ACME®
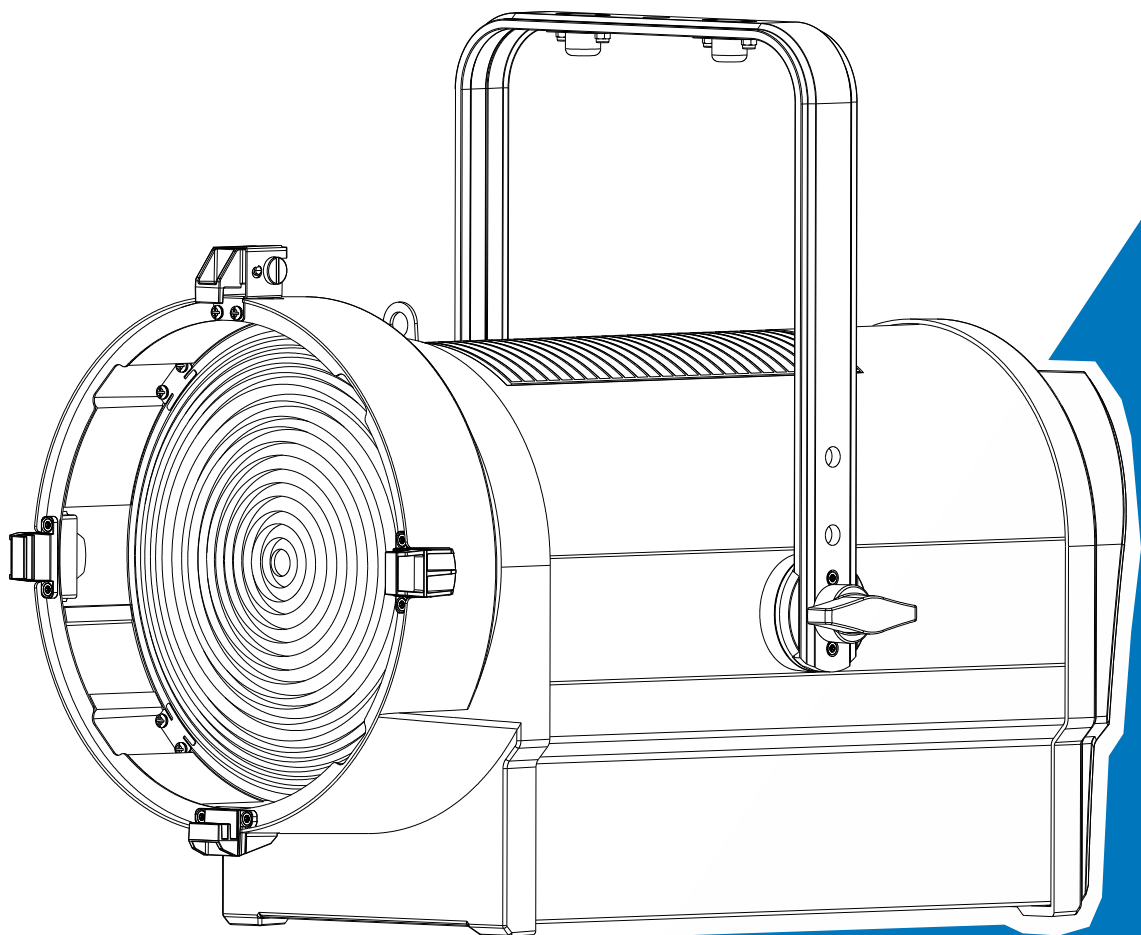
Theatre Spot 500

User Manual
Please read the instruction carefully before use

CONTENTS

01/ Safety Instructions

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

WARNING

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.

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.

- Unpack and check carefully to ensure that there is no transportation damage before using the unit.
- This product is for indoor use only. Use only in a dry location.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.
- Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Minimum ambient temperature TA: 0℃. Maximum ambient temperature TA: 40℃. Do not operate this product at a lower or higher temperature.
- DO NOT connect the device to any dimmer pack.
- Keep flammable materials away from the fixture while operating to avoid fire hazard.
- Make sure the power cord is not crimped or damaged; replace it immediately if damaged.
- Unit's surface temperature may reach up to 55℃. DO NOT touch the housing bare-handed during its operation.
- Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut

off the mains power immediately.

- DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly.

- DO NOT touch any wire during operation as there might be a hazard of electric shock.

- Avoid entanglement of the power cord with other wires.

- The minimum distance to objects/surface must be more than 1 meter.

- In the event of serious operating problem, stop using the unit immediately.

- Never turn on and off the unit time after time.

- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

- DO NOT open the housing as there are no user serviceable parts inside.

- DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.

- Disconnect this product from its power source before servicing.

- DO use the original packaging if the device is to be transported.

- Avoid direct eye exposure to the light source while the product is on.

- DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once.

