7. Technical Parameters

Power supply: AC100V-240V

Frequency: 50-60Hz

Power consumption: 60W

Light source: 6pcs 18W high brightness 6 in 1 leds

Lens angle: 25 degree

Control channels: 6/10 chs

Battery Capability : 8,800 mAh

Battery using time : 6-10 hours

Control mode: DMX512, wireless dmx 512, IRC, master/slave,
                  auto, sound active, WiFi(optional)

Operation menu: LCD display

Packing size: 225*195*195mm

N.W: 2.5kg   G.W: 3.0kg

LedHome APP Download

USER MANUAL

Wireless LED PAR LIGHT

(6X6IN1 RGBWA+UV)

CE

Please read over this manual before operating the light

Table of Contents

To turn on Sound-Active mode:
1. Press <SOUND> on the IRC.
2. Press <+> or <-> to either increase or decrease reacting sensitivity.
To adjust sound sensitivity in Sound-Active mode:
1. Press <SENSITIVITY> on the IRC.
2. Press <+> or < – > to either increase or decrease sound sensitivity.

Manual Color Control
To manually choose a specific color:
1. Press any number from 0 – 9 on the IRC to choose your color.

Button	0	1	2	3	4	5	6	7	8	9
Color	white	Red	Amber	Yellow	Green	Cyan	UV	Violet	Pink	Orange

To manually control the RGB percentage:
1. Press <MANUAL> on the IRC.
2. Press <R> (red), <G> (green), or <B> (blue), <W> (white), <A> (Amber), or <UV> (purple) to choose your color.
3. Press 0 – 100 to select a percent value.
4. Press <%> to set the percent change.
Miscellaneous Operation
To adjust the strobe rate of the program:
1. Press <STROBE> on the IRC.
2. Press <+> or < – > to increase or decrease the strobe rate.
3. Press <STROBE> again to turn off the strobe.
To change the switching effect of the program:
1. Press <FADE/SNAP> on the IRC.
Fade will slowly switch the effect. Snap will rapidly switch the effect.
To black out the lights:
1. Press <BLACK OUT> on the IRC.
This will turn off all the lights until the button is pressed again.
NOTE: The IRC will not respond to any inputs when Black Out is activated. If the remote does not respond when a button is pressed, try pressing <BLACK OUT>. You may have inadvertently activated Black Out.

70~89	Mutation：10ch control speed
90~109	Steady Red + strobe: 10ch control speed
110~129	Steady Green + strobe: 10ch control speed
130~149	Steady Blue + strobe: 10ch control speed
150~169	Steady Amber + strobe: 10ch control speed
170~189	Steady UV + strobe: 10ch control speed
190~209	Voice hopping
210~229	Voice jump + fade
230~255	Voice-activated strobe

10	0~255	Function depends on the value of the channel 9: When 9ch is 10 to 29, then this channel is used to select the color When 9ch is 30 to 189, then this channel control speed: 0 slowest, 255 fastest

6. IRC (Infrared Remote Control)

To set up this product to operate with the IRC, do the following:
In the " System Settings" interface, press the ENTER key, use the UP / DOWN keys
to select the "Infrared Setting" , choose "ON" and then press the ENTER button.

Automatic Mode
Automatic mode will enable you to run the
automatic programs on the product.
To turn on Automatic mode:
1. Press <AUTO> on the IRC.
2. Press <+> or <‐> to choose between
the different auto programs.
To adjust the speed of the automatic program:
1. Press <SPEED> on the IRC.
2. Press <+> or <‐> to either increase or decrease
the speed of the program.
Sound-Active Mode
Sound-Active mode will enable the product to respond to the music.

IRC Operation

1. Product Features

● DMX512 console control, via signal cable or wireless 2.4G.

● *WiFi phone operation control, support Android 2.3 or above, Apple iOS 4.3 or above (This feature applies to WiFi motherboard)*

● *Phone APP Name: LEDHome Language: software automatically recognizes the Chinese or English according to the system*

● Static color choices (6 colors, dimming 0-255) + strobe function (speed adjustable 0-20))

● Macro Color: 32 colors available

● Color automatically jump function (speed adjustable 1-20)

● Color mutations function (speed adjustable 1-20)

● Strobe with red , green, blue, white, amber or UV(speed adjustable 0-20)

● 3 kinds of sound modes (jump, jump + gradient, strobe) + Sound sensitivity (0-100) can be adjusted via control panel or remote control.

