controller; Then, connecting sending controller with 5V power and with cable; Lastly, making sure the work done of power and cable.

2. Installing sending driving

a. Installing corresponding driving according to the model of computer. Driver CP210x_Win2K_XP.exe matches with 98、2000 and XP system; Driver CP210x_Win7.exe matches with vista and win7 system

b. Installation steps: 1. Insert sending U disk to the USB port on the computer. As shown:



(Attention: If for desktop, you are supposed to insert the U disk to the USB which on the back of the computer.

2. Taking win7 as an example: Double click ^{eff} CP210x_Win7.exe¹, then pops up dialogue box, and keep clicking until the installation done

3. You need to restart your computer after the installation done. After starting up, device manager will pop up a new COM port:



3. Installing LedshowTW 2012 graphic editor software (which has been installed, click directly), click set \rightarrow set screen parameters \rightarrow password: 168 \rightarrow on the pop-up dialogue box (controlling assembles)

→ click receiving controller model → choose the COM port created by installing driving, taking 5A2&RF

as an example. As shown:

Following, operating according to the usual serial port controller, removing the screen parameters loading and then sending

4. If one sending needs received by more, you are supposed to enter the passwords 888 as to set screen number: Opening the software, click set \rightarrow set screen parameters \rightarrow passwords 888 \rightarrow add screen on the lower-left corner of the pop-up window \rightarrow plug into the power to the controllers one by one and load screen number \rightarrow enter passwords 168 to load every screen and then send. As shown:

🙀 Parameters Setting				X
Screen lst ⑦ ① 分组1 1-screen 2-Screen 4-Screen 4-Screen 6-Screen 7-Screen	Screen parameters Scar Screen Name 2-Screen Controller BX-5 Series Seriel ports COMS Width 776 Data Polarity Scan frequency Default Line blanking time Normal	Configuration GPRS S Build Address BX-SM4 Baudrate S7600 Height 120 CE Polarity Low Row order	Ettings Wiring Diagram	Main Performance BX-SM4 1.Maximum pixels: Single-color 128K dots(131072) Two-colors 64K dots(6536) 2.Display Mode: Single-color 2048*64, 1024*128 672*192, 512*2256 Two-colors 1024*64, 512*128 336*192, 256*256 3.Communication interface: 100M Network/RS232/R5485 4.Sensors: Temperature/Humidity 5.Timer support 6.Support full-screen test 7.Support infrared remote control 8.Support button function configuration 9.Support startup screen configuration
	BX-3T/3A1/3A2/3A/3M controller not supported <parameters Read-back> function.</parameters 			Quickly scan configuration Outdoor P10 (2.8) Set Scan
	Show advanced configuration functions Parameters Read-back Write parameters Close			Here only for popular configuration of three LED units for quickly scan!
The 888 permission mode, the computer allowed to connect a screen!				

Then editing the programs, choose group sending \rightarrow send, As shown:



Checking the screen you are supposed to send, then click OK

5. Notes:

1. Putting the outer antenna highly enough, as to away from the signal interference. For it helps the communication more intense

2. You are not supposed to move the receiving controller during the communication, or communication failed

3. You could only enter the passwords 168 to set the screen parameters when you choose communications with more screens, and you could not enter 888, or all the screen number will be 1, then communication failed