Power Voltage	100-240V~ 50/60Hz	
Power Consumption	460W	
Light Source	C117HC1462-450-001-5595 (CW)	
	C117HC1462-450-001-3295 (WW)	
Color Temperature	5600±200K (CW)	
	3200±150K (WW)	
Zoom Range	14°-74°	
Control	DMX Channel	4/6 Channels
	Control Mode	DMX512
		RDM
		Art-Net
		sACN
		Primary/Secondary Mode
	Firmware Upgrade	Firmware Upgrade via DMX link
Construction	Display	LCD display
	Data In/Out	5-pin XLR (3-pin XLR is optional)
		RJ45 Connector
	Power In/Out	Power Connector in/out
	Protection Rating	IP20
Features	0-100% smooth dimming + Manually dimmer control	
	Motorized zoom + Manually zoom control	
Dimensions	320x569x462mm	12.6"x22.4"x18.2"in
Weight	15.5kgs	34.2lbs
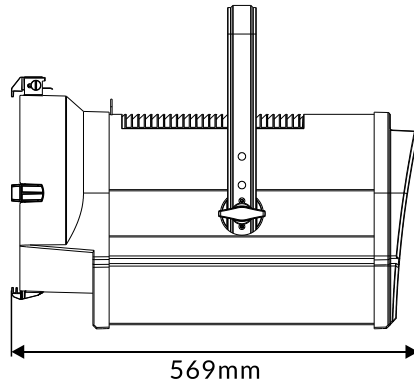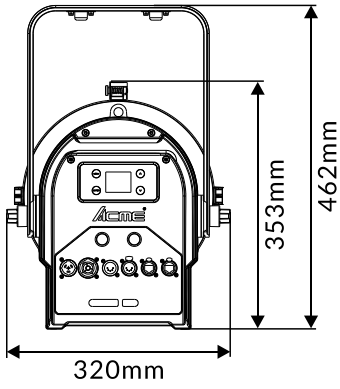
Photometric Diagram:
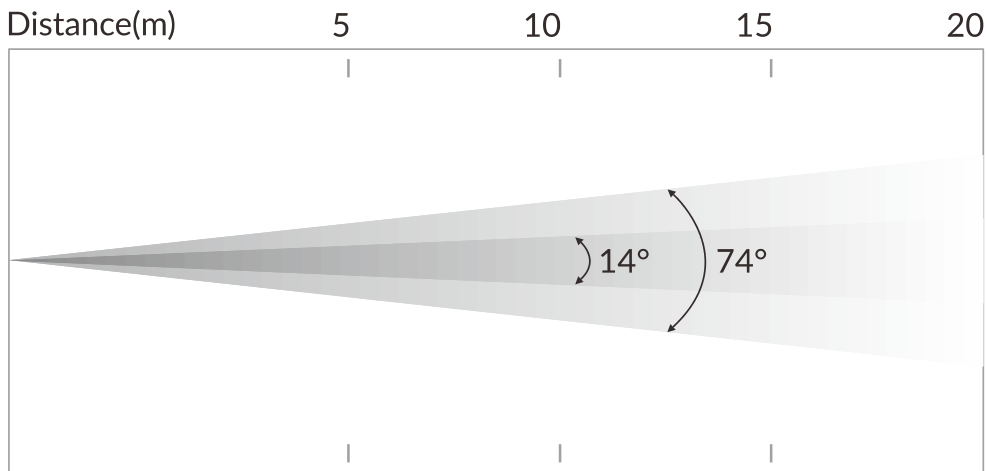
Distance(m)	5	10	15	20
14° CW Lux	12,576	3,144	1,397	786
14° WW Lux	11,328	2,832	1,258	708
Diameter(m)	1.2	2.4	3.6	4.9
74° CW Lux	2,200	550	244	137
74° WW Lux	1,950	487	216	121
Diameter(m)	5.1	9.8	14.4	19.1

03/ Control Panel
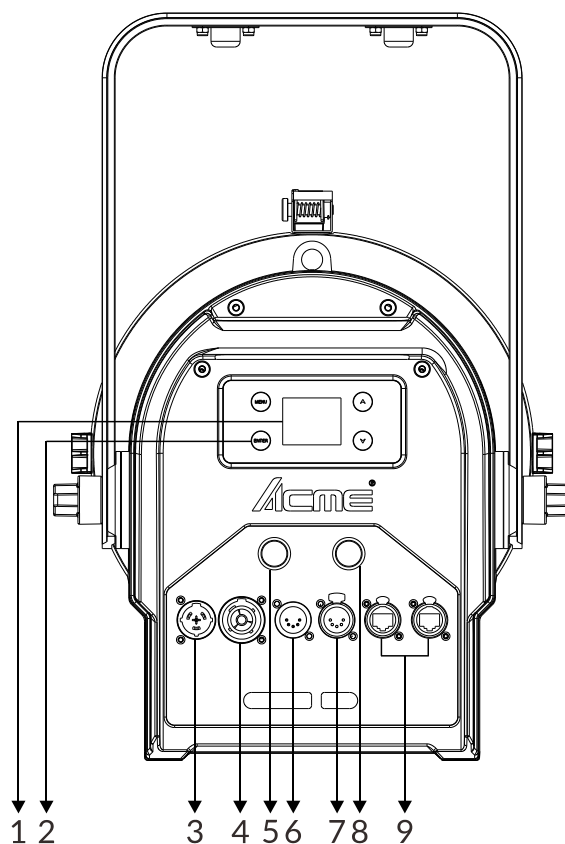
1. Display	To show the various menus and the selected function	
	MENU	To enter into move backward or leave the menu
	⌃ UP	To go backward to move up in the menu
2. Buttons	⌄ DOWN	To go forward to move down in the menu
	ENTER	To perform the desired functions
3. POWER IN	To connect to supply power	
4. POWER OUT	To connect to the next fixture	
5. DIMMER	Manually adjust the dimmer value	
6. DMX IN	For DMX512 link, use 5-pin XLR cable to link the unit and DMX controller to input DMX signal (3-pin XLR cable is optional)	
7. DMX OUT	For DMX512 link, use 5-pin XLR cable to link the next units to output DMX signal (3-pin XLR cable is optional)	
8. ZOOM	Manually adjust the zoom value	
9. ETHERNET	Transfers fixture's information to a main controller	

