



SN-500 MANUAL

Version: 2.4

Model: SN-500-AVTMS-C5
SN-500-AVTGMS-C5

2019-8

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1. FUNCTION OVERVIEW

1. Support PC and SD card integrated control; work with EN-508 series controller, can switch freely between PC control and SD card control which is flexible and convenient.
2. When SN-500 works as main controller in SD card control system, the effects of sub-controller on the same link can be changed by just changing the effects in its SD card. **The SD card file cannot be renamed.**
3. Each SN-500 can control 100,000 pixel and 154 controllers.
4. Audio control, voice control, cascade, DMX512 decoding, time controller, GPS atellite sync and mobile WIFI control are optional as additional functions.
5. With professional LED Player software, users can make any effect by themselves.

2. TECHNICAL PARAMETERS

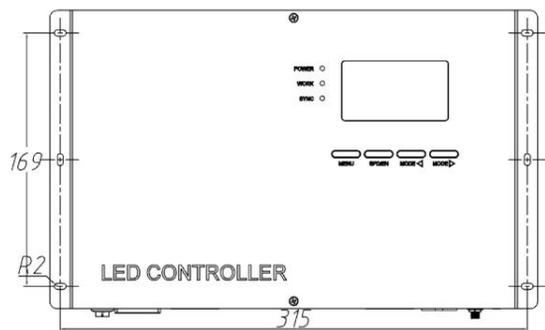
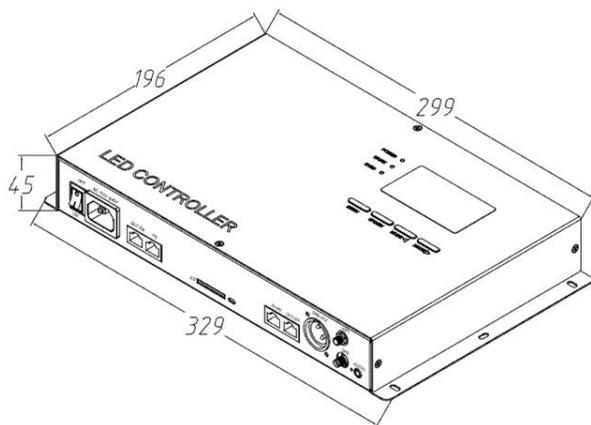
2.1 PRODUCT INFORMATION

- Cover material: Iron
- Input voltage: AC 100V - 240V
[Cascade of SN] optocoupler
- Input signal: [PC - SN, SN-EN, EN – EN] SW Ethernet Protocol
- Ethernet: RJ45 Ethernet interface
- Output control: 154 controller at most (sugust within 80).
- Work power: <5W
- Working temperature: -15°C ~ 60°C
- Relative humidity: ≤ 50% RH
- Transmission distance: Use UTP—unshielded twisted pair cable, distance between the controllers can be 100m.
Please use the other program if the distance of SN cascade over 100m.
For further distance of SW Ethernet Protocol, fiber converter can be used and the distance can reach 5 km.

- IP grade: IP0 (not dustproof and not waterproof)
- Working environment: Please install under dry indoor condition, avoid any dust, moist and rain.
- Net weight: 1750g

- Accessories attached:  x1,  x1,  x1

- Fittings for additional functions:  (1m)x1,  (1m/cascade)x1,  (2m)x1
- Size: Unit mm



2.2 ERROR CODE

Explanation of controller error:

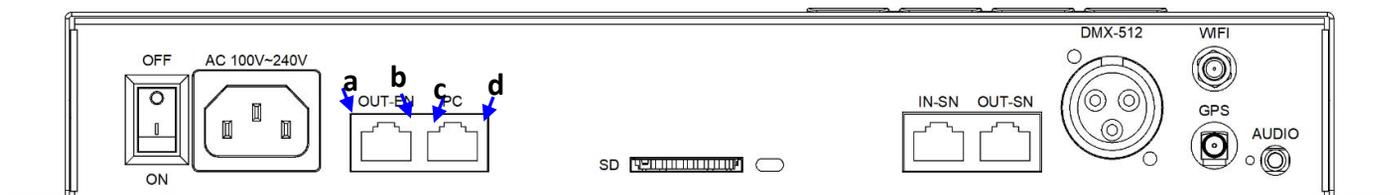
Error	Introduction	Reason
ER01	No SD card	Poor seat connection. / No SD card.
ER02	SD card no response	Card is broken. / Card doesn't support read sequentially.
ER03	Cannot reset SD card	Card is broken. / Card doesn't support read sequentially.
ER04	Cannot activate SD card	Card is broken. / Card doesn't support read sequentially.
ER05	Cannot read SD card	Cannot read part of the card. / Bad connection.
ER06	Cannot find feature code	Card is unformatted. / No files.
ER07	SD card file sequence doesn't match the controller	SD card file error. / Unfinished video synthesis.
ER09	Control sequence doesn't match file sequence	Player setting does not match the cover number.
ER10	Wrong password	Input wrong password.
ER11	UID does not match	UID on main controller does not match the one on slave controller in cascade.
ER12	UID error in config file	UID on config file does not match the one on controller.
ER13	Controller is not fully unlocked	When controller is reading config file, it is not fully unlocked.
ER14	UID error on SD card	UID on SD card does not match the one on controller.

2.3 LOAD EN CAPACITY OF SN

Speed of SN	Frame	QTY' load EN		The pixels of each En port (Unit:pixel)			
		EN-402	EN-508 EN-408	Single channel	Double channel	3 channels	4 channels
2	50fps	32	8	within 1006	within 503	within 335	within 251
3	33fps	52	13				
4	25fps	76	19				
5	20fps	96	24				
6	17fps	120	30				
7	14fps	140	35				
2	50fps	16	4				
3	33fps	24	6				
4	25fps	36	9				
5	20fps	48	12				
6	17fps	60	15				
7	14fps	68	17	2013-3018	1007-1509	671-1006	504-754
2	50fps	8	2				
3	33fps	16	4				
4	25fps	24	6				
5	20fps	32	8				
6	17fps	40	10	3019-3840	1510-1920	1007-1280	755-960
7	14fps	44	11				
2	50fps	8	2				
3	33fps	12	3				
4	25fps	16	4				
5	20fps	24	6				
6	17fps	28	7				
7	14fps	32	8				

