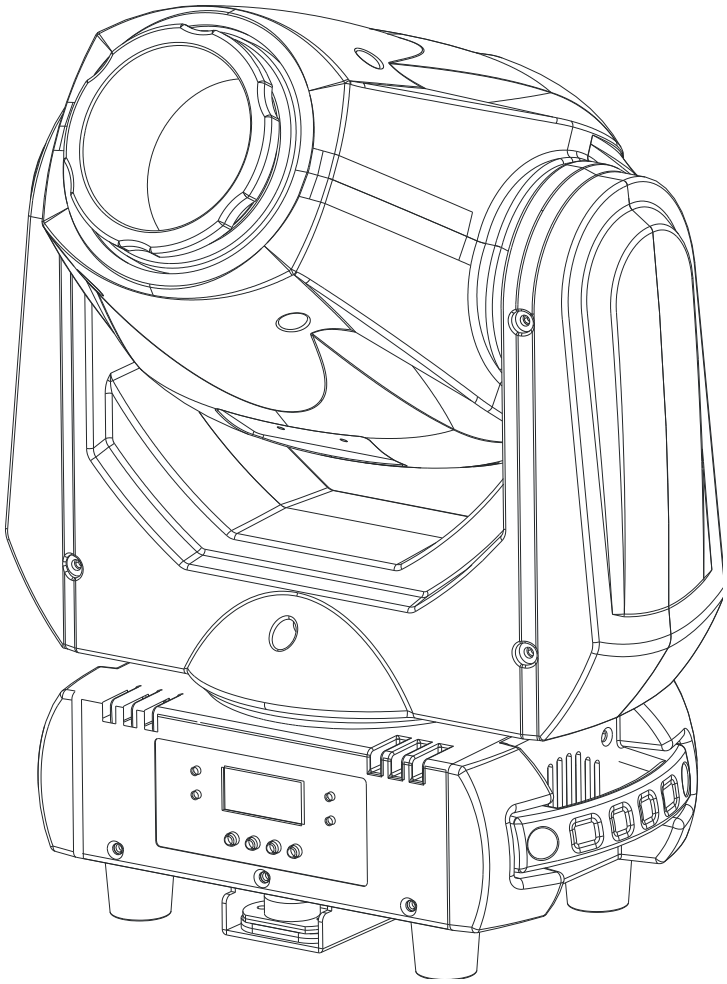
iSolution
Your integrated Solution

iMove 350S



Order Ref: ISIM31 - User Manual

Please read the instructions carefully before use

CONTENTS

1. Safety Instruction

WARNING

Please read carefully the instruction, which includes important information about the installation, usage and maintenance.

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction manual.

- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only. Use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect mains power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is a fire hazard.
- Use a safety cable when mounting this unit. DO NOT handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is Ta: 40°. DO NOT operate it where the temperature is higher than this.
- Unit surface temperature may reach up to 85°. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or servicing.
- 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 authorised technical assistance center. Always use the same type spare parts.
- DO NOT touch any wire during operation as high voltage might cause electric shock.

Warning

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- DO NOT open the unit within fifteen minutes after switching off.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

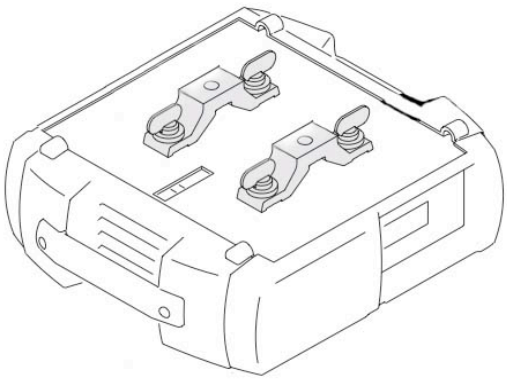
Caution

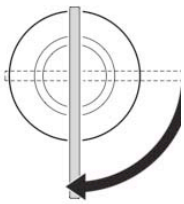
There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

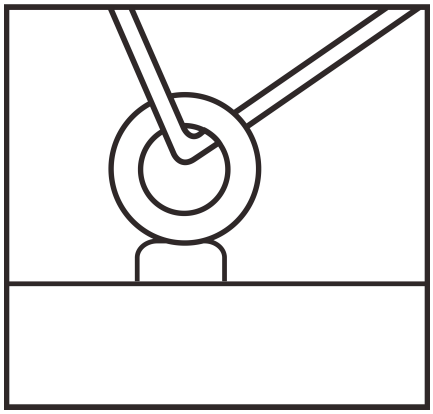
Installation

The unit should be mounted via omega bracket (see below). Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

Professionals must fit the equipment. It must be fixed at a place where is out of reach and has no one passing by or under it.