04/ Fixture Installation

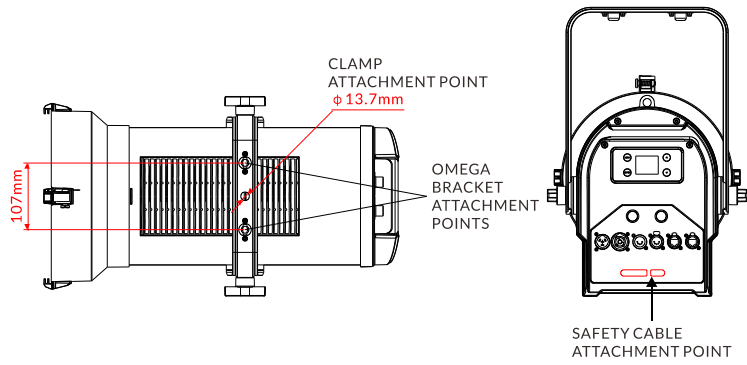▶ DO install and operate by qualified operator. Fixture(s) should be installed in areas outside walking paths, seating areas, or away from areas were unauthorized personnel might reach the fixture by hand. NEVER stand directly below the fixture(s) when rigging, removing or servicing.

▶ Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always attach a safety cable that can hold at least 12 times the weight of the fixture whenever installing this fixture in a suspended environment to ensure that the fixture will not fall if the clamp fails.

▶ This fixture is fully operational in two different mounting positions: hanging on trussing, or standing on the floor. DO NOT mount this fixture sideways on trussing. Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

4.1 Hanging the Fixture

CLAMP
ATTACHMENT POINT
φ 13.7mm

107mm

OMEGA
BRACKET
ATTACHMENT
POINTS

SAFETY CABLE
ATTACHMENT POINT

Steps for installing the clamp:

CLAMP

SAFETY CABLE
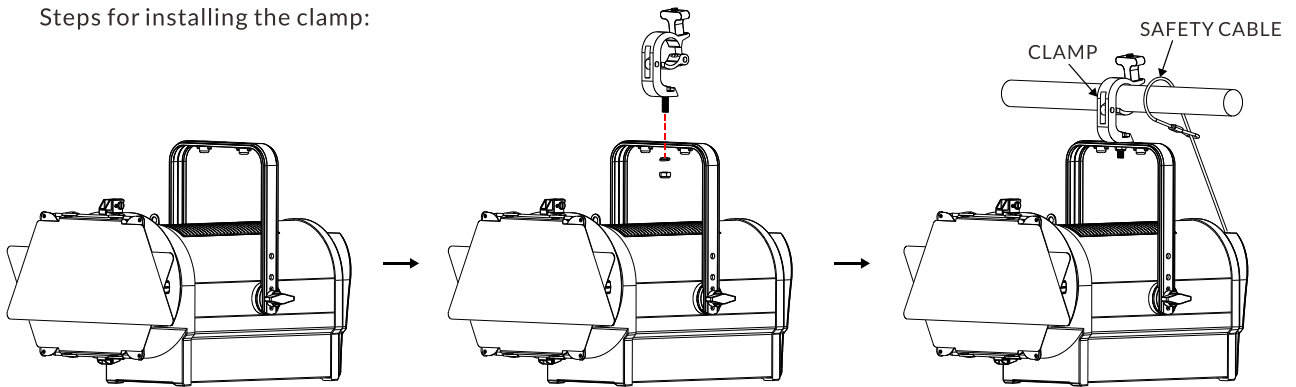
Steps for installing the omega bracket:

CLAMP

SAFETY CABLE

OMEGA BRACKET
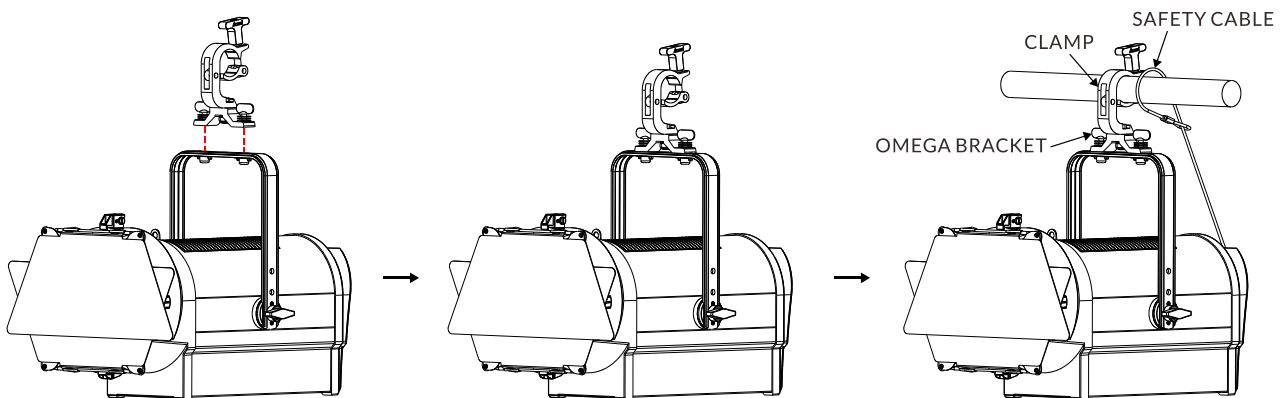
4.2 Steps for Installing Color Filter & Barn Door

