

Q2: The light will not turn on, but the menu does display.

A2: Using the menu, ensure that the color dimmers are not all set to 000.

Q3: The light does not respond to DMX commands.

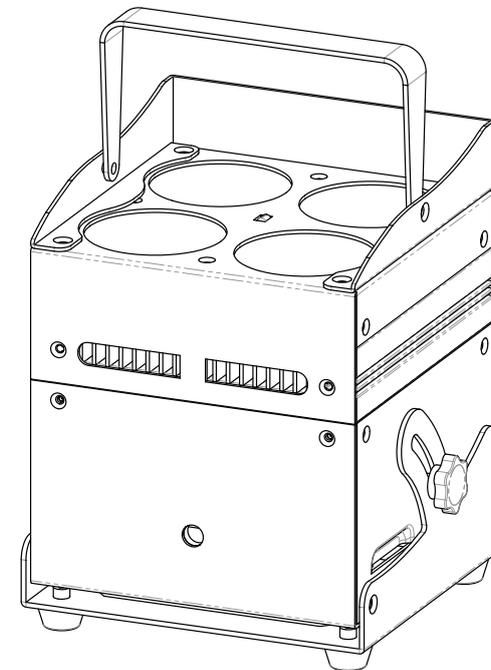
A3: Ensure that the light is set to DMX mode with a valid DMX address. Check for address conflicts with other devices. Check the cabling to ensure that there is continuity between the light and the DMX controller. Verify that there is a terminator at the end of the chain. Verify that the DMX controller is operating properly with another DMX device.



SPECIFICATIONS

| | |
|----------------------------|---|
| Input Voltage | AC 100V - 260V,50-60Hz |
| Power Consumption | 55W |
| Battery Spec | 5200 mAh,14.8 V |
| Charger Output voltage | 16.8 V,3A |
| LEDs | 4 X 12 - watt R/G/B/A/W/UV 6in1 LEDs |
| LED Life Span | 50000 ~100000 hours |
| DMX Channels | 3,6,8,10 or 11CH |
| Control Protocol | USITT DMX512 |
| Control Mode | Standalone,Master/slave, Auto,Sound Active |
| Signal Input&Output | 3 - pin XLR Male, 3 - pin XLR Female |
| Wireless | 2.4G,126 channels jumping frequency automatically |
| IR Control | Infrared remote control up to 30 ft./ 10M . |
| Function Effect | Dimmer, Strobe, Eotic, Gradual Change |
| Refresh Rate | 1.5KHz |
| Beam Angle | 30° |
| Cooling Mode | Natural convection(no fan, no noise) |
| Protection Grade | IP20 |
| Anti-electricity Intension | >1.5KV |
| Insulation Resistance | >2MΩ |
| Dimensions | 167 X 138 X 188 mm (6.6" X 5.4" X7.4") |
| Weight | 3.1kg (6.84lbs) |

MobilePar Hex 4 CKW02-6006



USER MANUAL

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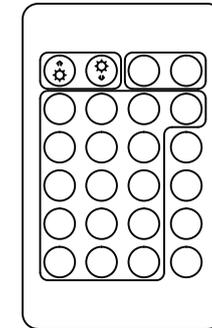
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PACKAGE CONTENTS

- 1 X LED Par Stage Light DMX wireless & battery 12-watt x 4 LEDs
- 1 X AC power cable
- 1 X User's manual
- 1 X IR controller

IRC REMOTE

When using IR remote controller, please turn off wireless DMX and cut off DMX connections.



The function of each button on the remote controller is shown in below chart.

| | | | |
|-------------|-------------|-------------|--------|
| dimming + | dimming - | OFF | ON |
| red | green | blue | white |
| 100%R+24%G | 90%G+23%B | 22%R+87%B | flash |
| 100%R+47%G | 82%G+46%B | 48%R+75%B | strobe |
| 100%R+71%G | 72%G+69%B | 67%R+62%B | fade |
| 100%R+100%G | 100%G+100%B | 100%R+100%B | smooth |

BATTERY

- Battery life : The battery life is 500 times charging and discharging.
- The battery specification :
Lithium battery , 5200 mAH, 18650 , 14.8V
- Charging time : 2 hours
- Battery using time :

The following table shows Battery using time after fully charged.

| Charging cycle (hours) | Battery using time after fully charged (hours) | | | | | |
|------------------------|--|-------------------|---------------------|--------------------|--------------------|------------|
| | Single color | Two colors mixing | Three colors mixing | Four colors mixing | Five colors mixing | Full color |
| 3 | 9.5 ~ 10.5 | 6 | 4 | 3.5 | 3 | 2.5 |

TROUBLESHOOTING

Following are some sample problems and potential solutions to those problems.