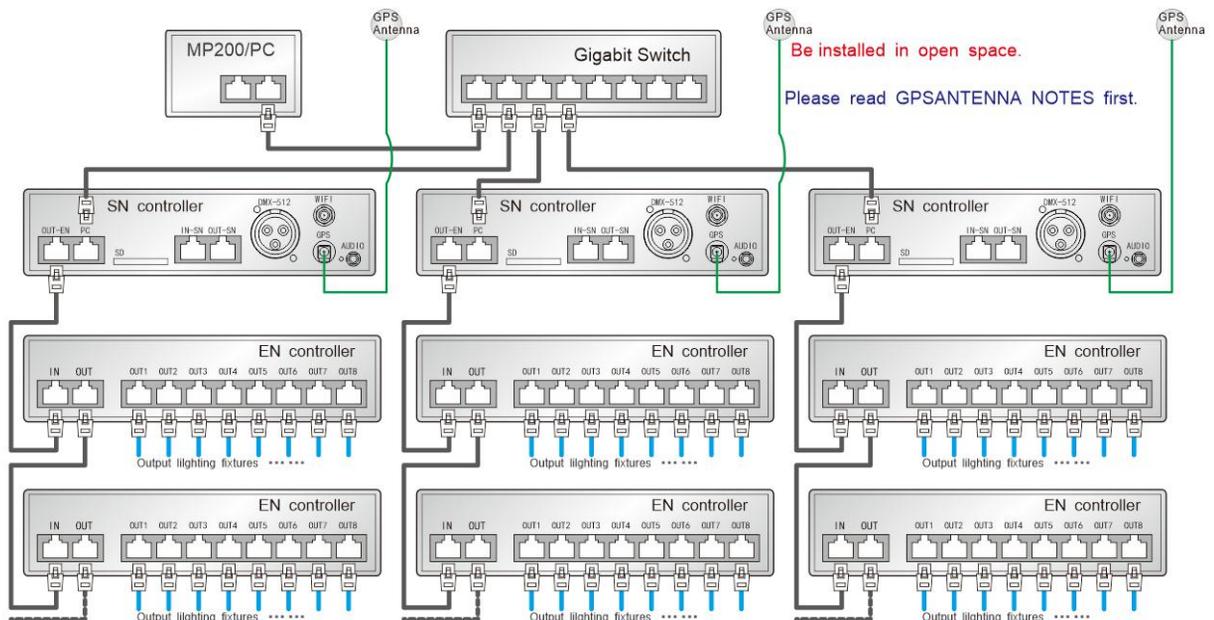
3. CONNECTION MODE

3.1 INPUT INSTRUCTION



Port	Function description	Note
Signal indicator	a. Heartbeat light of system, twinkle 1 time in 1 second. b. Data light of SN, it is twinkling with the data output to EN controller. c. Neglect. d. Data light of PC, it is twinkling with receiving the Pdata.	
SD	SD card deck (input the SD card when the controller at work). The yellow light at left shines while the controller is working online. The yellow light at right shines while the controller is working offline.	
OUT-EN	In PC control system or SD card control system, connect with input port (IN) of EN-508 sub-controller.	ALL the cables at both ends of the network are T568B.
PC	In PC control system, connect to PC wired network cable port in series. "PC" network cable port is not used in SD card control system.	
IN-SN/OUT-SN	Input / output of cascade.	
DMX-512	Accessing and be controlled by DMX512 console.	
GPS	GPS antenna interface. (Optional function.)	
WIFI	Wifi antenna interface. (Optional function.)	
AUDIO	Audio cable interface. (Optional function.)	

3.2 GPS CONNECTION AND NOTES



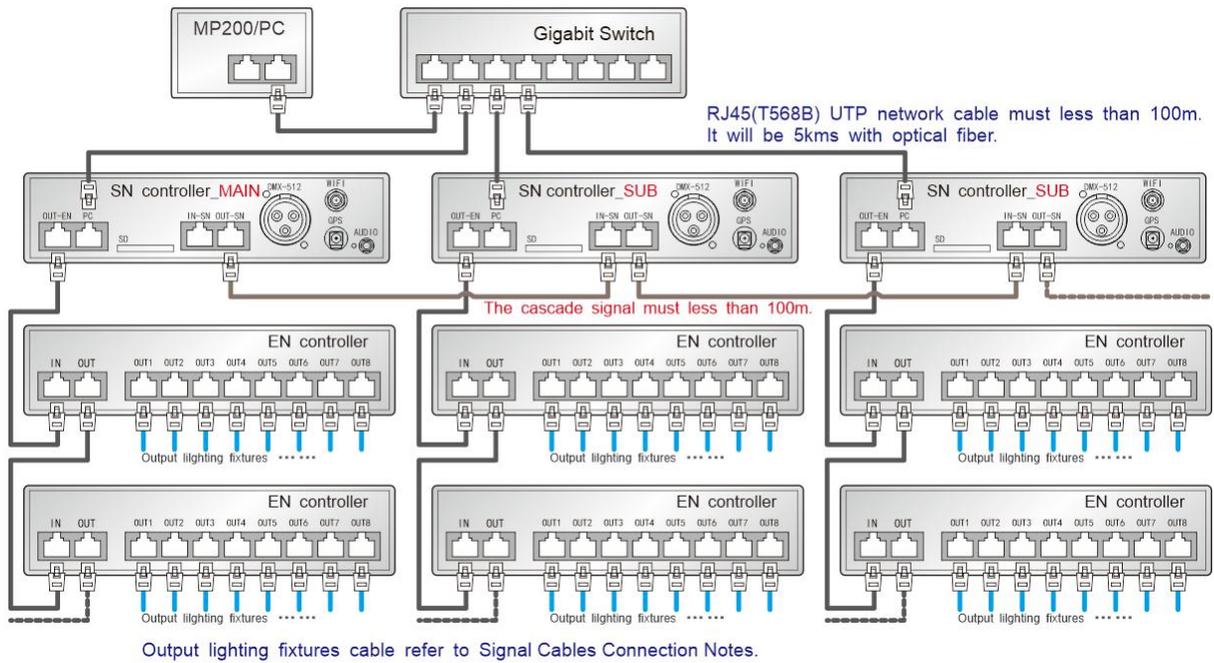
RJ45(T568B) UTP network cable must less than 100m. It will be 5kms with optical fiber.
Output lighting fixtures cable refer to Signal Cables Connection Notes.

2m GPS antenna is provided. User can also purchase GPS marine antenna with standard SMA interface according to on-site engineering requirement. The longer the antenna is, the larger the difficulty of searching satellite will be.

Notes:

- a) GPS Antenna should be installed in open space to guarantee view angle within 30 degree, there is no big shades (such as trees, iron towers, buildings etc.). GPS Antenna should be more than 2m away from the metal objects which size is bigger than 20cm.
- b) For the satellite appears on the equator more than other places, in the North Hemisphere, you'd better put the GPS antenna south of the installation place.
- c) Please don't put GPS antenna around other transmitting and receiving equipment to avoid other transmitting antenna direction point to GPS antenna. Please keep them 2m away with each other.

3.3 CASCADE CONNECTION



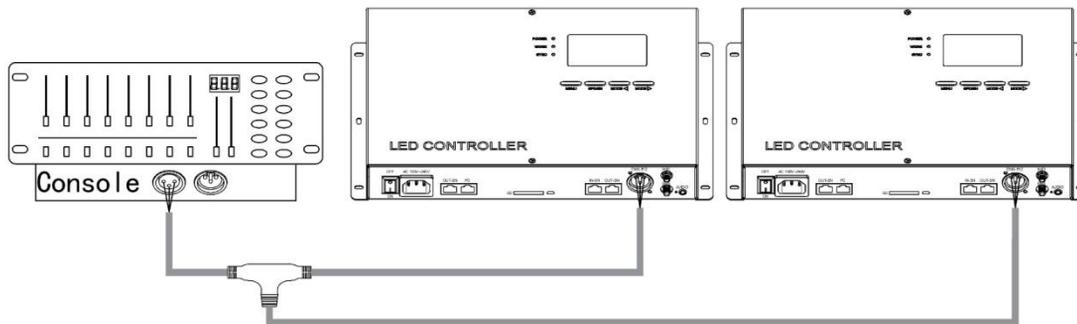
3.4 DMX CONNECTION

User can adjust the effect, speed and brightness by DMX512 control console.