2. Technical Specifications

Construction:

- Stylish design with fire retardant plastic housing
- Fastening System: 2 x Omega clamps
- Excellent ventilation for reliable operation
- Rotating Gobo Wheel: 6 rotating and changeable gobos plus open
- Color Wheel: 8 colors plus white
- Adjustable manual focus

Pan/Tilt:

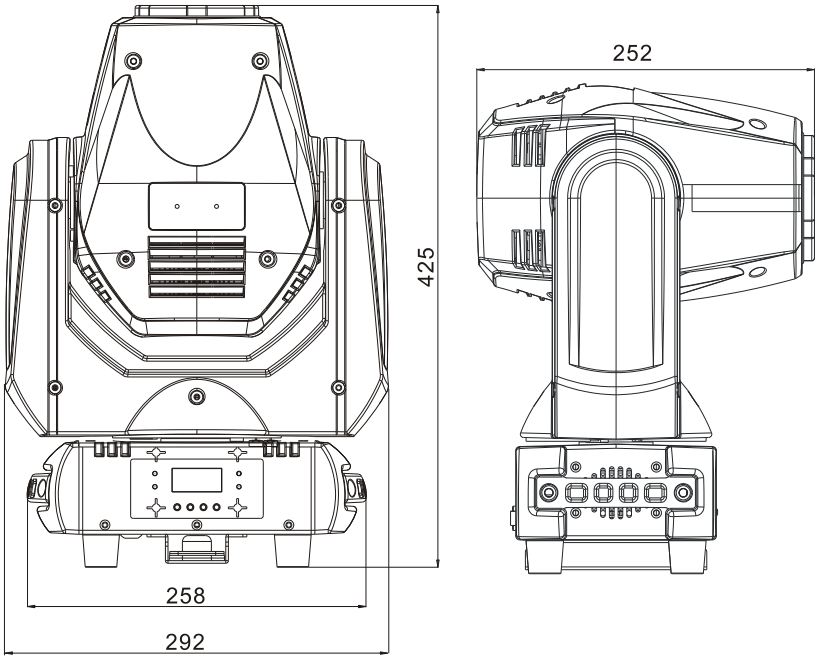
- Pan/Tilt: 540°/270°
- Automatic Pan/Tilt position correction
- Easy calibration and maintenance by magnetic home positioning

Control:

- 3 DMX control modes: DMX, Master/Slave and Sound Active
- DMX channel modes: 8/11CH
- LED display for easy navigation and addressing
- 0~100% smooth dimming and variable strobe speeds
- Data In/Out: 3-PIN XLR sockets
- RDA: Remote DMX addressing, DMX address can be remotely set up by universal controller

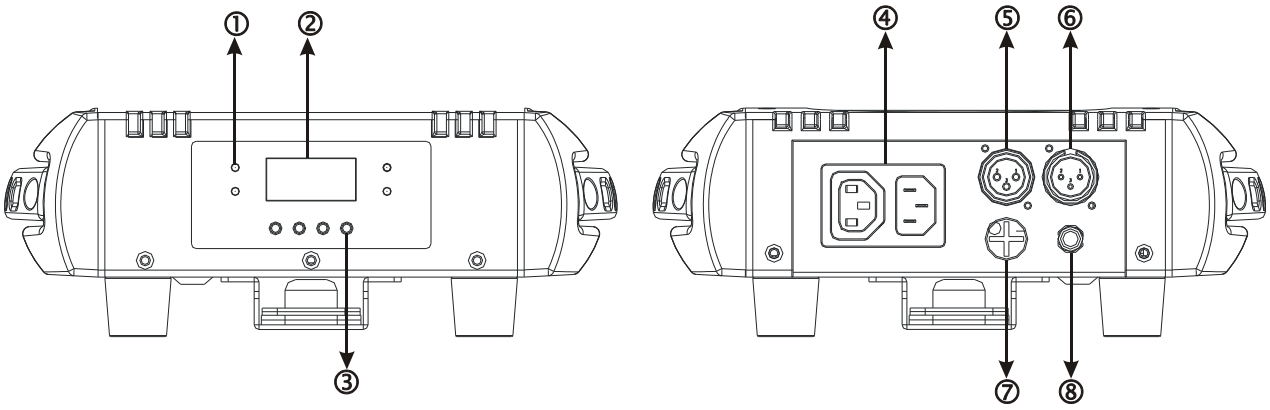
Specification:

- **Power Voltage:** AC 100~240V, 50/60Hz
- **Power Consumption:** 134W
- **Light Source:** 1 x 60W white LED
- **Beam Angle:** 15°
- **Fuse:** T 6.3A
- **Dimensions:** 292 x 252 x 425mm
- **Weight:** 7.2kgs



3. How To Set The Unit

3.1 Rear Panel



1. LED:

DMX	On	DMX input present
MASTER	On	Master Mode
SLAVE	On	Slave Mode
SOUND	Flashing	Sound activation

2. LED Display:

Used to show the various menus and the selected functions;

3. Button:

MENU	To select the programming functions
▼ **DOWN**	To go backward in the selected functions
▲ **UP**	To go forward in the selected functions
ENTER	To confirm the selected functions

4. Power IN/OUT:

Used to connect the fixture to mains power.

5. DMX IN:

For DMX512 link, use 3-pin XLR plug cable to link the DMX controller and the fixture, and input the DMX signal.

6. DMX OUT:

For DMX512 link, use 3-pin XLR plug cable to link the next fixture and output the DMX signal.

7. Fuse (T 6.3A):

Used to protect the fixture from damage of over current.

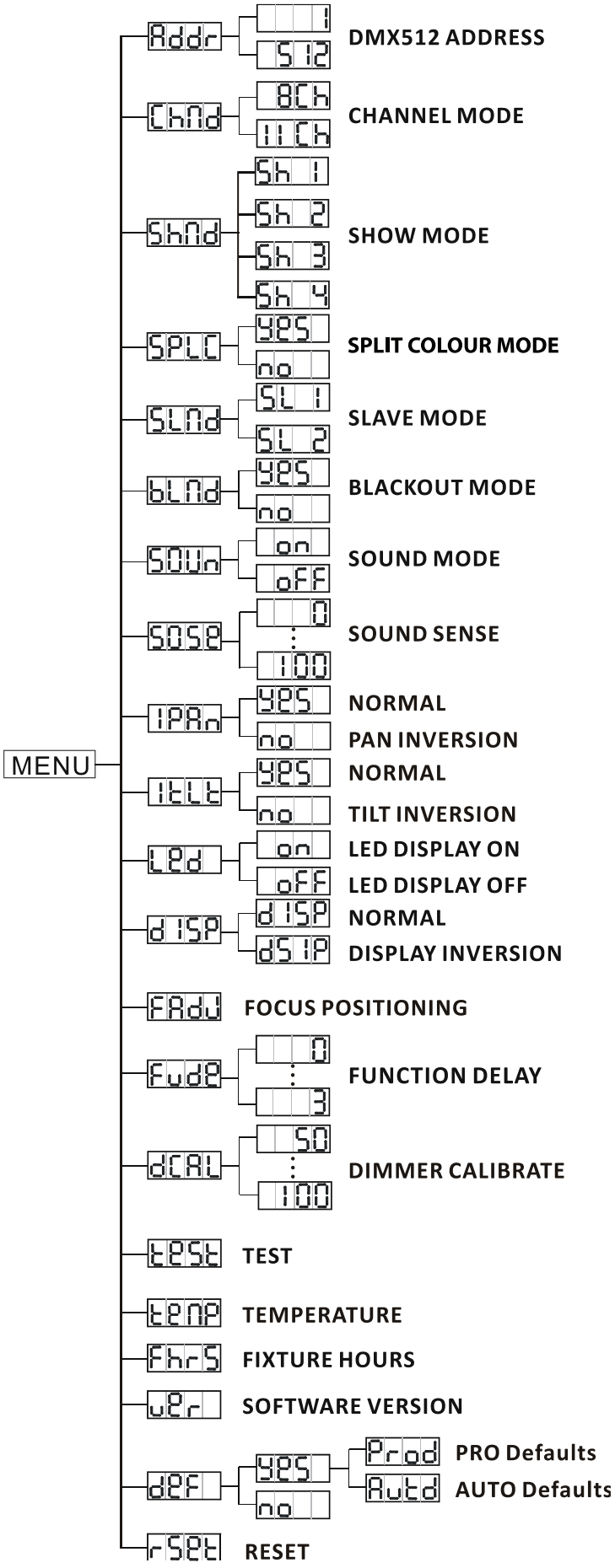
8. Only For Remote Control:

Used to connect with CA-8 to control the fixture for Stand by, Function and Mode select.