Q1: The light does not turn on and the menu will not display.

A1: Check the power cable to ensure it is properly plugged in. Check the source power outlet by plugging in a different device.

PRESETS

The following table describes in basic terms each of the 68 program presets built into the fixture. The SP-- value determines the speed of any color cycling, flashing, or fading.

| Pr-- | Function | Pr-- | Function | Pr-- | Function |
|------|----------|------|----------|------|---------------------------------|
| 00 | R | 23 | G+B+A | 46 | R+G+A+UV |
| 01 | G | 24 | R+G+W | 47 | R+B+A+UV |
| 02 | B | 25 | R+B+W | 48 | G+B+A+UV |
| 03 | A | 26 | G+B+W | 49 | R+G+W+UV |
| 04 | W | 27 | R+A+W | 50 | R+B+W+UV |
| 05 | UV | 28 | G+A+W | 51 | G+B+W+UV |
| 06 | R+B | 29 | R+G+UV | 52 | R+A+W+UV |
| 07 | G+B | 30 | R+B+UV | 53 | G+A+W+UV |
| 08 | R+A | 31 | G+B+UV | 54 | B+A+W+UV |
| 09 | G+A | 32 | R+A+UV | 55 | R+G+B+A+W |
| 10 | B+A | 33 | G+A+UV | 56 | R+G+B+A+UV |
| 11 | R+W | 34 | B+A+UV | 57 | R+G+B+W+UV |
| 12 | G+W | 35 | R+W+UV | 58 | R+G+A+W+UV |
| 13 | B+W | 36 | G+W+UV | 59 | R+B+A+W+UV |
| 14 | A+W | 37 | B+W+UV | 60 | G+B+A+W+UV |
| 15 | R+UV | 38 | A+W+UV | 61 | R+G+B+A+W+UV |
| 16 | G+UV | 39 | R+G+B+A | 62 | R+G |
| 17 | B+UV | 40 | R+G+B+W | 63 | All Off |
| 18 | A+UV | 41 | R+G+A+W | 64 | 6 color flash change |
| 19 | W+UV | 42 | G+B+W | 65 | 6 color flash change + strobe |
| 20 | R+G+B | 43 | R+B+A+W | 66 | multicolor flash change |
| 21 | R+G+A | 44 | G+B+A+W | 67 | multicolor flash change +strobe |
| 22 | R+B+A | 45 | R+G+B+UV | | |

SAFETY INSTRUCTIONS



Please read these instructions carefully. They include important information about the installation, usage and maintenance of this product.

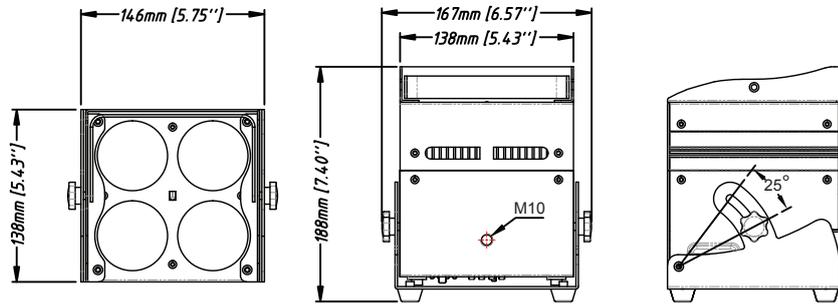
- Please keep this User Guide for future use. If you sell the unit to someone else, be sure that they also receive this User Guide.
- ALWAYS make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20" (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ALWAYS disconnect from the power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- ALWAYS secure fixture using a safety chain. NEVER carry the fixture by its cord. Use its carrying handles.
- DO NOT operate at ambient temperatures higher than 104°F (40°C).
- In the event of a serious operating problem, stop using the unit immediately. NEVER try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- NEVER connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

Caution! There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself.