Connection:

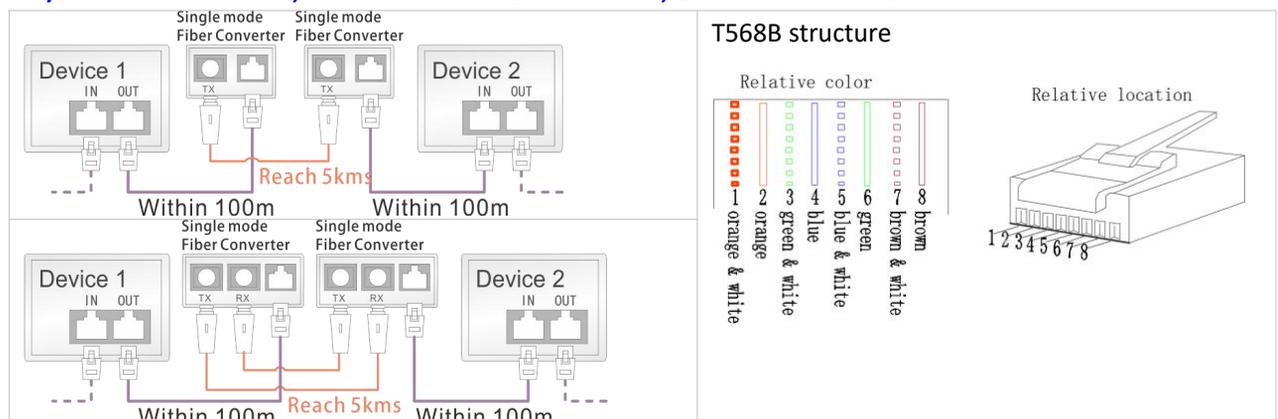
P1 = GND; P2 = D-/B; P3 = D+/A

Operation refer to the "DMX512 DECODING" section.



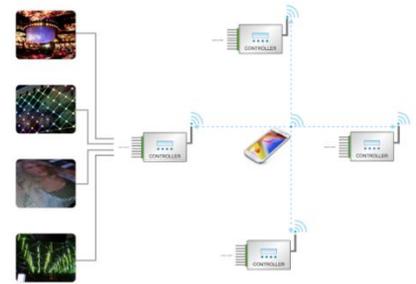
3.5 FIBER CONVERTER CONNECTION

It must use single mode transceivers. Customer can use single fiber or double fiber according to the site conditions. The dual fiber transceiver must be connected to two optical fibers. **It can be used in the position of MP/PC and SN controller, SN controller and EN controller, EN controller and EN controller.**



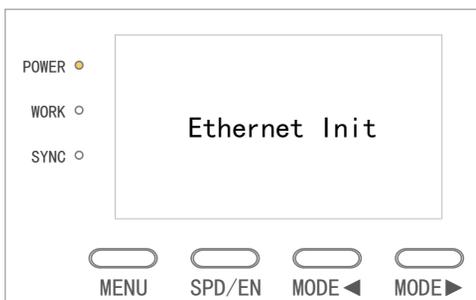
3.6 WIFI ANTENNA NOTES

- a) Please try to keep WIFI Antenna perpendicular to the floor.
- b) Wall, glass and interval would reduce WIFI signal rapidly during transmission. Besides, external electromagnetic interference (EMI) could lead to signal interruption, short transmission distance, failed connection and related problems. Therefore, the distance between mobile phone and WIFI antenna cannot be too long which should be less than 30m without blocks.
(Estimate strength of WIFI signal according to WIFI signal bar on the controller.)
- c) Controller can only be controlled by ONE mobile APP. Also, one mobile APP can only control ONE controller.

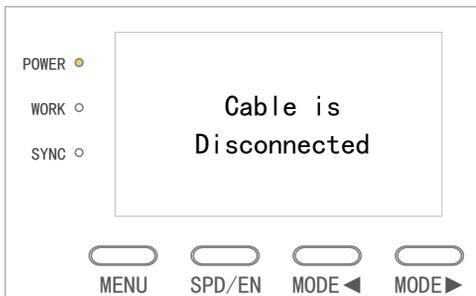


4. BASIC OPERATION

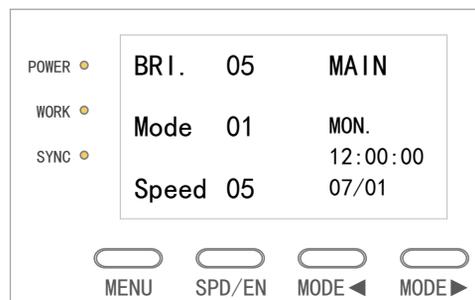
4.1 STARTUP



Check the Ethernet.



Without the EN controllers.



SN-500 controller within the EN controllers.

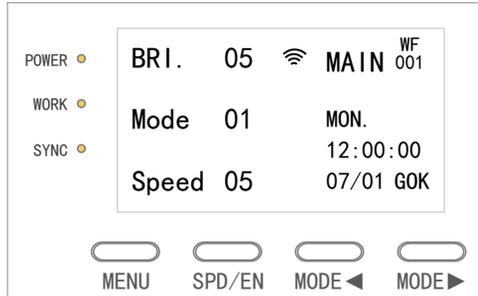
★ Make sure the controllers are connecting by rule and line. There are exact SD card file in SD card. **It cannot rename the SD card file.**

Indicator	Instruction
POWER	Power on lights.
WORK	Flicker is in normal working state.
SYNC	Flicker when it normally transfer signal data. Otherwise, there is no signal or abnormal working.

4.2 BUTTONS

Button	Operation	Explanation
MENU	Short press	Switch PICTURE, SPECTRUM-AUDIO, SPECTRUM-VOICE.
	Long press	Enter/exit the "parameter setting" interface.
SPD/EN	Short press	Set the effect speed and save the parameter Settings.
MODE ◀	Short press	Decrement, suitable for changing effect and setting parameters.
	Long press	Quickly decrement the value of the effect/parameter.
MODE ▶	Short press	Increment, suitable for changing effect and setting parameters.
	Long press	Quickly increment the value of the effect/parameter.

4.3 INTERFACE INTRODUCTION



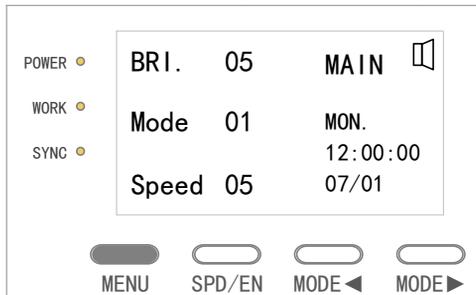
The control box does not support/enable the function, the interface does not display.

