

RGBWA+UV

CS-B144A BATTERY PAR CAN User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

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1. SAFETY INSTRUCTIONS

*CAUTION!

Becareful with your operations. With a dangerous voltage you cansuffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

*IMPORTANT!

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device.

Leave the device switched off until it has reached room temperature.

This device falls under protection-class I. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

The device shall only be used with rate voltage and frequency.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges.

Always disconnect from the mains, when the device is not in use or before cleaning it.

Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

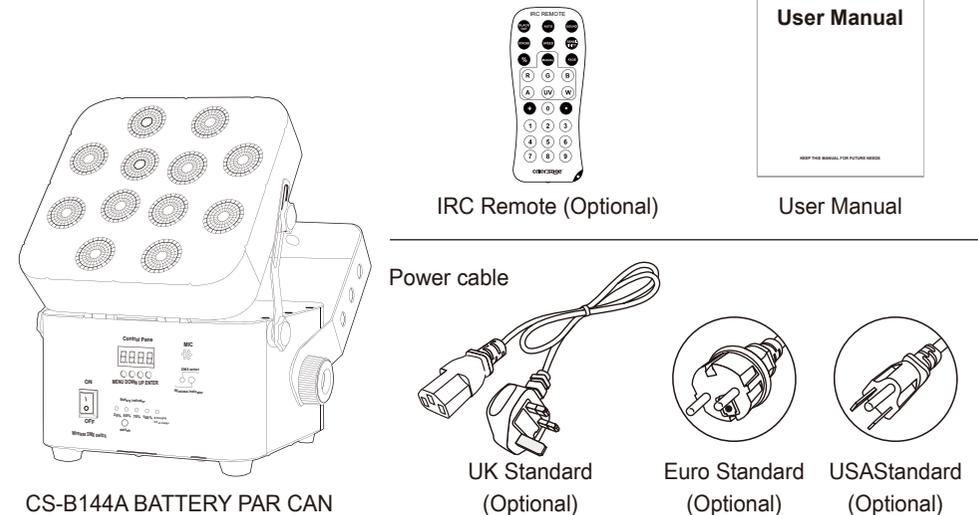
2. UNPACKING

Thank you for choosing our CS-B72B BATTERY PAR CAN.

For your own safety, please read this manual before installing the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions.

This LED BATTERY PAR CAN use 12pcs*12W LEDs. Charging about 5-6 hours can use about 4.5 hours of full color, or about 20 hours of single color.

This product is used to enliven atmosphere for family gatherings, KTV box, disco ballroom, ballroom, nightclub, disco, bar, mall, wedding, square, park, etc. *** Please turn on the light when charging, this will reduce the battery life.**



CS-B144A BATTERY PAR CAN

IRC Remote (Optional)

User Manual

Power cable

UK Standard (Optional)

Euro Standard (Optional)

US Standard (Optional)

3. FEATURES & SPECIFICATIONS

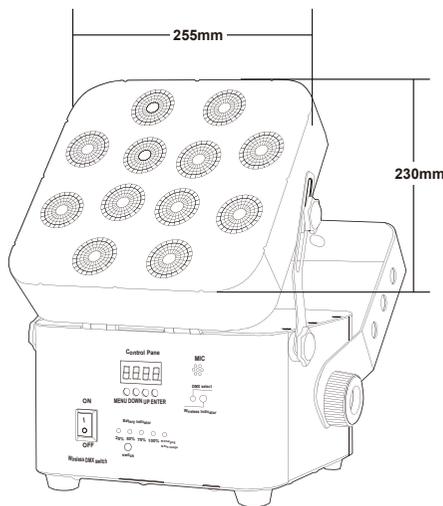
Function:

1. Master/Slave,
2. Sound activated,
3. Automatic,
4. DMX 512,
5. IR remote control (Optional),
6. Wireless DMX (Optional).