FEATURES

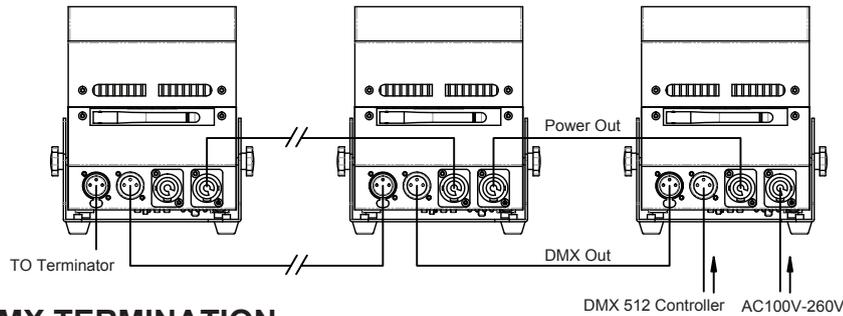
- Four 12-watt R/G/B/A/W/UV 6 in 1 LEDs.
- 3,6,8, 10 or 11-channel DMX modes.
- Built-in 5200 mAh lithium battery, The battery is very easy to replace.
- Built-in DMX512 wireless receiver/transmitter, adopt 2.4G ISM frequency section(global opening section) without permission limited. High effective GFSK modulate, communication design ; 126 channels jumping frequency automatically, high anti-jamming ability.
- IR control: Infrared remote control up to 30 ft./ 10M .
- 32-bit smooth dimming technology, flicker free for TV and camera shooting.
- Variable electronic strobe, dimming and color changing effect.
- Stand-alone, Master/Slave and DMX modes.
- Daisy chain connections to connect additional units.

DIMENSIONS



SAMPLE WIRING DIAGRAM

The following diagram shows a sample wiring chain using multiple lights. Note that as with all DMX chains, the last unit must have a DMX terminator connected to the DMX output.



DMX TERMINATION

As with all DMX devices, the last unit in any chain must have a DMX terminator connected to the DMX output. If using just a single light, connect a DMX terminator to the DMX output.

A DMX terminator is a DMX plug with a 120-ohm, 1/4-watt resistor soldered between pins 2 and 3.



11CH Mode

| CHANNEL | VALUE | FUNCTION | PRIORITY | REMARKS |
|---------|-----------------|--------------------------------|----------|---|
| 1 | 000-255 | General dimming 0-100% | 1 | |
| 2 | 000-255 | Red dimming 0-100% | | |
| 3 | 000-255 | Green dimming 0-100% | | |
| 4 | 000-255 | Blue dimming 0-100% | | |
| 5 | 000-255 | Amber dimming 0-100% | | |
| 6 | 000-255 | White dimming 0-100% | | |
| 7 | 000-255 | UV dimming 0-100% | | |
| 8 | 000-014 | Dimming | 2 | |
| | 015-255 | Strobe (fast - slow) | | |
| 9 | 000-031 | Not used | 3 | Must use channels 1-6 to get light. Channel 9 is speed adjustment. |
| | 032-063 | Dark - bright | | |
| | 064-095 | Bright - dark | | |
| | 096-127 | Dark -bright - dark | | |
| | 128-159 | Fade | | |
| | 160-191 | Dark -bright - dark (auto run) | | |
| | 192-223 | Color flash change | | |
| 224-255 | Sound activated | | | |
| 10 | 000-255 | Speed adjustment | | Slow - fast |
| 11 | 000-005 | Uses the "nodE" setting | | Similar to the "nodE" setting, but with variable speed control. DIMMER0 has the fastest range, DIMMER4 the slowest. Dependent on use of channels 1-7. |
| | 006-055 | DIMMING 0 | | |
| | 056-105 | DIMMING 1 | | |
| | 106-155 | DIMMING 2 | | |
| | 155-205 | DIMMING 3 | | |
| | 205-255 | DIMMING 4 | | |