3.2 Main Function

To select any functions, press the **MENU** button until the required function is showing on the display. Select the function by pressing the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the mode. Once the required mode has been selected, press the **ENTER** button to setup to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

The main functions are on the next page:


MENU
Addr
001
512
DMX512 ADDRESS
ChNd
8Ch
11Ch
CHANNEL MODE
ShNd
Sh 1
Sh 2
Sh 3
Sh 4
SHOW MODE
SPLC
YES
no
SPLIT COLOUR MODE
SLNd
SL 1
SL 2
SLAVE MODE
bLNd
YES
no
BLACKOUT MODE
SOUn
on
oFF
SOUND MODE
SOSE
000
100
SOUND SENSE
iPAn
YES
no
NORMAL
PAN INVERSION
iTLt
YES
no
NORMAL
TILT INVERSION
LEd
on
oFF
LED DISPLAY ON
LED DISPLAY OFF
diSP
diSP
diSP
NORMAL
DISPLAY INVERSION
FAdJ
FOCUS POSITIONING
FuDE
000
003
FUNCTION DELAY
dCAL
050
100
DIMMER CALIBRATE
tESt
TEST
tEMP
TEMPERATURE
FHrS
FIXTURE HOURS
uEr
SOFTWARE VERSION
dEF
YES
no
Prod
Autd
PRO Defaults
AUTO Defaults
rSEt
RESET

Addr DMX 512 ADDRESS

To select the Addr, press the **ENTER** button to show the **DMX ADDRESS** on the display. Use the **DOWN**/**UP** button to adjust the address from **1** to **512**. Once the address has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

ChNd CHANNEL MODE

To select the ChNd, press the **ENTER** button to show the **DMX CHANNEL MODE** on the display. Use the **DOWN**/**UP** button to select the **8 CH** or **11 CH** mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

ShNd SHOW MODE

To select the ShNd, press the **ENTER** button to show the **SHOW MODE** on the display. Use the **DOWN**/**UP** button to select the Sh 1 (Show 1), Sh 2 (Show 2), Sh 3 (Show 3) or Sh 4 (Show 4) mode. Once the show mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

SPLC SPLIT COLOUR MODE

To select the SPLC, press the **ENTER** button to show the **SPLIT COLOUR MODE** on the display. Use the **DOWN**/**UP** button to select the YES (split colour mode) or no (normal). Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

SLAVE MODE

To select the SLAVE, press the **ENTER** button to show the **SLAVE MODE** on the display. Use the **DOWN**/**UP** button to select the SL 1 (normal), SL 2 (2 light show) mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

BLACKOUT MODE

To select the BLND, press the **ENTER** button to show the **BALCKOUT MODE** on the display. Use the **DOWN**/**UP** button to select the YES (blackout) or no (normal) mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

SOUND MODE

To select the SOUN, press the **ENTER** button to show the **SOUND MODE** on the display. Use the **DOWN**/**UP** button to select the on (sound mode on) or oFF (sound mode off). Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

SOSE SOUND SENSE

To select the SOSE, press the **ENTER** button to show the **SOUND SENSE** on the display. Use the **DOWN**/**UP** button to adjust the sound sensitivity from **0** to **100**. Once selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

IPAn PAN INVERSION

To select the IPAn, press the **ENTER** button to show the **PAN INVERSION** on the display. Use the **DOWN**/**UP** button to select the yES (pan inversion) or no (normal) mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

ItLt TILT INVERSION

To select the ItLt, press the **ENTER** button to show the **TILT INVERSION** on the display. Use the **DOWN**/**UP** button to select the yES (tilt inversion) or no (normal) mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

Led LED DISPLAY

To select the Led, press the **ENTER** button to show the **LED DISPLAY** on the display. Use the **DOWN**/**UP** button to select the on (LED display on) or oFF (LED display off) mode. Once the mode has been selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

dISP DISPLAY

To select the dISP, press the **ENTER** button to show the **DISPLAY** on the display. Use the **DOWN**/**UP** button to select the dISP (normal) or dSIP (display inversion). To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode:

dISP Display normal mode for the fixture putting on the floor;

dSIP Display inversion mode for the fixture fixing under ceiling.