As shown in the figure, press the button on the lock catch in the direction indicated by the arrow ① to open the lock catch ②.
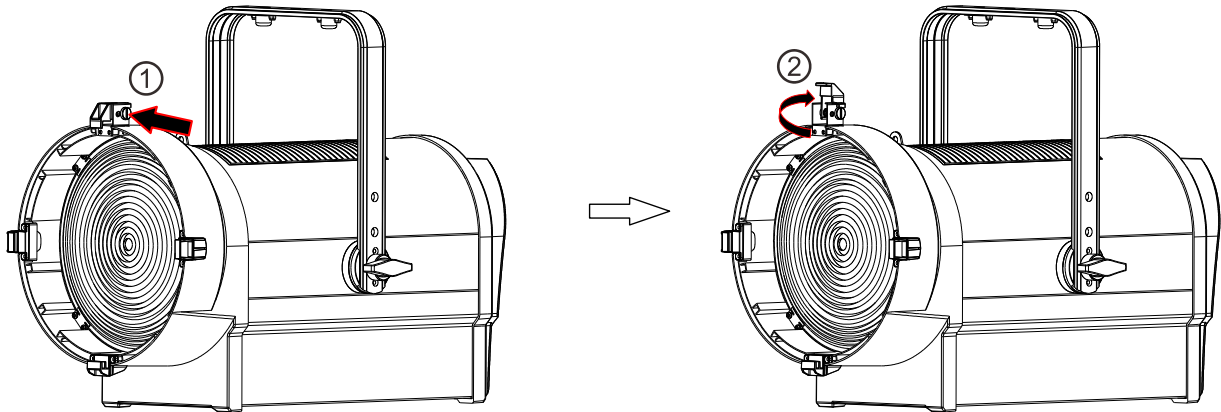
According to the direction indicated by the arrow, insert the color filter into the inner groove (the groove on the inside) from top to bottom ③.
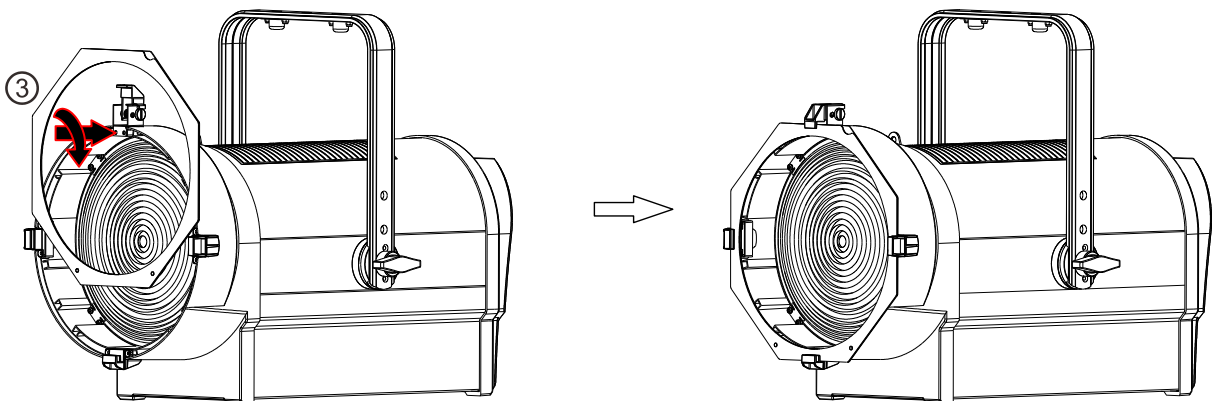
According to the direction indicated by the arrow, insert the barn door into the outer groove (the groove on the outside) from top to bottom ④. Pull down the lock catch (note: the barn door should be buckled in the hook of the lock catch) ⑤, and re-lock the lock catch to prevent the barn door and the color filter from slipping.
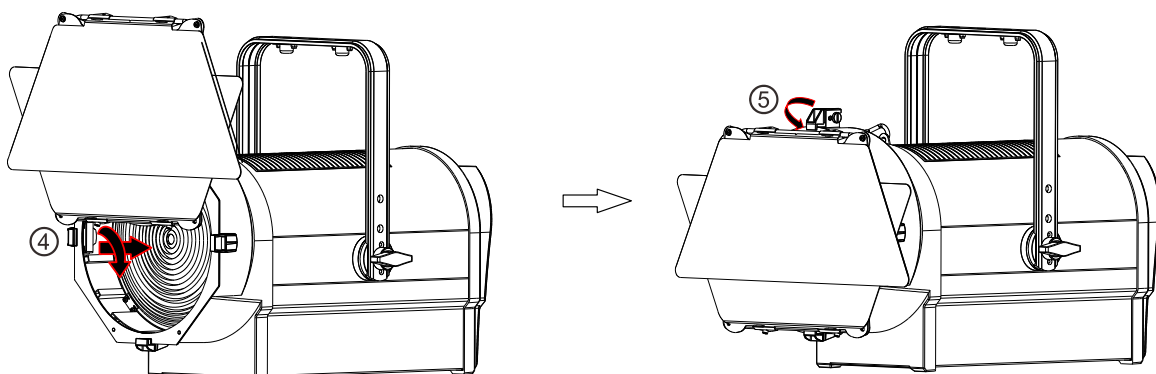
5.1 Main Functions

▶ To access the control menus, press the [MENU] button.