● 2.4G wireless electronic switch can be turned on or off via the menu, whether there is to know whether turned on or off the wireless module through the upper left corner icon

● *WiFi module electronic switches will be turned off automatically when exit to WiFi mode to save electricity.*

● White balance settings, brightness 6 colors to make the appropriate adjustment (also fine-tune the current role), a value of (127-255))

● The top right side battery icon by setting on or off icons appear, such as product without battery, can be set off

● Screensavers setting: can be set as normally open or 5 seconds, 10 seconds, 15 seconds after turning off the display backlight

● Button automatically lock: You can turn on or off through the menu settings

● Fan control: the intelligent fan according to the temperature can open or close, while forced to high-speed, medium-speed, low-speed mode

● Infrared remote control feature set: can be turned on or off through the menu settings

Menu	Item1	Item2	Item3
"Choose Pattern"	"Static"	(Color)	(Dimming)
		RED	0-255
		GREEN	0-255
		BLUE	0-255
		WHITE	0-255
		AMBER	0-255
		PURPLE	0-255
		STROBE	0-20
	"Macro"	1-32	
			(Speed)
	"Show"	"AUTO"	0-20
		"FADE"	0-20
		"SNAP"	0-20
		"R-STRO"	0-20
		"G-STRO"	0-20
		"B-STRO"	0-20
		"A-STRO"	0-20
			(Sensitivity)
	"Sound"	"SOUND1"	0-100
		"SOUND2"	0-100
		"SOUND3"	0-100
		(Options)	
"User Settings"	" Channel"	006/010	
		(Addressed)	
	" DMX512"	001-512	
		(Mode)	
	" Slave"	OK	
	" WiFi"	WiFi Icon	

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When the connection is successful, exit the phone feature set, open LedHome application software, in the first time, it needs adding scenes, select the "entertainment" and save, and then select the direct control, color ring control interface will appear, then you can make the appropriate mode operation. Different mobile operating interface may be somewhat different, but the functionality is the same.

5. DMX512 Channel Table

6CH Mode:

Channel no.	Value	Function
1	0~255	Red dimming
2	0~255	Green dimming
3	0~255	Blue dimming
4	0~255	White dimming
5	0~255	Amber dimming
6	0~255	UV dimming

10CH Mode

Channel no.	Value	Function
1	0~255	Total dimming, When 9ch(0-9)
2	0~9	Close strobe
	10~255	Strobe: 10 slowest, 255 fastest
3	0~255	Red dimming
4	0~255	Green dimming
5	0~255	Blue dimming
6	0~255	White dimming
7	0~255	Amber dimming
8	0~255	UV dimming
9	0~9	None
	10~29	Color selection: 10chl select color
	30~49	Jump change: 10ch control speed
	50~69	Fade: 10ch control speed

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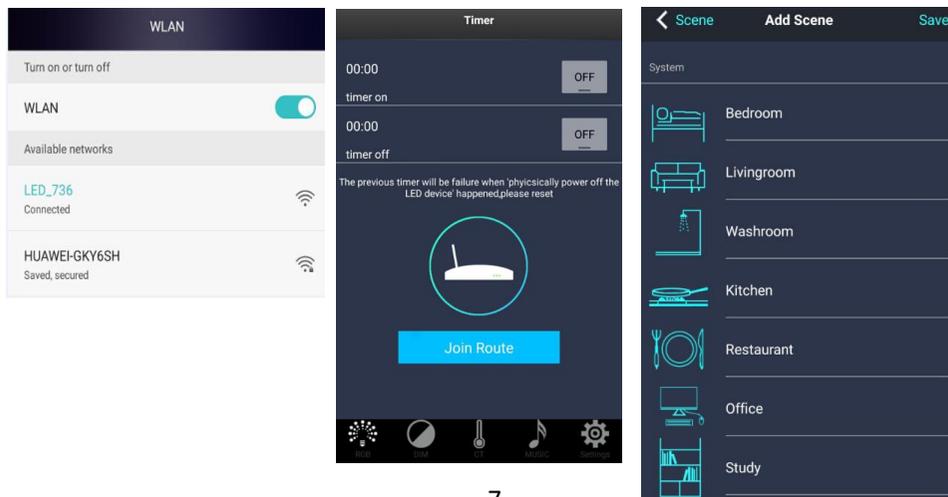first four fixture DMX512 Address:

6CH Mode： 1：A001，2：A007，3：A013，4：A019

10CH Mode： 1：A001，2：A011，3：A021，4：A031

3.1 Master and Slave built-in program control

When connecting multiple fixtures with Master-slave mode, in addition to the first fixture, followed by other lights select "Slave", press ENTER button to confirm, it will display "OK!". That has entered the state of receiver mode, after selection, the parameters are automatically saved, when it receives a signal from the Master , the interface will appear "Connection", if you disconnect DMX512 signal, the interface will appear "Disconnect", press ENTER if or MENU button, the display will exit to the previous menu mode. The first fixture as a Master, you can select all the performers mode, sub-machines synchronous control by the Master performs the same action.