FAdJ FOCUS POSITION

To select the FAdJ, press the **ENTER** button to show the **FOCUS POSITION** on the display. Then press the **ENTER** button and the unit will run the built-in programmed for focus positioning. To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

FudE FUNCTION DELAY

To select the FudE, press the **ENTER** button to show the **FUNCTION DELAY** on the display. Use the **DOWN**/**UP** button to select the delay time, **0** (no delay) or **1/2/3** (Wait for 1/2/3 seconds before these Functions of 8/11 CH are activated/deactivated). Once selected, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

dCAL DIMMER CALIBRATION

To select the dCAL, press the **ENTER** button to show the **DIMMER CALIBRATE** on the display. Use the **DOWN**/**UP** button to calibrate the dimmer for a maximum output from **50** (limited to 50% of the really max. output) to **100** (maximum output is not limited). Once calibrated, press the **ENTER** button to setup, to go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

tESt TEST

To select the tESt, press the **ENTER** button to show the **TEST** on the display and the unit will run a self-test . To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

TEMPERATURE

To select the tEMP, press the **ENTER** button to show the **TEMPERATURE** on the display and the display will show the temperature of the unit . To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

FIXTURE HOURS

To select the FHrS, press the **ENTER** button to show the **FIXTURE HOURS** on the display and the display will show the number of working hours of the unit . To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

SOFTWARE VERSION

To select the uEr, press the **ENTER** button to show the **SOFTWARE VERSION** on the display and the display will show the version of software of the unit . To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

DEFAULTS SETTING

To select the dEF, press the **ENTER** button to show the **DEFAULTS SETTING** on the display. Use the **DOWN**/**UP** button to select the yES or no. Once the yES has been selected, press the **ENTER** button, and use the **DOWN**/**UP** button to select the Prod (PRO Defaults) or AutO (AUTO Defaults) mode.

Prod For professional users, detailed explanation as followings:

- ChNd → 11Ch
- SPLC → yES
- SLNd → SL 1

- bLnd → yES
- SOUn → oFF
- SOSE → 90
- IPPn → no
- ItLt → no
- LEd → oFF
- FudE → 3

AutO Mostly automatic mode, for non professional users, detailed explanation as followings:

- ChnO → 8 Ch
- SPLC → no
- SLnd → SL 1
- bLnd → no
- SOUn → on
- SOSE → 90
- IPPn → no
- ItLt → no
- LEd → on
- FudE → 3

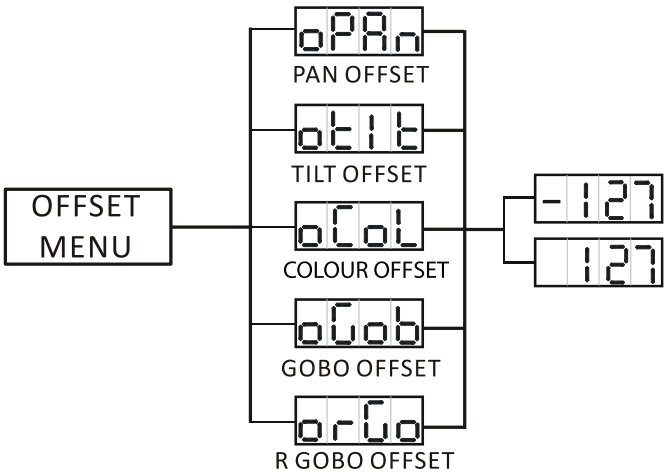
(**Notice**: Other settings are NOT changed while choosing Defaults Setting!)

Press the **ENTER** button and the corresponding functions will set to defaults setting. To go back to the functions without any changes press the **MENU** button again. Hold and press the **MENU** button for one second or wait for one minute to exit the menu mode.

rSEt **RESET**

To select the rSEt, press the **ENTER** button to show the **RESET** on the display. Press the **ENTER** button and all channels of the unit will return to their standard position.

3.3 Home Position Adjustment



oPAn — Pan home position adjustment

To select the oPAn, press the **ENTER** button to show the **PAN OFFSET** on the display. Use the **DOWN** and **UP** button to adjust the value from -127 to 127, press the **ENTER** button to store. Press the **MENU** button to exit.

otlt — Tilt home position adjustment

To select the otlt, press the **ENTER** button to show the **TILT OFFSET** on the display. Use the **DOWN** and **UP** button to adjust the value from -127 to 127, press the **ENTER** button to store. Press the **MENU** button to exit.

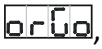
oCoL — Colour home position adjustment

To select the oCoL, press the **ENTER** button to show the **COLOUR OFFSET** on the display. Use the **DOWN** and **UP** button to adjust the value from -127 to 127, press the **ENTER** button to store. Press the **MENU** button to exit.

oGob — Gobo home position adjustment

To select the oGob, press the **ENTER** button to show the **GOBO OFFSET** on the display. Use the **DOWN** and **UP** button to adjust the value from -127 to 127, press the **ENTER** button to store. Press the **MENU** button to exit.