▶ Navigate the menu structure, using the [ENTER], [▲ UP] and [▼ DOWN] buttons.

▶ To select a menu option or to confirm a selection, press the [ENTER] button.

▶ To return to a higher level in the menu structure without making a change, press the [MENU] button, or wait 30 seconds.

The main functions are shown below:

MENU	SUBMENU	OPTIONS		
DMX Settings	DMX Address	1-509 (4 CH)	(Default=1)	
		1-507 (6 CH)		
	DMX Channel Mode	4 CH		
		6 CH		
	No DMX Status	Blackout		
		Hold		
		Manual		
	View DMX Value			
	Connect Option	Auto		
		DMX		
		Art-Net		
		sACN		
	Network	IP Address	Default 1:002.xxx.xxx.xxx	
			Default 2:010.xxx.xxx.xxx	
			Manual:xxx.xxx.xxx.xxx	
		Subnet Mask	xxx.xxx.xxx.xxx	
	Art-Net Settings	Net	0-127	(Default=0)
		Sub-Net	0-15	(Default=0)
		Universe	0-15	(Default=0)
	sACN Settings	Universe	1-32000	(Default=1)
		Priority	0-200	(Default=100)
	Artnet to DMX	No		
		Yes		

MENU	SUBMENU	OPTIONS	
Fixture Settings	Dimmer Curve	Linear	
		Square Law	
		Inv SQ Law	
		S Curve	
	Dimmer Speed	Fast	
		Smooth	
	LED Refresh Rate	900Hz	
		1000Hz	
		1100Hz	
		1200Hz	
		1300Hz	
		1400Hz	
		1500Hz	
		2500Hz	
		4000Hz	
		5000Hz	
		6000Hz	
		10000Hz	
		15000Hz	
		20000Hz	
		25000Hz	
	Pri./Sec. Mode	Secondary	
		Primary	
Display Settings	Display Invert	No	
		Yes	
	Backlight Intensity	1-10	(Default=10)
	Temperature Unit	°C	
		°F	
	Language	English	
		Chinese	
Fixture Test	Auto Test		
	Manual Test	Clear	No/Yes
		Dimmer	0-255
		Zoom	0-255

MENU	SUBMENU	OPTIONS		
Fixture Information	Fixture Use Hour			
	LED Use Hour	Total LED Hour		
		LED On Hour		
		LED Hours Reset	Password=050	
	Temperature	Current		
		Max temp		
	Firmware Version			
	RDM UID			
	Error Logs	Fixture Errors		
		Reset Error Logs	No	
			Yes	Password=050
Reset Functions	All Reset	No		
		Yes		
Factory Restore	No			
	Yes			

DMX Settings

Enter the control menu and select **DMX Settings**, press ENTER. Use the UP/DOWN button to select **DMX Address, DMX Channel Mode, No DMX Status, View DMX Value, Connect Option, Network, Art-Net Settings, sACN Settings** or **Artnet to DMX.**

DMX Address

Select **DMX Address,** press ENTER.

Use UP/DOWN button to select an address, confirm your selection with ENTER.

CHANNEL MODE	DMX ADDRESS
4 CH	1-509
6 CH	1-507

To exit the menu, press MENU, or wait 30 seconds.

DMX Channel Mode

Select **DMX Channel Mode,** press ENTER.

Use UP/DOWN button to select between **4 CH** and **6 CH**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

No DMX Status

Select **No DMX Status,** press ENTER.

Use UP/DOWN button to select one of the following status:

Blackout (Fixture blacks out if DMX signal stops)

Hold (The device continues to operate in the current mode with the last active DMX values until the signal returns)

Manual (The device accepts the DMX value stored in the 'Manual Test' menu)

Confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

View DMX Value

Select **View DMX Value,** press ENTER.

Use UP/DOWN button to select the desired DMX channel, for which the value is to be displayed.

To exit the menu, press MENU, or wait 30 seconds.

Connect Option

Select **Connect Option,** press ENTER.

Use UP/DOWN button to select **Auto, DMX, Art-Net** or **sACN**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Network

Select **Network,** press ENTER.

Use UP/DOWN button to select **IP Address** or **Subnet Mask**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Art-Net Settings

Select **Art-Net Settings,** press ENTER.

Use UP/DOWN button to select **Net, Sub-Net** or **Universe**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

sACN Settings

Select **sACN Settings,** press ENTER.

Use UP/DOWN button to select **Universe** or **Priority**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Artnet to DMX

Select **Artnet to DMX,** press ENTER.

Use UP/DOWN button to select **No** or **Yes**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Fixture Settings

Enter the control menu and select **Fixture Settings**, press ENTER. Use the UP/DOWN button to select **Dimmer Curve, Dimmer Speed, LED Refresh Rate** or **Pri./Sec. Mode.**

Dimmer Curve

Select **Dimmer Curve,** press ENTER.