7. LED dimmer,
8. Color Gradual change,
9. Color jumping,
10. Strobe.

Specifications:

LED quantities: 12pcs*12W LEDs
 Input Voltage: AC90V-240V, 50/60HZ
 Power consumption: 144W
 Channel: 6/10 CH
 Beam Angle: 40°
 Display Screen: LCD display
 Battery Type: Lithium battery
 Battery Charging Time: About 5-6 hours
 Battery Using Hours: About 4.5 hours of full color, about 20 hours of single color.
 Color: RGBWA+UV 6 in 1
 Material Science: Iron alloy



Packing & weight:

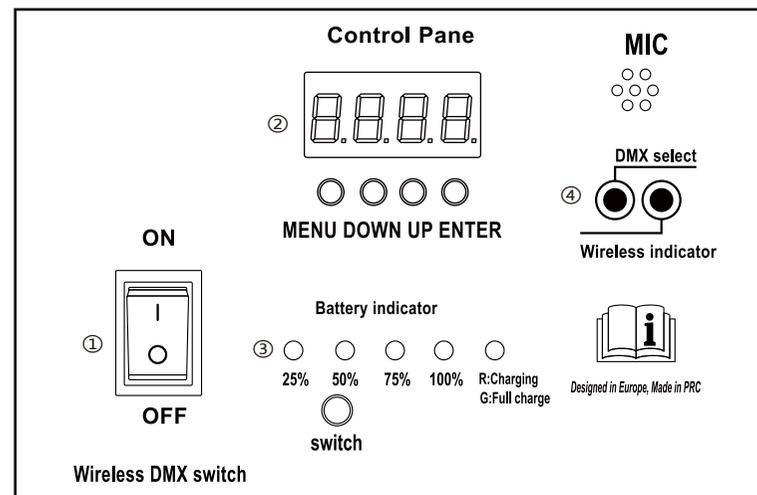
Size: 255mm*200mm*230mm
 Net Weight: 5.5kg
 Packing: 260mm*260mm*210mm
 Gross Weight: 7kg

4. OPERATION INSTRUCTIONS

01. Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
02. This light should be keep away from strong shaking during any transportation or movement.
03. Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
04. Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.

05. Make sure the installation place is in good safety condition before installing the fixture.
06. Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
07. Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
08. Make sure the fixture is operated by qualified personnel who knows the fixture before using.
09. Keep the original packages if any second shipment is needed.
10. Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
11. It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

5. MENU OPERATIONS



- ① **POWER ON/OFF:** Switch, please turn on the light when charging, this will reduce the battery life.

② **MENU:** Access the menu.

DOWN: Reduction key or key under the selected; decrease the value function down menu.

UP: Add key or selection on the key; increase the value function, shift on the menu.

ENTER: It is used to select and confirm/store the current selection.

③ **BATTERY INDICATOR:** The remaining battery display shows that the remaining battery power is 25%, 50%, 75%. When the battery is full, the indicator light is green. When charging is required, the light is red.

④ **DMX SELECT:** Switch to DMX mode

WIRELESS INDICATOR: This light glows green when switching to wireless mode.

MENU	Function/Value	Instructions
d001	DMX mode, 001-512	DMX512 address setting
Chnd	6CH / 10CH	Channel choose
Auxx	Au01-Au06 : R,G,B,W,A,UV color Au07: Colors mixing Au15: Color jumping Au16: Color gradient	Color effect
St00	Master to strobe, St00-St16	St00-St16, Strobe slow to fast
SP00	Color jumping / color gradient speed, SP00-SP16	Color jumping and color gradient speed from slow to fast
r000	Red dimming/r000-r255	r000-r255 from dark to bright
G000	Green dimming/G000-G255	G000-G255 from dark to bright
B000	Blue dimming/B000-B255	B000-B255 from dark to bright
W000	White dimming/W000-W255	W000-W255 from dark to bright
A000	Amber dimming/A000-A255	A000-A255 from dark to bright
P000	UV dimming/P000-P255	P000-P255 from dark to bright
IroF	Infrared remote control, Iron/IroF	Iron, turn on infrared remote control mode IroF, turn off infrared remote control mode