 — Gobo rotation home position adjustment

To select the  , press the **ENTER** button to show the **R GOBO OFFSET** on the display. Use the **DOWN** and **UP** button to adjust the value from -127 to 127, press the **ENTER** button to store. Press the **MENU** button to exit.

4. How to Control the Unit

There are three ways to control the unit:

1. Master/slave built-in preprogram function
2. Easy controller
3. Universal DMX controller

No need to turn the unit off when you change the DMX address, as the new DMX address setting will be in affect at once. Every time you turn the unit on, it will show "  " on the display and move all the motors to their 'home' position and you may hear some noises for about 20 seconds. After that the unit will be ready to receive DMX signal or run the built in programs.

4.1 Master/Slave Built In Preprogrammed Function

By linking the units in master/slave connection, the first unit will control the other units to give an automatic, sound activated, synchronized light show. This function is good when you want an instant show. You have to set the first unit in master mode  and select (show 1),  (Show 2),  (Show 3) or  (show 4) mode. Its DMX input jack will have nothing plugged into it, and its master LED will be constantly on and sound LED will flash to the music. The other units will have to be set in slave mode and select  (normal) or  (2 light show) mode. Their DMX cables plugged into the DMX input jacks (daisy chain) and the slave LED lights will be constantly be on.

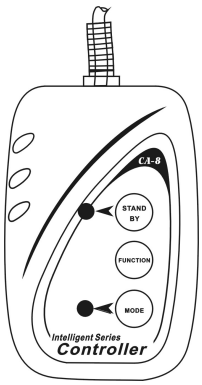
2-light show

In slave mode,  means the unit works normally and  means 2-light show. In order to

create a great light show, you can set SL 2 on the second unit to get contrast movement to each other, even if you have only two units.

4.2 Easy Controller

The easy remote control is used only in master/slave mode. By connecting to the 1/4" microphone jack of the first unit, you will find that the remote controller on the first unit will control all the other units for Stand by, Function and Mode selection.



Stand By	Blackout the unit		
Function	1. Sync. Strobe 2. Async strobe 3. Sound Strobe	Show 1-4	1. Press to select color 2. Hold to select gobo
Mode	Sound (LED OFF)	Show (LED Slow Blinking)	LED ON

4.3 DMX Controller

Using a universal DMX controller to control the units, you have to set DMX address from 1 to 512 channel so that the units can receive DMX signal.

Press the **MENU** button up to when the Addr is showing on the display. Press the **ENTER** button and the display will blink. Use the **DOWN** and **UP** button to change the DMX512 address. Once the address has been selected, press and keep the **ENTER** button pressed up to when the display stops blinking or storing automatically 7 seconds later. To go back to the functions without any change press the **MENU** button again.

Please refer to the diagrams on the next page to address your DMX512 channel for the first 4 units.

8 Channel Mode: 1 9 17 25

11 Channel Mode: 1 12 23 34

5. DMX512 Configuration

8 Channel Mode:

8 Channels Mode

Ch1	Ch2	Ch3	Ch4
Pan	Tilt	Shutter	Gobo
255 540° 0 0°	255 270° 0 0°	248-255 Open 240-247 Random Strobe 232-239 Open 190-231 Fast Open Slow Close 182-189 Open 140-181 Fast Close Slow Open 132-139 Open 016-131 Fast ⚡⚡⚡ ⚡⚡ ⚡ Slow 008-015 Open 000-007 Blackout	255 Rotation Fast 194 Rotation Slow 190-193 Stop 189 Rotation Slow 128 Rotation Fast 120-127 Gobo7 shaking 110-119 Gobo6 shaking 101-109 Gobo5 shaking 092-100 Gobo4 shaking 083-091 Gobo3 shaking 074-082 Gobo2 shaking 064-073 Gobo1 shaking 056-063 Gobo7 048-055 Gobo6 040-047 Gobo5 032-039 Gobo4 024-031 Gobo3 016-023 Gobo2 008-015 Gobo1 000-007 Open