Use UP/DOWN button to select **Linear, Square Law, Inv SQ Law** or **S Curve**, confirm your selection with ENTER.

<u>**Dimmer Modes**</u>

Output / DMX %	Output / DMX %	Output / DMX %	Output / DMX %
Optically Linear	Square Law	Inverse Square Law	S-curve

To exit the menu, press MENU, or wait 30 seconds.

Dimmer Speed

Select **Dimmer Speed,** press ENTER.

Use UP/DOWN button to select **Fast** or **Smooth**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

LED Refresh Rate

Select **LED Refresh Rate,** press ENTER.

Use UP/DOWN button to select **900Hz, 1000Hz, 1100Hz, 1200Hz, 1300Hz, 1400Hz, 1500Hz, 2500Hz, 4000Hz, 5000Hz, 6000Hz, 10000Hz, 15000Hz, 20000Hz** or **25000Hz**, confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Pri./Sec. Mode

Select **Pri./Sec. Mode,** press ENTER.

Use UP/DOWN button to select **Secondary** or **Primary**, confirm your selection with ENTER.
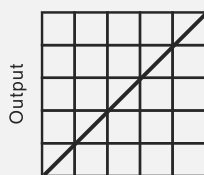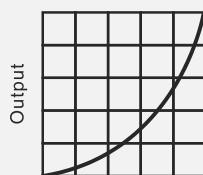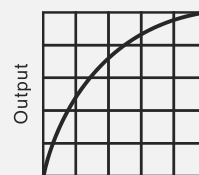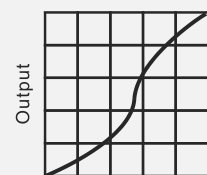
To exit the menu, press MENU, or wait 30 seconds.

Display Settings

Enter the control menu and select **Display Settings**, press ENTER. Use the UP/DOWN button to select **Display Invert, Backlight Intensity, Temperature Unit** or **Language.**

Display Invert

Select **Display Invert,** press ENTER.

Use UP/DOWN button to select **No** (display normal) or **Yes** (display inverted), confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Backlight Intensity

Select **Backlight Intensity,** press ENTER.

Use UP/DOWN button to select a value between **1** (dark) and **10** (bright), confirm your selection with ENTER.

To exit the menu, press MENU, or wait 30 seconds.

Temperature Unit

> Select **Temperature Unit,** press ENTER.
>
> Use UP/DOWN button to select **°C** or **°F**, confirm your selection with ENTER.
>
> To exit the menu, press MENU, or wait 30 seconds.

Language

> Select **Language,** press ENTER.
>
> Use UP/DOWN button to select **English** or **Chinese**, confirm your selection with ENTER.
>
> To exit the menu, press MENU, or wait 30 seconds.

Fixture Test

Enter the control menu and select **Fixture Test**, press ENTER. Use the UP/DOWN button to select **Auto Test** or **Manual Test.**

Auto Test

> Select **Auto Test,** press ENTER.
>
> The device immediately performs an automatic self-test.
>
> To end the automatic self-test and exit the menu, press MENU, or wait 30 seconds.

Manual Test

> Select **Manual Test,** press ENTER.
>
> Use UP/DOWN button to select the channel for which the manual test is to be performed, confirm your selection with ENTER.
>
> Use UP/DOWN button to select a value, confirm your selection with ENTER.
>
> To exit the menu, press MENU, or wait 30 seconds.
>
> (The device returns to its original DMX state after the manual test. The test values are saved automatically when the device is switched off.)

Fixture Information

Enter the control menu and select **Fixture Information**, press ENTER. Use the UP/DOWN button to select **Fixture Use Hour, LED Use Hour, Temperature, Firmware Version, RDM UID** or **Error Logs.**

Fixture Use Hour

> Select **Fixture Use Hour,** press ENTER.
> The operating hours is displayed.
> To exit the menu, press MENU, or wait 30 seconds.

LED Use Hour

> Select **LED Use Hour,** press ENTER.
> Use UP/DOWN button to select **Total LED Hour** (total time) or **LED On Hour** (current switch-on time), confirm your selection with ENTER.
> The total time or current switch-on time is displayed.
> Use UP/DOWN button to select **LED Hours Reset**, confirm your selection with ENTER.
> Use UP/DOWN button to set the password 050, confirm your selection with ENTER. The LED operating hours is reset.
> To exit the menu, press MENU, or wait 30 seconds.

Temperature

> Select **Temperature,** press ENTER.
> The device temperature is displayed.
> To exit the menu, press MENU, or wait 30 seconds.

Firmware Version

> Select **Firmware Version,** press ENTER.
> The firmware version is displayed.
> To exit the menu, press MENU, or wait 30 seconds.

RDM UID

> Select **RDM UID,** press ENTER.
>
> The RDM UID is displayed.
>
> To exit the menu, press MENU, or wait 30 seconds.

Error Logs

> Select **Error Logs,** press ENTER.
>
> Use UP/DOWN button to select **Fixture Errors**, confirm your selection with ENTER.
>
> The error list is displayed.
>
> Use UP/DOWN button to select **Reset Error Log**, confirm your selection with ENTER.
>
> If you wish to reset the relevant error logs, select **Yes**. If you do not wish to reset anything, select **No**. Confirm your selection with ENTER.
>
> If you select **Yes**, use UP/DOWN button to set the password 050, confirm your selection with ENTER. The relevant error logs are reset.
>
> To exit the menu, press MENU, or wait 30 seconds.