8CH Mode

| CHANNEL | VALUE | FUNCTION | PRIORITY | REMARKS |
|---------|---------|------------------------------|----------|---------|
| 1 | 000-255 | General dimming 0-100% | | |
| 2 | 000-255 | Red dimming 0-100% | | |
| 3 | 000-255 | Green dimming 0-100% | | |
| 4 | 000-255 | Blue dimming 0-100% | | |
| 5 | 000-255 | Amber dimming 0-100% | | |
| 6 | 000-255 | White dimming 0-100% | | |
| 7 | 000-255 | UV dimming 0-100% | | |
| 8 | 000-255 | Strobe dimming (fast - slow) | | |

10CH Mode

| CHANNEL | VALUE | FUNCTION | PRIORITY | REMARKS |
|---------|-----------------|--------------------------------|----------|--|
| 1 | 000-255 | General dimming 0-100% | 1 | |
| 2 | 000-255 | Red dimming 0-100% | | |
| 3 | 000-255 | Green dimming 0-100% | | |
| 4 | 000-255 | Blue dimming 0-100% | | |
| 5 | 000-255 | Amber dimming 0-100% | | |
| 6 | 000-255 | White dimming 0-100% | | |
| 7 | 000-255 | UV dimming 0-100% | | |
| 8 | 000-014 | Not used | 2 | |
| | 015-255 | Strobe (fast - slow) | | |
| 9 | 000-031 | Not used | 3 | Must use channels 1-6 to get light. Channel 9 is speed adjustment. |
| | 032-063 | Dark - bright | | |
| | 064-095 | Bright - dark | | |
| | 096-127 | Dark -bright - dark | | |
| | 128-159 | Fade | | |
| | 160-191 | Dark -bright - dark (auto run) | | |
| | 192-223 | Color flash change | | |
| 224-255 | Sound activated | | | |
| 10 | 000-255 | Speed adjustment | | Slow - fast |

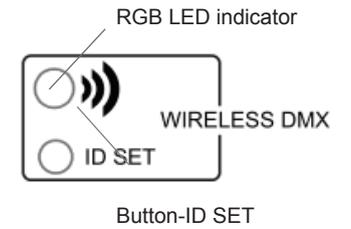
CONTROL PANEL

1.WIRELESS DMX

The fixture Built-in DMX512 wireless receiver/transmitter,adopt 2.4G ISM frequency section(global opening section) without permission limited. High effective GFSK modulate,communication design ; 126 channels jumping frequency automatically, high anti-jamming ability.

- The setting of receiving wireless DMX

- Delete connection with other transmitter: Press the button and hold for over 3 seconds until the indicator turns white.
- Connection: Press the button on the transmitter, the fixture will be connected and the green light will stop flashing.



Note: Receiver could only be connected to the new transmitter after the old connection is deleted.

- Working condition:

LED constant lit up: no DMX or wireless signal.
Green LED flash: receiveing.

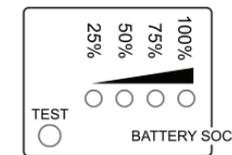
2.MIC

Rotate knob can adjust the sensitivity of the built-in microphone.



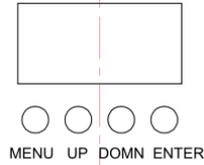
3.BATTERY SOC

Press the button, can display the remaining power of the battery.



MENU SYSTEM

Use the four buttons under the LED display on the back to set the mode in which the light will operate. The buttons perform the following functions:



MENU: Accesses the menu system or backs out of editing an entry.

UP: Selects the previous mode or increases the value of the selected mode.

DOWN: Selects the next mode or decreases the value of the selected mode.

ENTER: Selects the currently displayed mode for editing or accepts the edited value.