Ch5		Ch6	Ch7	Ch8
Colour Wheel (Normal)	Colour Wheel (Split Colour Mode)	R-Gobo	Dimmer	Function
255 Rotation Fast 194 Rotation Slow 190-193 Stop 189 Rotation Slow 128 Rotation Fast 113-127 Colour8 099-112 Colour7 085-098 Colour6 071-084 Colour5 057-070 Colour4 043-056 Colour3 029-042 Colour2 015-028 Colour1 000-014 White	255 Rotation Fast 194 Rotation Slow 190-193 Stop 189 Rotation Slow 128 Rotation Fast 120-127 Colour8 113-119 Colour7 + Colour8 105-112 Colour7 098-104 Colour6 + Colour7 090-097 Colour6 083-089 Colour5 + Colour6 075-082 Colour5 068-074 Colour4 + Colour5 060-067 Colour4 053-059 Colour3 + Colour4 045-052 Colour3 038-044 Colour2 + Colour3 030-037 Colour2 023-029 Colour1 + Colour2 015-022 Colour1 008-014 White + Colour1 000-007 White	128 Rotation Fast 194 Rotation Slow 190-193 Stop 189 Rotation Slow 128 Rotation Fast 000-127 Index 0° ~360°	255 100% 0 0%	250-255 Sound Active 210-249 No Function 200-209 Reset All 130-199 No function 120-129 Disable blackout while Gobo changing 110-119 Enable blackout while Gobo changing 100-109 Disable blackout while Color changing 090-099 Enable blackout while Color changing 080-089 Disable blackout while Pan/Tilt moving 070-079 Enable blackout while Pan/Tilt moving 000-069 No Function

11 Channel Mode:

11 Channels Mode

Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7
Pan	Pan Fine	Tilt	Tilt Fine	Pan/Tilt Speed	Dimmer	Shutter
255 540° 0 0°	255 0	255 270° 0 0°	255 0	255 Slow 0 Fast	255 100% 0 0%	248-255 Open 240-247 Random Strobe 232-239 Open 190-231 Fast Open Slow Close 182-189 Open 140-181 Fast Close Slow Open 132-139 Open 016-131 Fast 008-015 Slow Open 000-007 Blackout

Ch8		Ch9	Ch10	Ch11
Colour Wheel (Normal)	Colour Wheel (Split Colour Mode)	Gobo	R-Gobo	Function
255 Rotation Fast	255 Rotation Fast	255 Rotation Fast	128 Rotation Fast	250-255 Sound Active
194 Rotation Slow	194 Rotation Slow	194 Rotation Slow	194 Rotation Slow	210-249 No Function
190-193 Stop	190-193 Stop	190-193 Stop	190-193 Stop	200-209 Reset All
189 Rotation Slow	189 Rotation Slow	189 Rotation Slow	189 Rotation Slow	130-199 No function
128 Rotation Fast	128 Rotation Fast	128 Rotation Fast	128 Rotation Fast	120-129 Disable blackout while Gobo changing
113-127 Colour8	120-127 Colour8	120-127 Gobo7 shaking	000-127 Index 0° ~360°	110-119 Enable blackout while Gobo changing
099-112 Colour7	113-119 Colour7 + Colour8	110-119 Gobo6 shaking		100-109 Disable blackout while Color changing
085-098 Colour6	105-112 Colour7	101-109 Gobo5 shaking		090-099 Enable blackout while Color changing
071-084 Colour5	098-104 Colour6 + Colour7	092-100 Gobo4 shaking		080-089 Disable blackout while Pan/Tilt moving
057-070 Colour4	090-097 Colour6	083-091 Gobo3 shaking		070-079 Enable blackout while Pan/Tilt moving
043-056 Colour3	083-089 Colour5 + Colour6	074-082 Gobo2 shaking		000-069 No Function
029-042 Colour2	075-082 Colour5	064-073 Gobo1 shaking		
015-028 Colour1	068-074 Colour4 + Colour5	056-063 Gobo7		
000-014 White	060-067 Colour4	048-055 Gobo6		
	053-059 Colour3 + Colour4	040-047 Gobo5		
	045-052 Colour3	032-039 Gobo4		
	038-044 Colour2 + Colour3	024-031 Gobo3		
	030-037 Colour2	016-023 Gobo2		
	023-029 Colour1 + Colour2	008-015 Gobo1		
	015-022 Colour1	000-007 Open		
	008-014 White + Colour1			
	000-007 White			