Reset Functions

Enter the control menu and select **Reset Functions**, press ENTER. Use the UP/DOWN button to select **All Reset.**

All Reset

> Select **All Reset,** press ENTER.
>
> Use UP/DOWN button to select **No** or **Yes** (the device will run built-in program to reset all to their home positions), confirm your selection with ENTER.
>
> To exit the menu, press MENU, or wait 30 seconds.

Factory Restore

> Select **Factory Restore,** press ENTER.
>
> If you wish to reset the device to the factory settings, select **Yes**. If you do not wish to reset anything, select **No**. Confirm your selection with ENTER.
>
> To exit the menu, press MENU, or wait 30 seconds.

RDM functions: Certain menus of the device and functions can be called up via the RDM protocol.

The parameter IDs are implemented as follows for different commands:

Parameter ID	Command 'Discovery'	Command 'Set'	Command 'Get'
DISC_UNIQUE_BRANCH	√		
DISC_MUTE	√		
DISC_UN_MUTE	√		
DEVICE_INFO			√
SUPPORTED_PARAMETERS			√
SOFTWARE_VERSION_LABEL			√
DMX_START_ADDRESS		√	√
IDENTIFY_DEVICE		√	√
DEVICE_MODEL_DESCRIPTION			√
PARAMETER_DESCRIPTION			√
MANUFACTURER_LABEL			√
DEVICE_LABEL		√	√
FACTORY_DEFAULTS		√	√
BOOT_SOFTWARE_VERSION_ID			√
BOOT_SOFTWARE_VERSION_LABEL			√
DMX_PERSONALITY		√	√
DMX_PERSONALITY_DESCRIPTION			√
SLOT_INFO			√
SLOT_DESCRIPTION			√
SENSOR_DEFINITION			√
SENSOR_VALUE			√
DEVICE_HOURS			√
LAMP_HOURS			√
RESET_DEVICE		√	
CURVE		√	√
PRIMARY_SECONDARY		√	√
DMX_STATE		√	√
DIMMER_SPEED		√	√

√ -Command implemented for the respective parameter ID

5.2 Home Position Adjustment

▸ To access the control menus, press the [MENU] button.

▸ To access the offset menus, long-press the [ENTER] button.

▸ Navigate the offset menus, using the [ENTER], [▲ UP] and [▼ DOWN] buttons.

▸ To select a menu option or to confirm a selection, press the [ENTER] button.

▸ To return to a higher level in the menu structure without making a change, press the [MENU] button, or wait 30 seconds.

OFFSET MENU	VALUES
Frequency (Hz)	1072~1327
Dimmer	0~1000
Zoom	-128~127

Frequency (Hz)

Select **Frequency (Hz),** press ENTER.

Use UP/DOWN button to select a value, confirm your selection with ENTER.

To exit the offset menu, press MENU, or wait 30 seconds.

Frequency	VALUES
900Hz	772~1027
1000Hz	872~1127
1100Hz	972~1227
1200Hz	1072~1327
1300Hz	1172~1427
1400Hz	1272~1527
1500Hz	1372~1627
2500Hz	2372~2627
4000Hz	3872~4127
5000Hz	4872~5127
6000Hz	5872~6127
10KHz	9872~10127
15KHz	14872~15127
20KHz	19872~20127
25KHz	24872~25127

Dimmer

Select **Dimmer,** press ENTER.

Use UP/DOWN button to select a value between 0 and 1000, confirm your selection with ENTER.

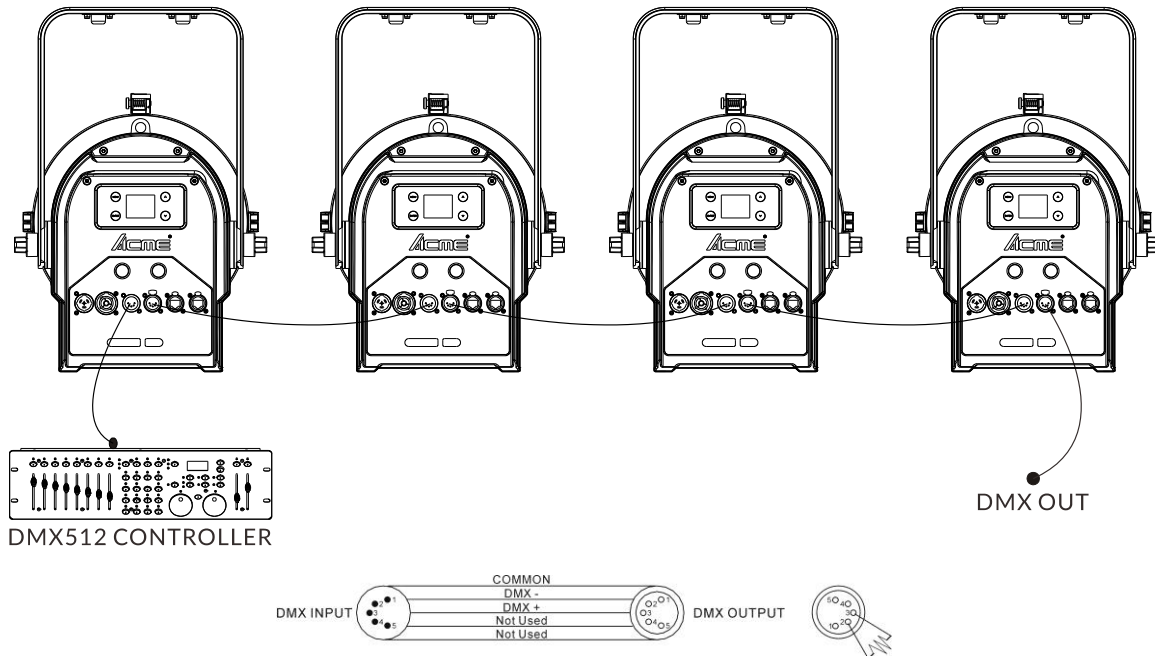To exit the offset menu, press MENU, or wait 30 seconds.