4. WIFI Operation Mode (optional function)

In the "User Settings" interface, press the ENTER key, use the UP / DOWN keys to select the "WiFi" (WIFI mode), press the ENTER button, there will be WiFi icon, indicating that WiFi module is turned on, then you can set up your phone for connection control. Open the phone setting function, find the wireless network and WLAN items, connected LED_xxx name of the device, as shown:

"System Settings"	"1.white Balance"	(Color)	(Brightness)
		RED	127-255
		GREEN	127-255
		BLUE	127-255
		WHITE	127-255
		AMBER	127-255
		PURPLE	127-255
	"2.Show Battery Icon"	YES/NO	
	"3.Display Sleep"	Open/5Sec/	10Sec/15Sec
	"4.Autolock"	YES/NO	
	"5.FAN Control"	Auto/High/	Medium/Low
	"6.Infrared Setting"	ON/OFF	
	"7.Wireless Setting"	ON/OFF	
	"8.Factory Reset"	Password[----]	+ - + -
"Informations"	"1.LED"	(Temperature)	0-99℃
	"2.WORK"	(Hours)	001-999
	"3.SOFT"	(Version)	001
	"4.LEVEL"	(Percent)	10-100

1. **1.8-inch TFT display: Displays menu functions and parameters**

2.   **Key definitions:**

MENU	Main Menu function selection / Exit sub-menu
▲ UP	The choice of above menu / parameter is incremented
▼ DOWN	Select the next menu / Parameter decrement
ENTER	Confirm selected function / enter next

2.2 Method of Operation

To select a pre-set functions, press the MENU button to enter the main menu, the display shows the corresponding menu function, when you press the MENU button again to select the next menu function. As repeatedly pressing the MENU button will continue to select the various menu functions, in the main menu mode or use the UP / DOWN also can also be selected for each of the main menu, selection done, or press the ENTER key to confirm or enter the next level menu features. If the system parameters are set, press the ENTER key will automatically return to the previous menu function status. System parameters will automatically get saved without pressing the Enter key.

"Choose Pattern" Selection Mode

Select "Choose Pattern", press ENTER button to confirm, the display will show the corresponding function menu. For example: the static color, blending macro

function, performance mode, voice mode. Use UP / DOWN keys to select functions, if you press ENTER, the display will go to the next menu item, if press the Menu key, the exit to the previous menu mode. After selection parameter is automatically saved.

"User Settings"

Select the "User Settings" (user console mode setting), press ENTER button to confirm, the display will enter the channel options, using the UP / DOWN keys to select "6Ch" (6-channel mode), "10Ch" (10CH channel mode) , when you press the ENTER button again, the menu will automatically jump to the "DMX512" address setting mode, with UP / DOWN buttons, you can adjust the desired address code set between 1-512, after selection , the parameter is automatically saved. When receiving DMX512 signal, the interface will appear "Connection", if you disconnect DMX512 signal, the interface will appear "Disconnect", if press ENTER, or MENU button, the display will exit to the previous menu mode.

"Slave" the Slave mode

Select "Slave" (the Slave mode), press ENTER button to confirm, it will display "OK!". That means entered to the slave receiver mode, after selection, the parameters are automatically saved, when it receives a signal from the master, the interface will appear "Connection" , when you disconnect the master signal, the interface will appear "Disconnect", press ENTER or MENU button, the display will exit to the main menu mode.

"System Settings" System Settings mode

Select "System Settings" (System Settings mode), press the ENTER button to enter the next menu, use UP / DOWN buttons select different settings between setting function, press ENTER to enter to last menu, or press MENU button will exit to main manu.

3. DMX512 Console Control

In the "User Settings" interface, press the ENTER button to confirm. Display "Channel" (Channel mode), use the UP / DOWN keys to select "6Ch" (6-channel mode) or "10Ch" (10CH channel mode), press the ENTER button automatically jumps to "DMX512" (DMX512 address code setting), use the UP / DOWN buttons, you can adjust the desired address code set between 1-512, then ready to receive DMX512 console signals.

If you want to use this feature, please refer to the following diagram to set the