The following table shows the menu options, their possible values, and what they mean.

| ENTRY | VALUES | REMARKS |
|-------|---------------|---|
| Addr | d001-d255 | DMX address |
| UtSt | White Balance | see “White Balance” section for details |
| UErn | UE2.0 | Displays the software version number |
| nodE | nod0-nod4 | Speed limiter (see “nodE” section for details) |
| LEd | on/oFF | LED display on/auto off (after about 2 minutes) |
| SoUA | So.UA | Sound activation mode on/off |
| UL- - | U000-U255 | Ultraviolet(UV) dimming |
| AL- - | A000-A255 | White dimming |
| JL- - | J000-J255 | Amber dimming |
| bL- - | b000-b255 | Blue dimming |
| GL- - | G000-G255 | Green dimming |
| rL- - | r000-r255 | Red dimming |
| FLAS | FL00-FL15 | Strobe mode (fast-slow) |
| FAdE | FA00-FA15 | Color fade (fast-slow) |
| Pr- - | Pr00-Pr30 | Preset selection |
| SP- - | SP00-SP15 | Program speed (fast-slow) |
| SLAU | SL.AU | Slave mode |
| CHnd | 3,6,8,10,11CH | DMX channel selection |

“WHITE BALANCE”

The White Balance function allows you to adjust the overall tint of the light produced by having all LED colors on. You can adjust how much of each individual color element is allowed to be displayed.

Note that when White Balance is active, it effects the overall light output. For example, if in the White Balance function you set the Red light brightness value to 000 (no brightness), you will not see any red in any of the light produced by this fixture, even if using a preset program or directly accessing the red color.

Editing the white balance involves sequentially setting the following values:

Notes:

USon = White balance is on

USoF = White balance if off

SEon = The white balance values will be sent to other lights in this universe.

SEoF = The local white balance values will NOT be sent to other lights.

rEt = Press the Enter button with this displayed to save the settings and exit.

If you don't want to save the changes, press the Menu button to back out of this entry.

| | |
|---------------|----------------------------------|
| r.000 - r.255 | Red brightness |
| G.000 - G.255 | Green brightness |
| b.000 - b.255 | Blue brightness |
| J.000 - J.255 | Amber brightness |
| A.000 - A.255 | White brightness |
| U.000 - U.255 | Ultraviolet brightness |
| USon/USoF | White balance on/off |
| SEon/SEoF | Send white balance values on/off |
| rEt | Save and exit |

“nodE”

The “nodE” function serves as a speed limiter for manual dims and fades. When set to “nod0”, any manual dims or fades will be in real time, meaning that light will dim or fade as fast as you move the slider on the controller. The other “nodE” values (1-4) are progressively slower than real time.

Note that this functionality is expanded in channel 10 of the 10-channel DMX control mode.

MASTER/SLAVE MODE

Whenever the light is set to a mode other than a DMX address or Slave mode, it is considered to be in Master mode. For example, when set to the Sound Activated operation, it is in a Master mode.

When the light is the Master, it will send DMX instructions to other connected lights. Those other lights must be set to Slave mode (SLAU) to receive and execute the instructions sent by the Master light.

NOTE: Only one light in any DMX Universe can be the Master. All other lights in the chain must be set to Slave mode (SL.AU).

DMX CONTROL

When the light is set to a DMX address it will respond to signals from a DMX controller. The number and complexity of the signals it can respond to correspond directly to the number of channels selected. The following tables show the functions and values for each channel in the four different channel modes (3,6,8,10 or 11).

3CH Mode

| CHANNEL | VALUE | FUNCTION | PRIORITY | REMARKS |
|---------|---------|------------------------|----------|---------|
| 1 | 000-255 | RGB color mixing | | tonal |
| 2 | 000-255 | UV dimming 0-100% | | |
| 3 | 000-255 | General dimming 0-100% | | purity |

6CH Mode

| CHANNEL | VALUE | FUNCTION | PRIORITY | REMARKS |
|---------|---------|----------------------|----------|---------|
| 1 | 000-255 | Red dimming 0-100% | | |
| 2 | 000-255 | Green dimming 0-100% | | |
| 3 | 000-255 | Blue dimming 0-100% | | |
| 4 | 000-255 | Amber dimming 0-100% | | |
| 5 | 000-255 | White dimming 0-100% | | |
| 6 | 000-255 | UV dimming 0-100% | | |