7 APPENDIX

7.1 MAINTENANCE
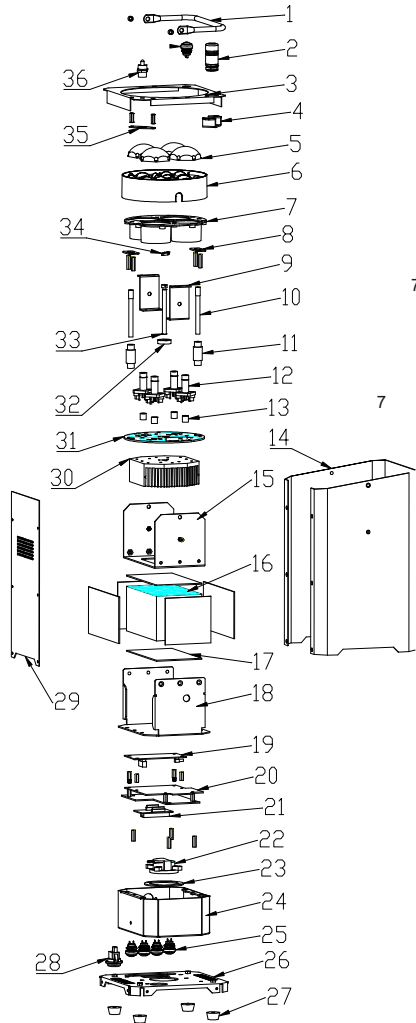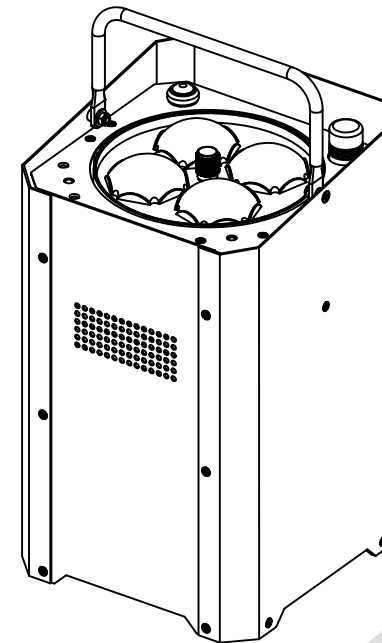

No.	Item Name
1	Hanger
2	Wireless Receiver
3	Top cover
4	Fix board of wireless Receiver.
5	Lens.
6	Plastic cover 1 for fixing lens.
7	Plastic cover 2 for fixing lens.
8	Fixed board for zoom
9	Connecting bracket for zoom.
10	Zooming supporter
11	Zooming pillar
12	Light Guid Bart
13	light barrier.
14	Body cover A
15	Arm
16	Lithium battery
17	Foam pad.
18	Lithium battery holder.
19	Wireless receiver board.
20	Driver board
21	Display board.
22	Recharge socket A.
23	Bearer for recharge socket A
24	PCB holder.
25	Button of display board
26	Full-featured control panel.
27	Foot.
28	Power switch.
29	Body cover B.
30	Cooling aluminum.
31	Led board.
32	Zooming nut.
33	Zooming screw.
34	Connector for lens
35	Fixed board for LED charge indicator.
36	LED charge indicato.

USER MANUAL

4X10W RGBW 4 IN 1
Led Wireless Battery Zoom Light

CE   RoHS

TABLE OF CONTENTS

6.3 CHARGER SPECIFICATIONS

Voltage: AC100-240V, 50/60Hz
Output: DC24V, 3A

1、Charger +ve
2、Charger -ve
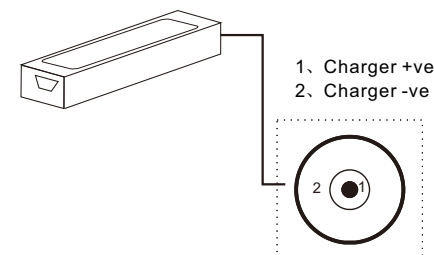
6.4 FLIGHTCASE SPECIFICATIONS

Voltage: AC100-240V, 50,60Hz
Rated Power: 300W
Weight: 21KG
Dimensions: 730 x 400 x 520mm
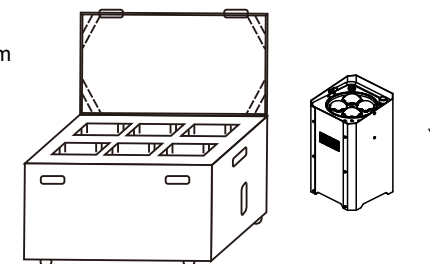
6.5 IMPORTANT FACTS:

HOW TO CARE FOR YOUR BATTERY!