Display	Explanation
BRI.	Current brightness of controller output.
Mode/	Current display effect.
Speed	Current display speed.
MAIN	Main control.
MON. 12:00:00 07/01	Current setting date and time.
☰	Controller is connected with mobile APP.
WF 001	Enter WIFI control. (001 is the N th list.)
G OK	Signal of searched GPS satellite. ER: no GPS information detected. NG: no signal. OK: The effects have been Sync.

4.4 CONTROL SETTING

4.4.1 CONTROL MODE SWITCHING

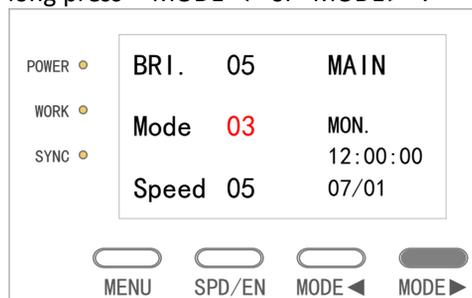
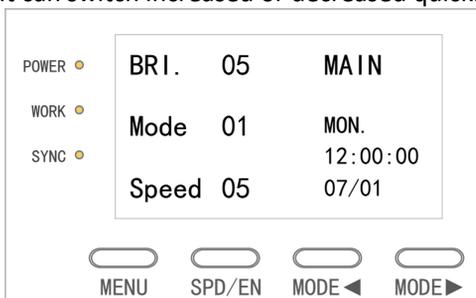
Press "MENU" button, select PICTURE, SPECTRUM-AUDIO, SPECTRUM-VOICE.



Mode	Icon	Explanation
Picture	Mode **	Total 96 effects. (The music effect is within 40.)
Spectrum-voice	Mode ** + 🗣️	
Spectrum-audio	Mode ** + 🎵	
/	/	
/	/	

4.4.2 EFFECT SWITCHING

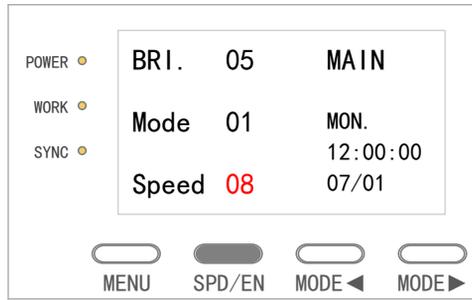
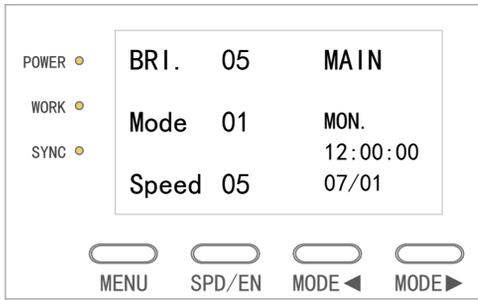
Press "MODE◀" and "MODE▶" to select effects. And the effect is changed from multi-loop to single-loop. It can switch increased or decreased quickly with long press "MODE◀" or "MODE▶".



4.4.3 SPEED SELECTION

Press button "SPD/EN" on control panel to select play speed, the less the rate, the quicker the speed.

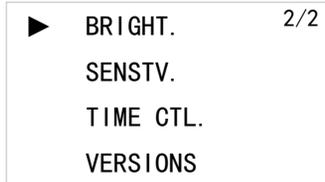
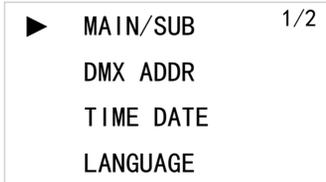
Parameters	Speed															
	03	04	05	06	07	08	09	10	11	12	15	20	30	50	80	99
Interface	30	40	50	60	70	80	90	100	110	120	150	200	300	500	1000	2000
Frame Rate(ms) (fps)	33	25	20	17	14	13	11	10	9	8	7	5	3	2	1	0.5



4.5 MENU SETTING

Long press "MENU" enter/exit "MENU SETTING".

Press "MODE ◀" and "MODE ▶" to select function. Press "SPD/EN" to confirm.



First Menu	Second Menu	Explanation														
MAIN/SUB	MAIN/SUB	Set main control or sub control.														
DMX ADDR	DMX ADDRESS ***	Press "MODE ◀" and "MODE ▶" to set the address data(1-504).														
TIME DATE	MONDAY 12:00 2019/07/01	Set the time. Press "MODE ◀" / "MODE ▶" to set data and "SPD/EN" to confirm. The controller with GPS/BTS function cannot change.														
LANGUAGE	English/Chinese	Set the language.														
BRIGHT.	Brightness **	Set the lightings brightness. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Data</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Brightness</td> <td>0%</td> <td>6.25%</td> <td>12.5%</td> <td>25%</td> <td>50%</td> <td>100%</td> </tr> </tbody> </table>	Data	0	1	2	3	4	5	Brightness	0%	6.25%	12.5%	25%	50%	100%
Data	0	1	2	3	4	5										
Brightness	0%	6.25%	12.5%	25%	50%	100%										
SENSTV.	Sensitivit **	Set the sensitivity in voice/audio control. <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Data</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Grade</td> <td>Dull</td> <td><</td> <td>normal</td> <td><</td> <td></td> <td>Sensitive</td> </tr> </tbody> </table>	Data	0	1	2	3	4	5	Grade	Dull	<	normal	<		Sensitive
Data	0	1	2	3	4	5										
Grade	Dull	<	normal	<		Sensitive										
TIME CTL.	WIFI_CTL SD_CTL OFF	Set the time control. The wifi control only is valid in APP control.														
VERSIONS	Versions *****	Get the information of the current version.														

5. ADDITIONAL FUNCTION

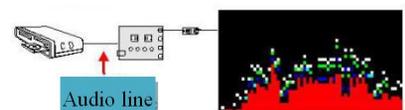
5.1 AUDIO & VOICE CONTROL

It includes audio and voice control function. It only use one control mode.

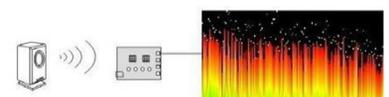
Press "MENU" to transfer voice control or audio control. The effect of the two controls is same. Voice control and audio control quantity can be changed according client's needs.

Please ensure there are .YEL/.YIN (spectrum) or .mel/.min (autokinetic) format effects in the software before merging files in SD card. Otherwise the audio/voice control will be unavailable.

Audio When the controller is power off, plug one end of audio line into AUDIO port, and plug the other end into music player. Then switch on the power of controller and music player. Ensure the status is "Audio control".



Voice Controller with built-in microphone, put the controller near voice equipment and make the voice clear. Manually adjust to voice mode.



5.2 CASCADE CONTROL

The project must be controlled by multiple controller. It connects Main controller with slave controllers by cables to make the whole project synchronization.