6. DMX CHANNELS

6 Channel

Channel	Function/Value	Instructions
1	Red dimming/0-255	0-255 from dark to bright
2	Green dimming/0-255	0-255 from dark to bright
3	Blue dimming/0-255	0-255 from dark to bright
4	White dimming/0-255	0-255 from dark to bright
5	Amber dimming/0-255	0-255 from dark to bright
6	UV dimming/0-255	0-255 from dark to bright

10 Channel

Channel	Function/Value	Instructions
1	Dimming	0-255 from dark to bright
2	Red dimming	0-255 from dark to bright
3	Green dimming	0-255 from dark to bright
4	Blue dimming	0-255 from dark to bright
5	White dimming	0-255 from dark to bright
6	Amber dimmer	0-255 from dark to bright
7	UV dimmer	0-255 from dark to bright
8	Strobe	0-255 from slow to fast
9	Function selection	0-3: No function 4-127: 23 kinds static colors 128-169: Auto mode 1 170-210: Auto mode 2 211-229: Sound activated mode 1 230-255: Sound activated mode 2
10	Function speed	Function speed, 0-255 from slow to fast

* If you find that the product menu does not comply with this manual, please contact us immediately and we will send a copy of the manual that suits you. Thank you!

7. Remote Controller Using (Optional)

BLACK OUT Mode

It is a remote switch, Press "BLACK OUT" one time, it will open the IR remote model, and it will default to color jump mode "CC12", also will enter to the previously saved mode if some mode has been saved, press "BLACK OUT" one time again, it will Exit the remote control function and save the current settings.

AUTO Mode

Automatic mode will enable you to run the automatic programs on the product.

To turn on Automatic mode:

1. Press "AUTO" on the remote controller.
2. Press "+" or "-" to choose between the different auto programs.

SOUND Mode

Sound-Active mode will enable the product to respond to the music.

To turn on Sound-Active mode:

1. Press "SOUND" on the remote controller.
2. Press "+" or "-" to choose between the different sound programs.

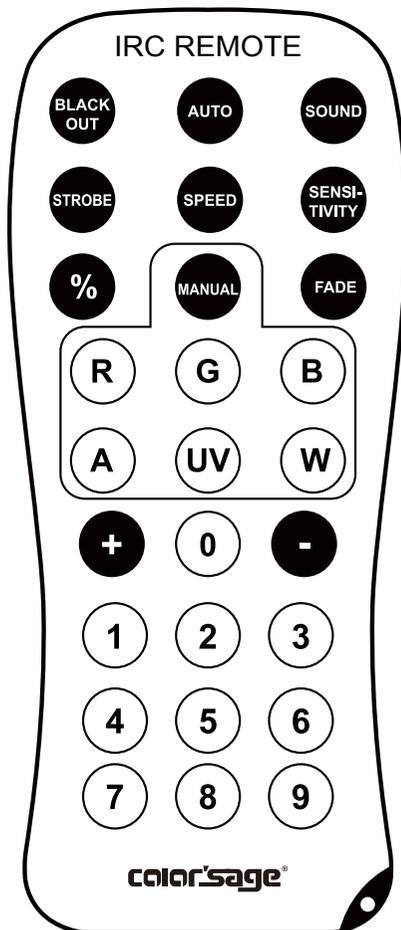
FADE Mode

It is a color gradient mode.

1. Press "FADE" on the remote controller.
2. Press "FADE" again to turn off the Fade mode.
3. Press "+" or "-" to either increase or decrease the speed of the program.

MANUAL Mode

1. Press "MANUAL" one time, the menu display show "dlon", turn on the remote controller.
2. Press "R", "G", "B", "W", "A", "UV" (red, green, blue, white, amber and UV) to choose your Wanted colour. press the 1st time, it is 20% brightness, press the 2nd time, it is 40% brightness, press the 5th time, it is 100% brightness. Press the 6th time, turn off the manual color which you chosen.