CHARGING
● DO NOT CHARGE FOR MORE THAN 24HRS
● RECHARGE WITHIN 3 DAYS OF USE
● CHARGE WITH FLIGHTCASE OPEN

STORING
● STORE WITH FULL LOAD
● TURN OFF AT BASE WHEN STORING FOR MORE THAN 7 DAYS
● STORE IN AN UPRIGHT POSITION

6 BATTERY CHARGING

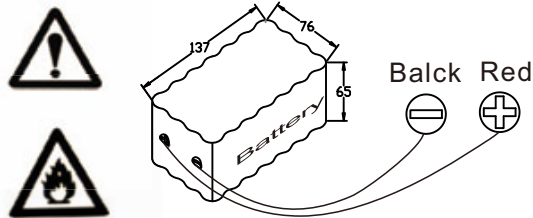## 6.1 BATTERY SPECIFICATIONS:

Type of bettery:Lithium Battery
Voltage: 24V
Storage Capacity: 8800mA
Charge Time: 8 hrs
Discharge Time: 8hrs (in fixture at full output)
Weight: 1.2Kg
Dimensions:135X65X76mm

6.2 SPECIAL CONSIDERATIONS:

Charging
●Do not charge for more than 24 hours
●Always charge with flightcase open
●It is recommended to charge at a temperature between 0℃ to 35℃
●Always recharge within 3 days of use
●Always charge with supplied charger

Operation
●Recommended ambient temperature is between 0℃ to 35℃
●Always use fixture in a vertical or near-vertical position (<30deg. from vertical)
●Do not operate in a sealed enclosure with insufficient air flow

Storage
●Always store at a temperature below 35℃ (below 25℃ is best)
●Always store in a vertical position
●Always store fully charged
●It is important to carry out one full discharge and charge cycle every 3 months
●Always use the battery switch when storing for longer than 7 days
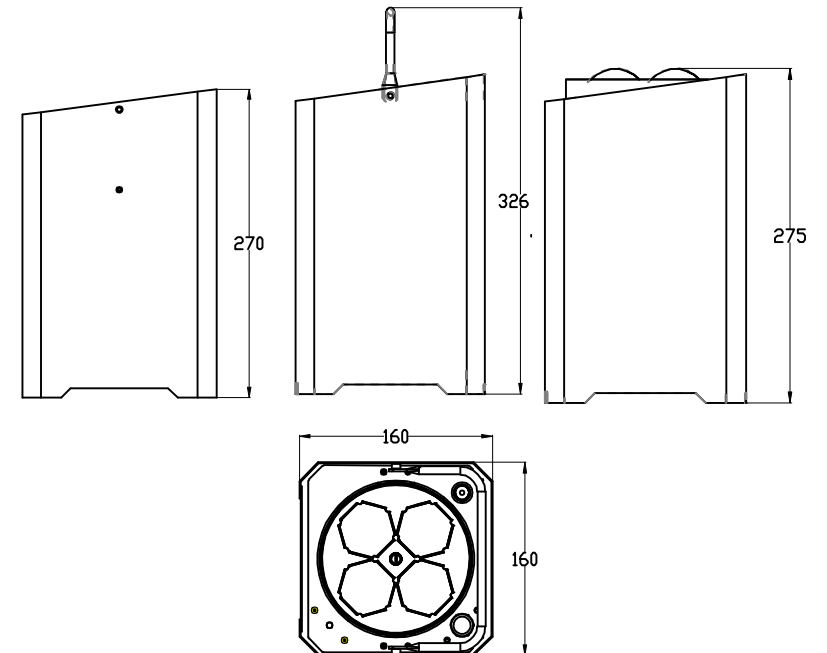●Store in a dry environment away from direct sunlight

Maintenance
●Always switch off the battery switch when carrying out maintenance
●Do not allow battery contacts come into contact with fixture housing
●Do not link the positive and negative terminals in any way