1. In the MAIN/SUB interface, Press "MODE ◀" and "MODE ▶" to set "SUB" control. Change "SUB" into "MAIN" at the end to set as main controller.
2. Then two controller are connected by UTP CAT5e. Connection refer to the "CASCADE CONNECTION" section.

The screenshot shows the LED Player (2017) interface. The top part displays the MAIN/SUB control interface with buttons for MENU, SPD/EN, MODE ◀, and MODE ▶. Below it, the SD-Card Control Settings window is open, showing the following settings:

- SN-Controller in Total: 3
- Output Control: Quantity of EN-Controller
- SN Controller list:

Index 1	ID 1	ID 2	ID 3	ID 4	ID 5
Index 2	ID 6	ID 7	ID 8	ID 9	ID 10
Index 3	ID 11	ID 12	ID 13	ID 14	ID 15
	ID 16	ID 17	ID 18	ID 19	

Annotations in the image include:

1. Click "SD-card Control" to pop up "SD-card Control Settings" window.
2. Set the number of SN controller.
3. Select the SN controller.
4. Set the number of EN-Controller that an SN master controller can be controlled, press "Save" when finish.
5. "Output"- "SD-card" file-"SD-Copy" operations, save the SD.bin file into corresponding SD card.

Note: If all SN controllers use the same SD.BIN file, then no need to set this. Just follow "Output"- "SD-card"- "SD-Copy".

5.3 DMX512 DECODING

User can adjust the effect, speed and brightness by DMX512 control console.

The same or different addresses can be set in the controller, so that DMX512 control console is able to control several controllers with same or different effects. *The actual effect is determined by SD card and mode selection of the controller.* Connection refer to the "DMX CONNECTION" section.

Press "MODE ◀" and "MODE ▶" to set address data.

Formula of address setting: $(N-1) * 8 + 1$. N represents the Nth controller.

Press "SPD/EN" to confirm.



Introduction of Push Rod of DMX Control Console:

Chan- nel	01		02		03		04		05		06	07		08	
	Seneitivity		Speed		Control Mode		Effect		Effect			Sync		Brightness	
	Set	Range	Set	Range	Set	Range	Set	Range	Set	Range		Set	Range	Set	Range
Prdiction of Push Road	05	215-255	99	240-255	Dym-audio	204-255	90	225-255	09	225-255	/	AC	128-255	05	215-255
			80	224-239			80	200-224	08	200-224				04	172-214
	04	172-214	50	208-223	Dym-voice	153-203	70	175-199	07	175-199				03	129-171
			30	192-207			60	150-174	06	150-174					
	03	129-171	20	176-191	Spe-audio	102-152	50	125-149	05	125-149				02	86-128
			15	160-175			40	100-124	04	100-124					
	02	86-128	11	128-143	Spe-voice	51-101	30	75-99	03	75-99		01	43-85		
			10	112-127			20	50-74	02	50-74					
	01	43-85	9	96-111	Picture	0-50	10	25-49	01	25-49		00	0-42		
			8	80-95			00	0-24	00	0-24					
	00	0-42	7	64-79	DC	0-127	00	0-24	00	0-24					
			6	48-63											
			5	32-47											
			4	16-31											
			3	0-15											

5.4 WIFI COTROL

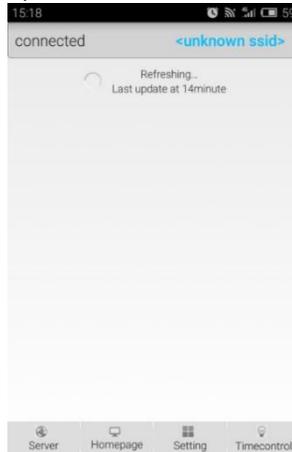
It will set the effect and speed by APP when the controller connect WIFI. The operation please refer to WIFI MOBILE APP USER MANUAL.

Connect the WIFI antenna to the controller, and power on. Connect the app and controller through wireless network. The operation below.

1) Press to open .



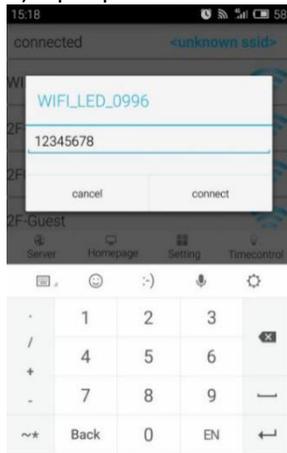
2) Refresh "Server" list.



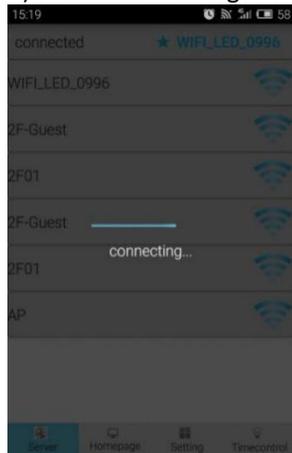
3) Find WIFI account.



4) Input password.



5) Show "connecting" status.



6) Successfully connected.



User can set the WIFI account and password. The operation please refer to WIFI MOBILE APP USER MANUAL.



- When APP successfully connects with controller, APP shows the prompt “It is connected” and the account of WIFI connected will show in the top right corner. The icon ★ indicates the successful connection. In the meantime, “📶” will show in the controller.
- When a mobile is connected, the others will not be able to connect again and the APP will show “disconnected”.
- When the APP cannot connect with controller through WIFI, all the functions in APP will be disabled. It shows the error prompt “Please connect to WIFI first” if press the other menu.
- The connection between APP and controller will automatically disconnect if there is not any operation within 5 minutes. However, the lighting fixture will continue the status as it works before WIFI disconnects. It shows the error prompt “Please connect to WIFI first” if press the other menu. Please manually re-connect APP with controller if would like to use phone to control the controller.
- If fail to connect, please completely exit the APP and open it again (must exit in the background as well).

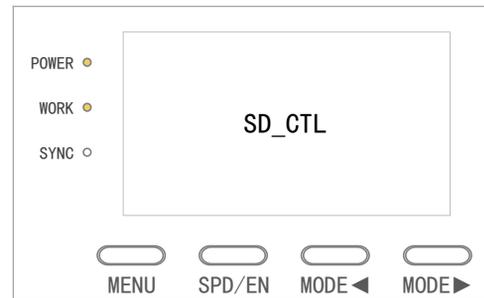
	<p>BRI. 05 📶 MAIN ^{WF} 001 Mode 01 MON. 12:00:00 Speed 05 06/01 GOK</p>
<p>Mobile APP well connects with controller</p>	
	<p>Connected by the other user</p>
	<p>WIFI disconnected</p>

5.5 TIME CONTROL

It has time control function. After enabling time control, the specified effect can be triggered within a specified time.

Enter "parameter setting" - "time control function" to enable. **Maximum time control lists of player can be 100, and maximum 10 pcs of effects can be set in each list.**

PS: This function only applies to pattern effects.