Gobo 1


Gobo 2

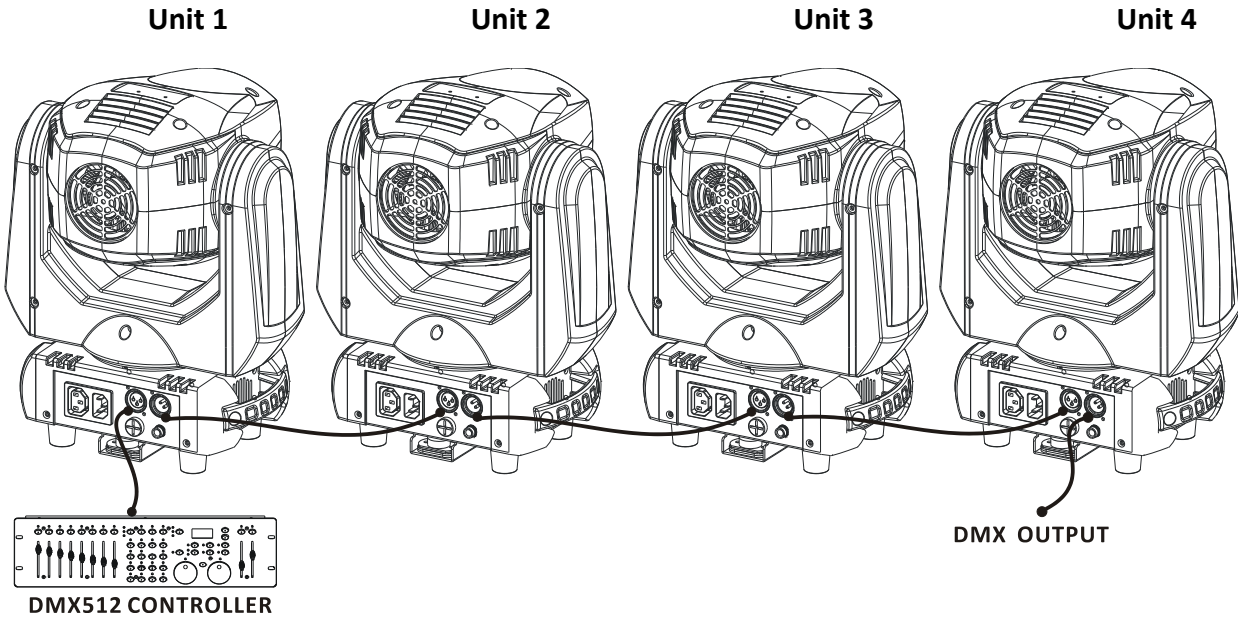

Gobo 3

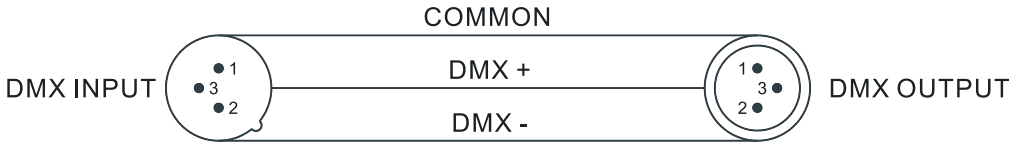

Gobo 4


Gobo 5


Gobo 6

6. DMX Connection





Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal.
(Resistance 120 ohm 1/4W)between pin2(DMX-)and pin3(DMX+) of the last fixture(CABL59/CABL90).

1. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.
2. Connect the unit together in a `daisy chain` by XLR plug from the output of the unit to the input of the next unit. The cable can not branched or split to a `Y` cable. DMX 512 is a very high-speed signal. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.
3. The DMX output and input connectors are pass-through to maintain the DMX circuit, when power is disconnected to the unit.
4. Each lighting unit needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).
5. The end of the DMX 512 system should be terminated to reduce signal errors.

6. 3 pin XLR connectors are more popular than 5 pin XLR.

   3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

   5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

   Pin 4/5: Not used.

7. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The fixture does not work, no light

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if linking properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. Some fixtures don't respond to the easy controller

1. You may have a break in the DMX cabling.
2. Check the LED for the response of the master/ slave mode signal.

D. No response to the sound

1. Make sure the fixture does not receive DMX signal.
2. Check microphone to see if it is good by tapping the microphone.

E. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

8. Fixture Cleaning

Cleaning must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: moist, smoky or particularly dirty surroundings can cause greater accumulation of dirt on the fixture.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Declaration of Conformity

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55103-1: 2009 ; EN55103-2: 2009; EN62471: 2008;
EN61000-3-2: 2006 + A1:2009 + A2:2009; EN61000-3-3: 2008.

&

Harmonized Standard

EN 60598-1:2008 + All:2009; EN 60598-2-17:1989 + A2:1991; EN 62471:2008; EN 62493: 2010
Safety of household and similar electrical appliances
Part 1: General requirements

English

Correct Disposal of this Product
(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with seperate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please seperate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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