1 PRODUCT SPECIFICATIONS

1.1 TECHNICAL SPECIFICATIONS

LED MODULE

LED MODULE:	4pcsx10W（RGBW 4 in 1 LED）
Voltage	24VDC
Zoom Range	7~60º
Power	40W
Type of bettery	Lithium Battery
IP Rating	IP 44
Operation Temperature	0℃~35℃(operating)
	0℃~35℃(startup)
Dimensions	270x160x160mm
Weight	4.5Kg

1.2 DIMENSIONS

1.3 SAFETY WARNING

2 GETTING STARTED

2.1 OPERATING POSITION

● This lighting fixture is powered using a Lithium Battery which requires that the correct product orientation is always maintained for operation.
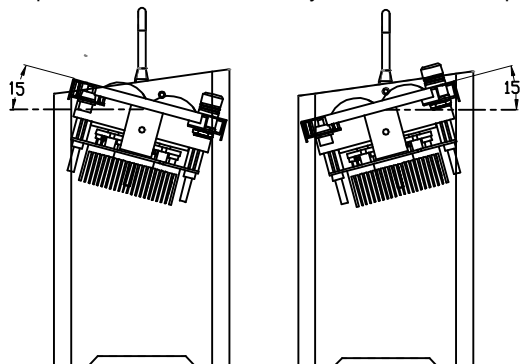
5 EASYPLAY REMOTE CONTROL

5.1 KEY FUNCTIONS
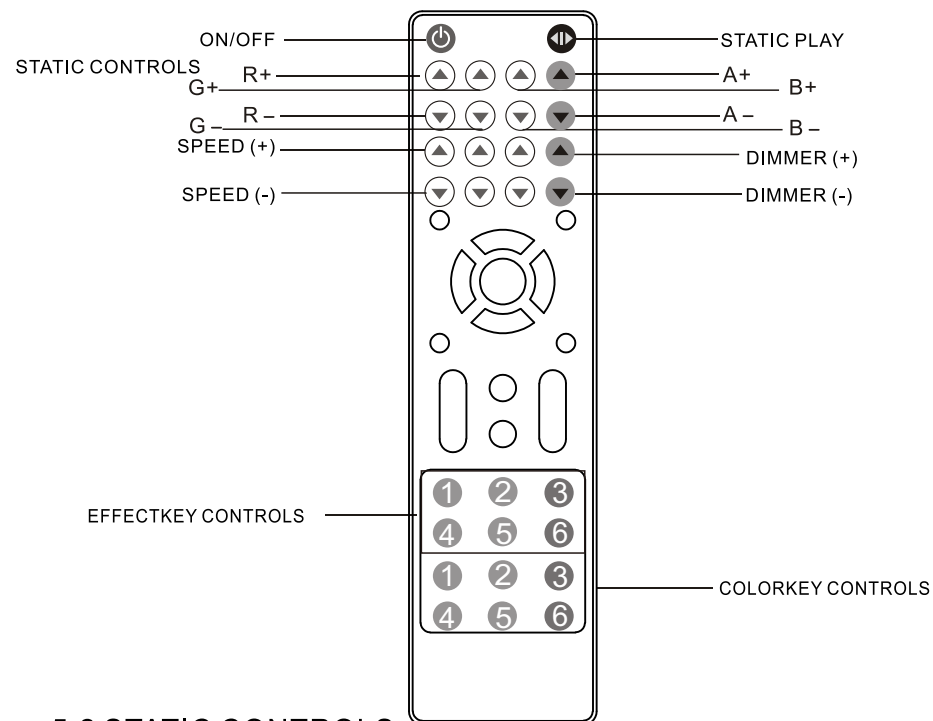
5.2 STATIC CONTROLS

● Select the [STATIC PLAY] key to enter the [STATIC] play mode.
● Adjust [STATIC] play using [RED], [GREEN], [BLUE] and [STROBE].
● Adjust light level using the [DIMMER] keys.

5.3 EFFECT CONTROLS

● Select from [EFFECTKEY 01] to [EFFECTKEY 06] to play required play function (see section 2.3.3 for further information on how to patch [EFFECTKEY])
● Select [SPEED (+)] or [SPEED (-)] to adjust speed play function.
● It is not possible to adjust the light level of the EFFECT programs using the [DIMMER] keys.