Mode	Description	Shows
SD_CTL	The lighting is black while waiting. The controller will switch to corresponding effect mode when it reaches the time set. (The mode buttons are disabled.)	
WIFI_CTL	The lighting is black while waiting. The controller will switch to corresponding effect mode when it reaches the time set. (The mode buttons are disabled.)	

Mode	Description	Shows									
OFF	Manually set the off time control state, the recovery is controllable.	<table border="1"> <tr> <td>BRI.</td> <td>05</td> <td>MAIN</td> </tr> <tr> <td>Mode</td> <td>01</td> <td>MON. 12:00:00</td> </tr> <tr> <td>Speed</td> <td>05</td> <td>07/01 G0K</td> </tr> </table>	BRI.	05	MAIN	Mode	01	MON. 12:00:00	Speed	05	07/01 G0K
BRI.	05	MAIN									
Mode	01	MON. 12:00:00									
Speed	05	07/01 G0K									

★ Please download the latest version of time control software. For any question, please don't hesitate to contact with us.

5.6 REMOTE CONTROL

There is build-in remote control module. It can send wireless signal within 5-15m control distance. Speed and mode can be changed by remote controller. The remote control will be unavailable if the number in remote controller does not correspond to the one in remote control module of controller.

"Menu": Switch PICTURE, DYNAMIC-AUDIO, DYNAMIC-VOICE, SPECTRUM-AUDIO, SPECTRUM-VOICE.

"Speed": Short press, speed increase 1.
Long press, effect increasing rapidly.

"MODE ◀": Short press, effect decrease 1.
Long press, effect decline rapidly.

"MODE ▶": Short press, effect increase 1.
Long press, effect increasing rapidly.



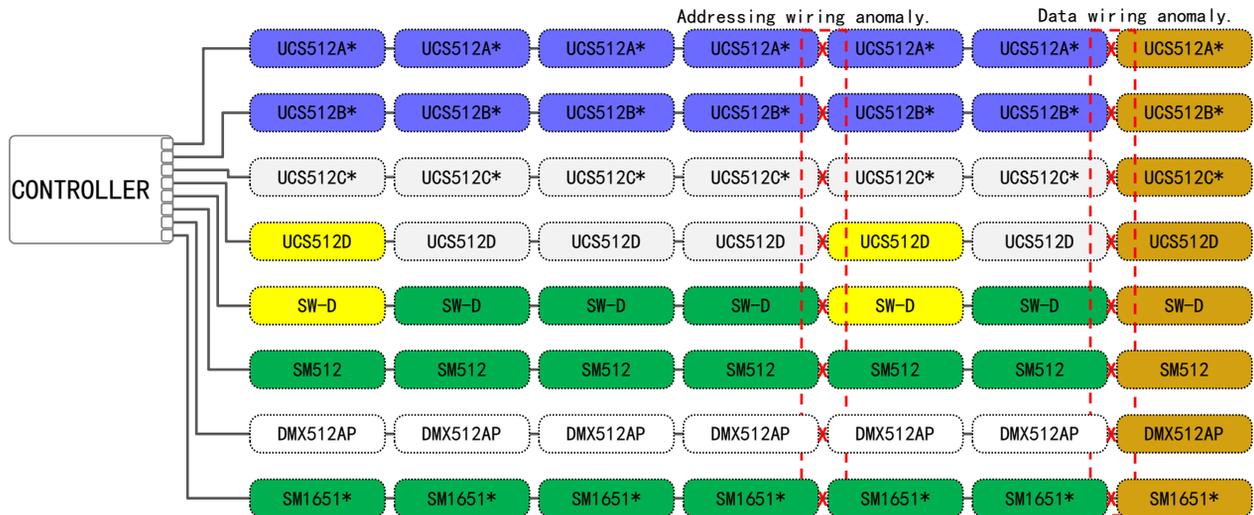
6. ADDRESSING

6.1 SUPPORT

Chip	Adress	Custom Channel	Write parameters			
			Unsignaled State	Power-on Setting	Electricity	Transpond
UCS512A	√	×	×	×	×	×
UCS512B	√	×	×	×	×	×
UCS512C0	√	×	×	×	×	×
UCS512C4	√	×	×	G-25%	×	×
DMX512AP	√	×	×	×	×	×
SM16512	√	×	×	G-25%	×	×
SM16511	√ (SM16512)	×	×	×	×	×
SW-D	√	×	×	×	×	×

※ The controller will write default values.

6.2 SUCCESSFUL ADDRESSING



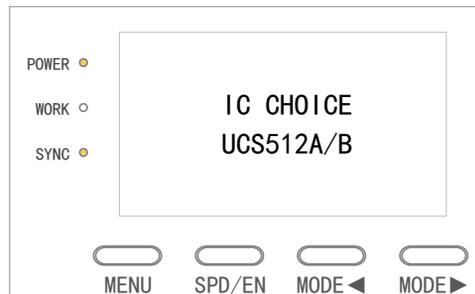
Note,

1. It would light the random color if the wrong connection.
2. Please use the check function to check the lighting fixture's address.
3. SM1751* only light color for 2 seconds after successful address, namely jump to [power on self-check color].
SM1752* only light color for 4 seconds after successful address, namely jump to [power on self-check color].

6.3 ADDRESSING BY SD CARD

For addressing operations please refer to following example. (The whole process should be conducted with plugging card.)

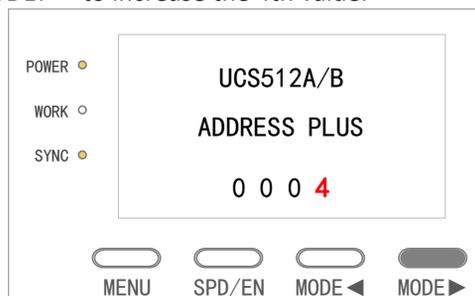
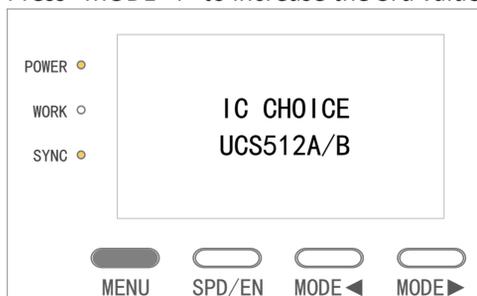
- 1) Long press "MODE◀" and "MODE▶" together, press power switch and don't release the button until the screen shows IC CHOICE ***.



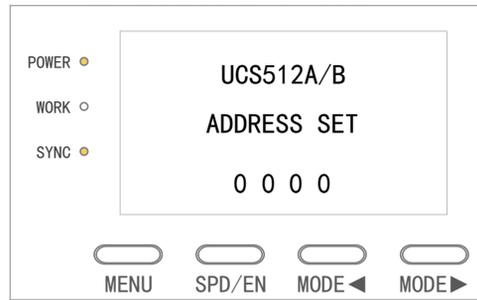
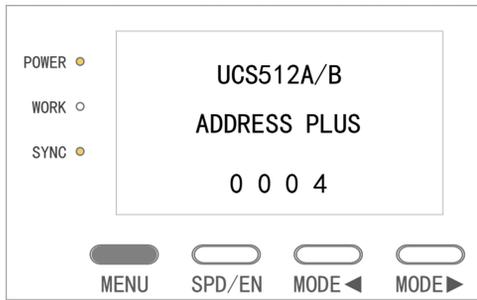
Addressing mode must be consistent with lighting fixture, otherwise the addressing will be invalid.