% Mode

Adjust the brightness of RGBW color, press the 1st time, it is 10% brightness, press the 2nd time, it is 20% brightness, press the 10th time, it is 100% brightness.

NUMBER 0-9

0-9 kinds Static color mode, press one time for your wanted color, Press "+" or "-" to either increase or decrease brightness.

STROBE Mode

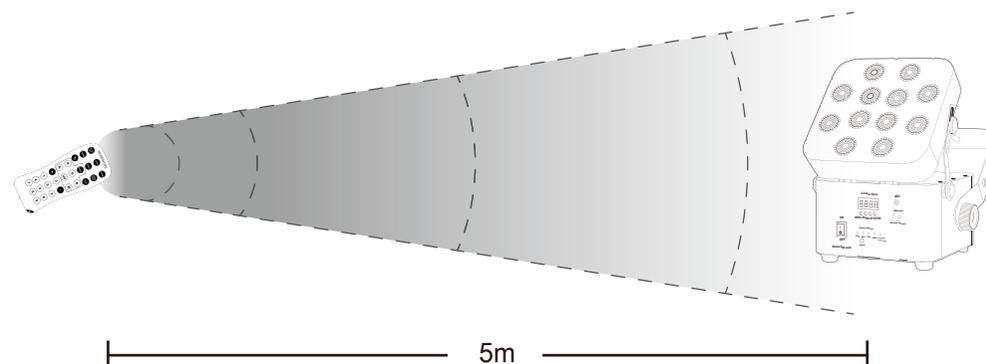
It should be worked with Auto mode /sound mode/fade mode/manual mode/0-9 static color model together press the "STROBE" one time, it is 1/8 speed, press the 2nd time, it is 2/8 speed, press the 8th time, it is 100% speed.

SENSITIVITY Mode

It is reset function, press it one time, enter the initial function press it once again, restore factory settings, exit the remote control and enter A01.

SPEED Mode

This product does not support this feature for now.



Please use this remote controller within remote control range.

8. WIRELESS DMX(Optional)

Operating Instruction:

1. The DMX512 controller is connected to the wireless DMX controller.
2. Click the button will display the current ID Settings, click the button again to ID set, every time clicked will add one ID number.
3. Working state:
 - 1) The indicator always bright: No DMX or wireless signal,
 - 2) Red indicator flashing: send,
 - 3) Green indicator flashing: receive.
4. RF frequency - - - - - 2. 400-2. 525 G, total has 126 bands, automatically selected, don't need setting.
5. ID code- - - -"1-7" Group ID code, press "KEY" to adjust, the transceiver board should be with the same ID code, then can communicate with each other.
6. The correspondence between the Fixture "Wireless indicator" ID code and LED color :
 - 1: RED-----RED
 - 2: GREEN-----GREEN
 - 3: RED+GREEN-----YELLOW
 - 4: BLUE-----BLUE
 - 5: RED+BLUE-----PURPLE
 - 6: GREEN+BLUE-----GREEN
 - 7: RED+GREEN+BLUE-----WHITE

Establishing communication :

1. Open the fixture's "LOAD" and "WIRELESS DMX" switch.
2. Press "DMX select" button to set the same ID for the fixtures which need to communications. Each network ID need different if in the same place you want to use more than one set of wireless networks.
3. Choose no interference spectrum to send data red LED flashing after the transmitter received DMX data, The receiver up change communication frequency band, until received the correct data from the same ID code. then the green indicator will flashing , DMX data faster, the indicator light is flashing faster.
4. Communication established correctly.

9. MAINTENANCE AND CLEANING

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed

***CAUTION!**

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

1. Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
2. Clean the fan each week.
3. A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.
4. Frequent cleaning. Please use a moist, lint- free cloth. Never use alcohol or solvents.

There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions".

Should you need any spare parts, please order genuine parts from your local dealer.