5.4 COLOR CONTROLS

● Select from [COLORKEY 01] to [COLORKEY 06] to play required pre-set color (see section 2.3.3 for further information on how to create/edit [COLORKEY])
● Adjust light level using the [DIMMER] keys.
● Edit colors by press & holding a [COLORKEY] until lighting fixtures flash, then adjust using [RED], [GREEN], [BLUE], [STROBE] and [DIMMER] keys. (exit by selecting any other key)

AR2.S

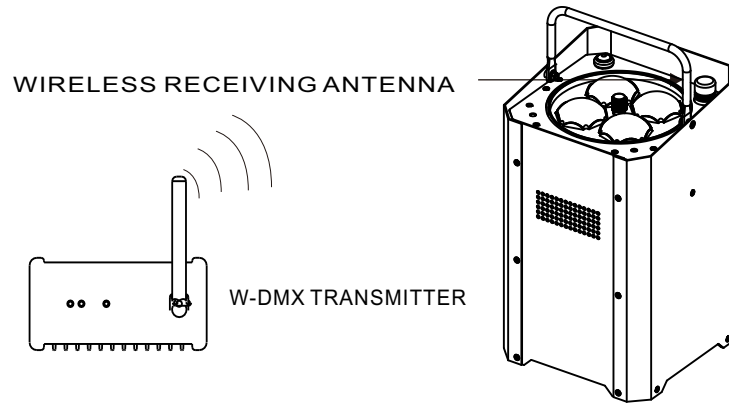| CHANNEL	VALUE	FUNCTION
1	0 ⟺ 255	DIMMER
2	0 ⟺ 255	RED
3	0 ⟺ 255	GREEN
4	0 ⟺ 255	BLUE
5	0 ⟺ 255	WHITE
6	0 ⟺ 255	STROBE

HSV

CHANNEL	VALUE	FUNCTION
1	0 ⟺ 255	HUE
2	0 ⟺ 255	SATURATION
3	0 ⟺ 255	VALUE

5 OPERATION WITH WIRELESS DMX

WIRELESS RECEIVING ANTENNA

W-DMX TRANSMITTER

5.1 When using this lighting fixture with W-DMX receiver installed inside,
the fixture may be placed at a range of 300m from W-DMX transmitter
5.2 Select DMX from the <RUN> menu.
5.3 Select ACTI from the <WDMX> menu and proceed to turn ON the WDMX.
If the WDMX receiver card is already paired with a WDMX transmitter then
the fixture is ready for receiving DMX signal. If the WDMX receiver card needs
to be paired with a new WDMX transmitter, select YES from the <WDMX >/<REST>
menu. The green signal indicator LED will not show which confirms that WDMX receiver
card is unpaired and ready for new pairing.。

ZOOM RANGE (7~60°)

Zoom Range 60°

Zoom Range 7°

2.2 BATTERY CHARGING INPUT

Charger -ve

Charger +ve

Battery charging input
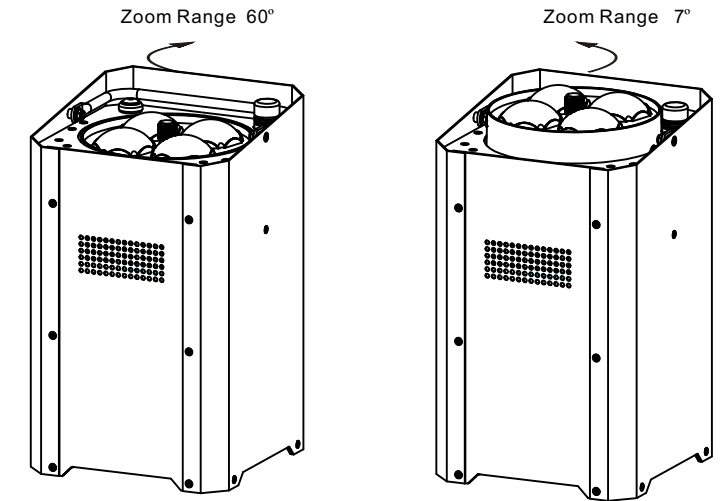
BATTERY CHARGING INPUT
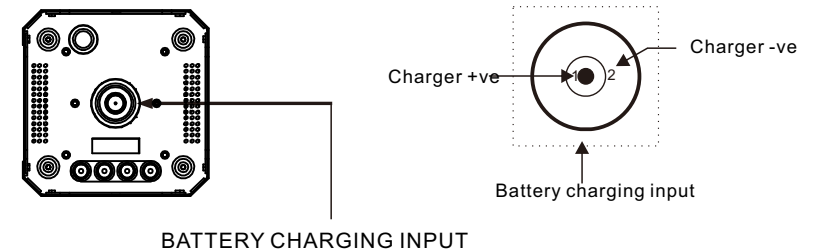
● Do not connect DMX
● Only for specified charger(in flight case or single charger)
● Do not connect any other data cables