☺ Press "MODE◀" and "MODE▶" can change the type of chip.

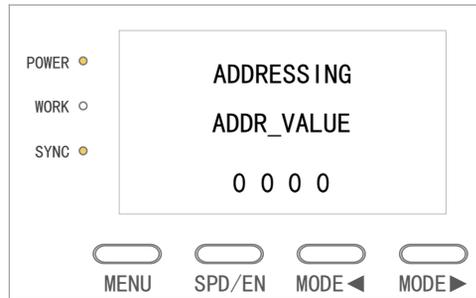
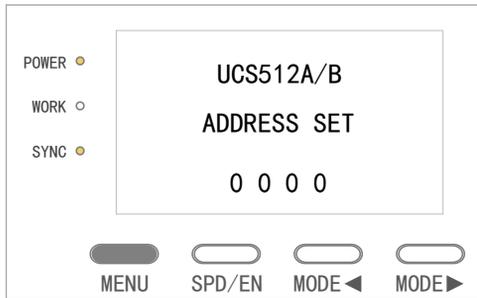
- 2) Long press "MENU" to enter the *** ADDRESS PLUS 0003. It's the status of entering address. (It will memorize previous address plus data.) "0003" means need to enter the number of channels in single chip.
Press "MENU" to increase the 1st value. Press "SPD/EN" to increase the 2nd value.
Press "MODE◀" to increase the 3rd value. Press "MODE▶" to increase the 4th value.



- 3) Long press “MENU” to enter the *** ADDRESS SET 0 0 0 0. It’s the status of entering address value. (It will memorize previous data.) “0000” means entering “Automatic” addressing.
 Press “MENU” to increase the 1st value. Press “SPD/EN” to increase the 2nd value.
 Press “MODE ◀” to increase the 3rd value. Press “MODE ▶” to increase the 4th value

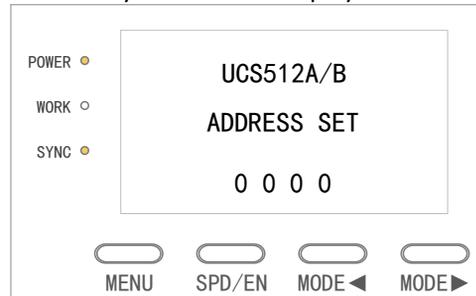


- 4) Long press “MENU” and the screen shows ADDRESSING ADDR_VALUE 0000. Then the data is sent out by controller.



✂ The buttons are useless for sending the address.

- 5) The screen displays Sent Complete when it is sent out successfully. And then it displays the address set before.



✂ When DMX lighting fixture is addressed successfully, the lighting fixture will be the particular light. Refer to the “SUCCESSFUL ADDRESSING” section.

- 6) It has memory function that only needs to set the address once. When the controller and lamp are power on again, controller enters normal control mode and the lamp plays effect properly.

6.4 ADDRESSING ON-LINE

It can intelligent address the DMX lighting fixtures

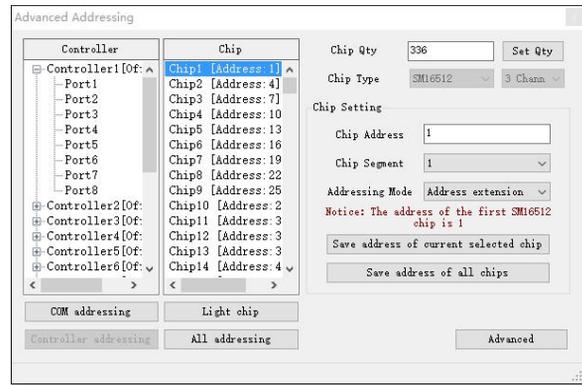
ENTER-IN ADDRESSING

Click “Addressing” of “Tools” in LED Player.

The screenshot shows the LED Player software interface. The 'Advanced Addressing' window is open, displaying a tree view of controllers and ports. The 'Chip' column is selected, showing a list of chips with their addresses. The 'Chip Qty' is set to 306. The 'Chip Address' is set to 1. The 'Chip Segment' is set to 1. The 'Addressing Mode' is set to 'Address extension'. The 'Save address of current selected chip' button is highlighted.

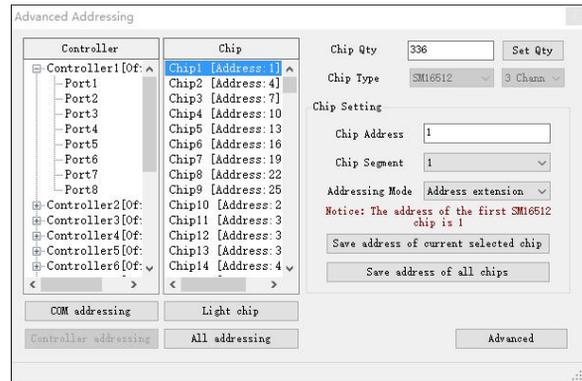
THE HARDWARE INFORMATION

Controller: It shows the number of controllers in the project automatically.
 [Online] is that the controllers connection work.
 [Offline] is that the controllers connection close. It cannot address the lighting fixture.
 If the controller output control another lighting fixtures except DMX series, it shows taboo. It can be modified in SETUP.
Chip: It shows the number/address of ships.



SETUP THE CHIPS/ADDRESSING

Chip Qty: It reads the settingup while first be used. It can be set manually and click Set Qty to save.
Chip Type: It reads the settingup while first be used. It can be modified in SETUP.
Chip Address: It can be set the address of the select chip, and click Save.
Chip Segment: It can be set the pixel of the select chip, and click Save.
Addressing Mode: None, Address extension, Use the same address.
None It only saves the address of the selected chip. And the others will not changed.
Address Extension It only saves the address of the selected chip. And the others will be extended.
Use The Same Address It saves the same address of all chips.
Save Address of Current Selected Chip: Click and save the address of the selected chip.
Save Address of All Chips: Click and save all chips. The each chips' address will change by the address setting and the segment setting.



SETUP THE CHIPS DATA

Advanced: If the controller output control UCS512C4 or SM16512, It will be set up the Power-on brightness.



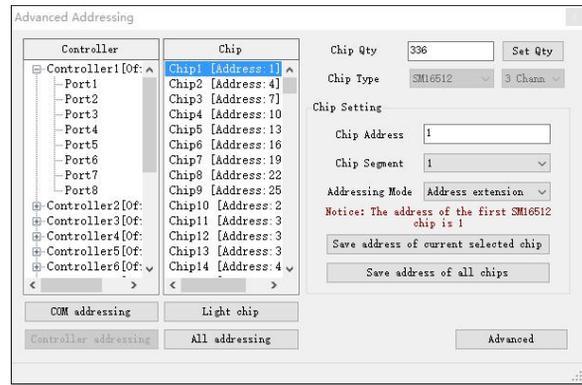
ADDRESSING

Com Addressing: It will be used by the selected port. Click it and the lighting fixtures in the selected port will be addressed.