Zoom

Select **Zoom,** press ENTER.

Use UP/DOWN button to select a value between -128 and 127, confirm your selection with ENTER.

To exit the offset menu, press MENU, or wait 30 seconds.

6.1 DMX512 Connection

DMX OUT

DMX512 CONTROLLER

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 cable from the output of the unit to the input of the next unit. The cable can only be used in series and cannot be connected in parallel. 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 one of the units' power is disconnected.

4.   Each lighting unit needs to have a DMX address to receive the data by the controller. The address number is between 1-512.

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 pins 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 (+), Pin4, Pin5 not used.

If you use a universal DMX controller to control the units, you have to set DMX address between 1 and 512 so that the units can receive DMX signal.

Press the MENU button to access the control menus, select DMX Settings, press the ENTER button to confirm. Use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will show on the display. Use the UP/DOWN button to adjust the address between 001 and 512, press the ENTER button to store. To exit the menu, press MENU, or wait 30 seconds.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
4 channels	1	5	9	13
6 channels	1	7	13	19

6.3 DMX512 Configuration

Please control the fixture by referring to the configurations below.

Attentions:
‣ The unit will maintain the last condition until reset if you cut-off the DMX signal.
‣ For the channel Function, keep the value for about 3 seconds, then the corresponding function will take into effect.

CHANNEL		VALUE	FUNCTION
4ch	6ch		
1	1	000-255	DIMMER 0%→100%
	2	000-255	DIMMER FINE
2	3	000-007 008-015 016-131 132-139 140-181 182-189	STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open

		190-231	Slow Open Fast Close from Slow to Fast
		232-239	Open
		240-247	Random Strobe from Slow to Fast
		248-255	Open
3	**4**		**ZOOM**
		000-255	Narrow→Wide
	5	000-255	**ZOOM FINE**
4	**6**		**SPECIAL FUNCTION**
		000-029	Null
		030-039	Dimmer Curve: Linear
		040-049	Dimmer Curve: Square Law
		050-059	Dimmer Curve: Inv SQ Law
		060-069	Dimmer Curve: S Curve
		070-099	Null
		100-109	Led Frequency Setting Enable
		110-119	Led Frequency Setting Disable
		120-122	Null
		123	900Hz
		124	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-199	Null
		200-209	Reset All
		210-219	Dimmer Speed: Fast
		220-229	Dimmer Speed: Smooth
		230-255	Null

07/ Error Information

Error codes are shown continuously in the display when the fixture fails and they will not disappear until the fixture is repaired.

Zoom Reset Err

Check whether the position of the zoom where the magnet is installed falls off or is damaged.

Check whether there are obstacles in the zoom operating range.

Check whether the Hall element on the zoom is damaged.

Check whether the lead connecting the Hall element on the zoom and the PCB board is in poor contact or disconnected.

Check whether the motor on the zoom is damaged.

Check whether the related circuit of the motor drive board on the zoom is damage.

Net Model Err

Check whether the net model is installed in place.

Check whether the net model is damaged.

Check whether the network is normal.

LED Temp. Err

Check whether the temperature detecting board is normal.

Check whether the components of the temperature detecting board are damaged.

Check whether the lead on the temperature detecting board is installed in place or disconnected.

08/ Troubleshooting

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

A. The unit does not work, no light and the fan does not work

‣ Check the connected power.

‣ Measure the voltage.

‣ Check the power indicator to see whether it can be lit up or not.

B. Not responding to the DMX controller

‣ Check whether the DMX connectors and the DMX cables are connected correctly.

‣ Check whether the DMX address is correctly set.

‣ If the intermittent DMX signal problem occurs, check whether the XLR socket and the signal cable are well connected.

‣ Try it with another DMX controller.

‣ Check whether the DMX cables run near or alongside to the high-voltage cables, which may damage or interfere with the signal circuit.

C. One of the channels is not working well

‣ The stepper motor might be damaged or the cable connected to the PCB might be broken.

‣ The motor's drive IC on the PCB might be out of condition.

09/ Fixture Cleaning

It is absolutely essential that the fixture is kept clean to ensure the maximum light-output and allow the fixture to function reliably throughout its life. The fixture must be cleaned regularly to avoid dust, dirt and smoke-fluid residues building up on or within the fixture. The cleaning frequency depends on the application environment. Clean the fixture immediately if the dust enters it to avoid damage to the optical lens due to excessive dust.

‣ A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should solvents be used.

‣ Always dry the parts carefully.

‣ Clean the external optical lens at least every 20 days and the internal optical lens every 30 days.