2.3 GENERAL OPERATION

ON/OFF Switch

Zoom Knob

IR Receiver

Power Status

GREEN: >70%
YELLOW: >20%
RED: EMPTY

2.3.1 POWER STATUS
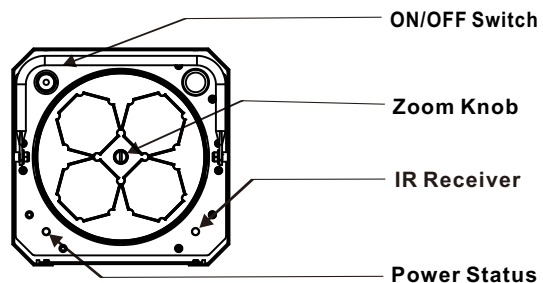● During operation, the **Power Statuas** indicator will indicate the amount of battery power that is remaining. The battery should be recharged when RED is shown.
● During charging, the **Power Statuas** indicator will indicate the amount of battery power that has been charged to the battery. When the battery is fully charged the GREEN LED will immediately switch off.
● In the event that the battery storage switch is OFF, it is not possible to charge the battery. In this case, when the mains power is connected to the fixture, the **Power Statuas** indicator will show GREEN for 30 seconds and then fade out. This shows that electrical contact has been made between the lighting fixture and the battery charging system. The **Battery Storage Swicth** must be ON in order to charge the battery.
● In order to check the current status of the battery, the battery charging system should be turned OFF. The fixture can then be turned ON using the EVENT ON/OFF button and the **Power Statuas** can be checked.

2.3.2 ON/OFF SWITCH
● Press the SWITCH ON/OFF button for 3 seconds to turn on/off lighting fixture (when BATTERY SWITCH is ON)
● SWITCH ON/OFF button indicator LED when showing constant RED indicates lighting fixture is power ON (when slowly flashing indicates that DMX data is successfully received)

2.4   OTHER OPERATIONS

① POWER ON / OFF

② BATTERY CHARGING INPUT

③ DISPLAY
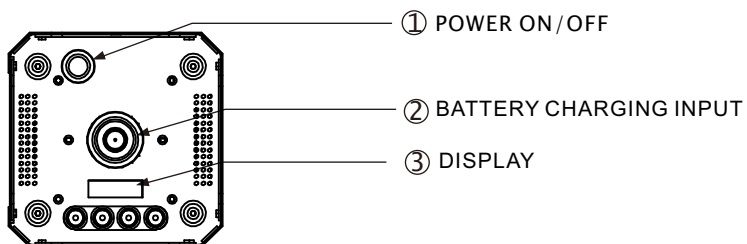
2.4.1 ANTENNA RELEASE
● When releasing support antenna with hand

2.4.2 BATTERY SWITCH
● ON for operation/charging
● OFF for storage (>7 days)
● OFF for maintenance
● Always use the **Battery Switch** when storing for more than 7 days
● **Battery Switch** must be ON for operation and charging

ARC.1

CHANNEL	VALUE	FUNCTION
1	0⟺255	**RED**
2	0⟺255	**GREEN**
3	0⟺255	**BLUE**

ARR.D

CHANNEL	VALUE	FUNCTION
1	0⟺255	**MASTER DIMMER**
2	0⟺255	**RED**
3	0⟺255	**GREEN**
4	0⟺255	**BLUE**

ARC2

CHANNEL	VALUE	FUNCTION
1	0⟺255	**RED**
2	0⟺255	**GREEN**
3	0⟺255	**BLUE**
4	0⟺255	**WHITE**

AR2.D

CHANNEL	VALUE	FUNCTION
1	0⟺255	**DIMMER**
2	0⟺255	**RED**
3	0⟺255	**GREEN**
4	0⟺255	**BLUE**
5	0⟺255	**WHITE**