Controller Addressing: It will be used by the selected controller. Click it and the lighting fixtures in the selected controller will be addressed.

All Addressing: Click it and the all lighting fixtures will be addressed. (The offline controller cannot address.)

Light Chip: Click it and light up the selected chip. Please make sure the address of chips in LED Player are same with the lighting fixtures’.

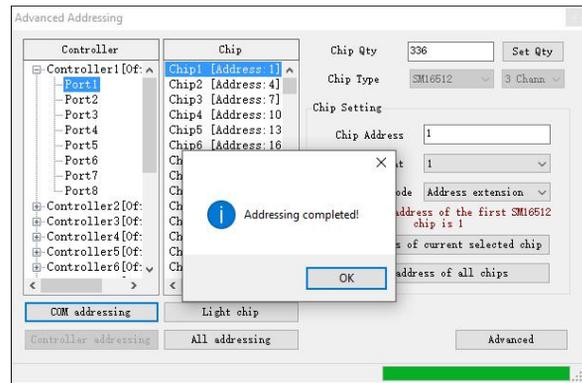


LED Player shows the progress bar in the lower right corner.

It shows “Addressing completed!” when all the EN-508 controller receive the addressing data.

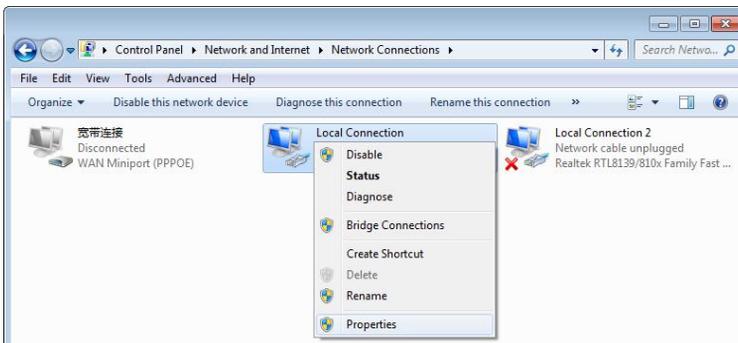
It is not the lighting fixtures addressing correct. The addressing successful is according to the light corlor.

UCS512C4 and SM16512 shows the power-on light corlor after the addressing successful light corlor.

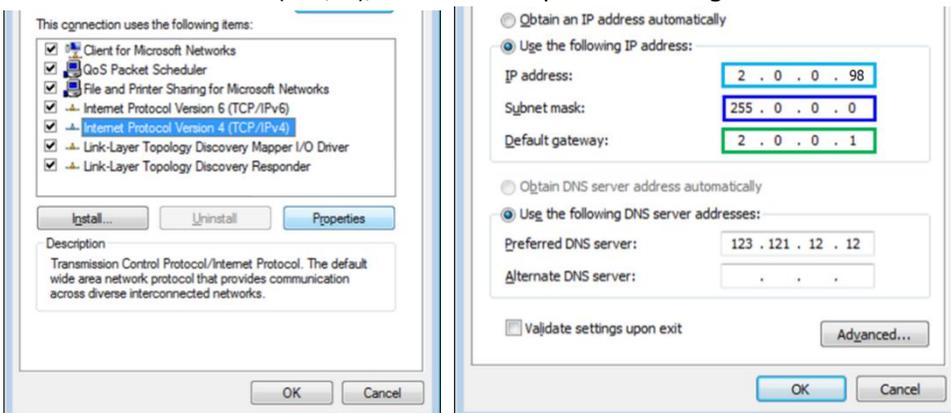


7. IP Address Setting (PC)

1. Open “Network Connection” on the PC, right click “Local Connection” and select “Properties”.



2. Select Internet Protocol (TCP/IP), then click “Properties”. Setting the IP address below.

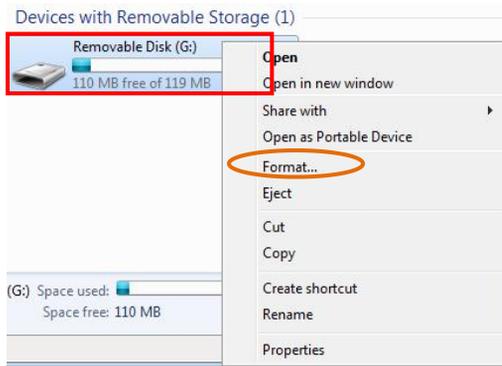


3. Click “OK” after the setting is finished.

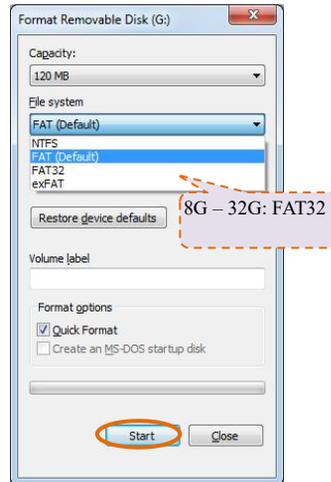
8. SD CARD COPY

Method 1:

1) Right click the disk where the SD card locates.



2) Select –FAT (Can tick off “Quick Format”) and click START.



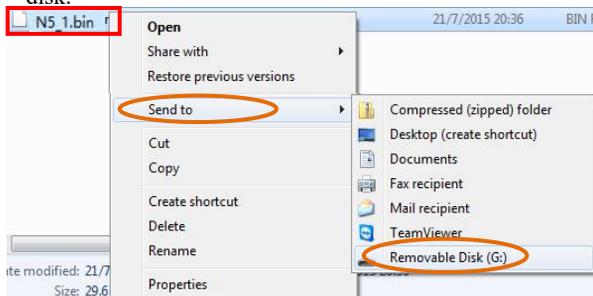
3) Confirm to format the Disk.



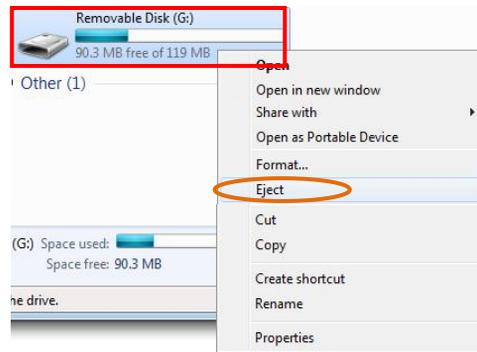
4) Finished the formatted, click confirm to exit.



5) Right click N5_1.Bin file, send the file to removable disk.



6) Right click removable disk and select pop to pop the SD card.



Method 2:

1. Insert SD card.

2. Click SD-Copy and copy the file into SD card according to hints. (all copying steps into SD card are the same).

