



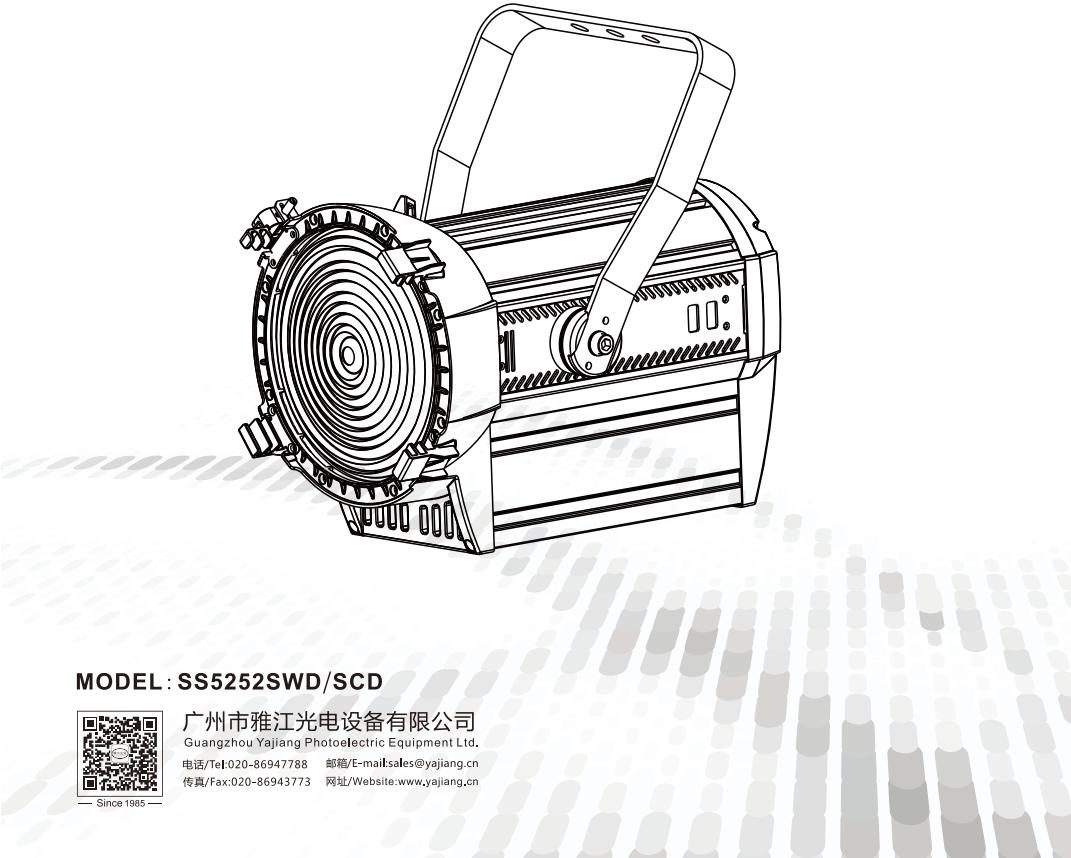
创意源于追求  
Own Idea Of Lighting

# FREZNO 200 SD

## USER MANUAL



FREZNO 200 SD  
SS5252



MODEL : SS5252SWD/SCD



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— Since 1985 —

# 1 PRODUCT SPECIFICATIONS

## 1.1 PRODUCT SPECIFICATIONS

- ◆ Voltage: AC100~240V, 50/60Hz
- ◆ Max Power: 200W
- ◆ Size: 417x286x260mm
- ◆ Weight: 6.6kg

## 1.2 SAFETY WARNING

### IMPORTANT:

- This product must be installed by a qualified professional.
- All maintenance must be carried out by a qualified electrician.
- A minimum distance of 0.5m must be maintained between the equipment and a combustible surface.
- The product must always be operated in a well ventilated area.
- DO NOT stare directly into the LED light source.
- Always disconnect the power before carrying out any maintenance.
- The earth must always be connected to the ground.
- Ensure that all parts of the equipment are kept clean and free of dust.
- A minimum distance of 0.8m must be maintained between the light and projecting surface



Caution, risk of electric shock

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

## 4 USING A DMX512 CONTROLLER

### 4.1 CHANNEL ASSIGNMENT

- Note: This product have three DMX512 channel configuration:  
【 UNO 】 / 【 DOS 】 / 【 STD.P 】

UNO

CHANNEL	VALUE	FUNCTION
1	0↔255	DIMMER

DOS

CHANNEL	VALUE	FUNCTION
1	0↔255	DIMMER
2	0↔255	FINE DIMMER

STD.P

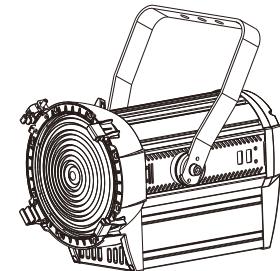
CHANNEL	VALUE	FUNCTION
1	0↔255	DIMMER
2	0↔255	FINE DIMMER
3	0↔9	NO STROBE
	10↔99	STROBE (SLOW TO FAST 0-25HZ)
	100↔109	NO STROBE
	110↔179	LIGHTNING STROBE (SLOW TO FAST)
	180↔189	NO STROBE
	190↔255	RANDOM STROBE (SLOW TO FAST)
4	0↔255	ZOOM
5	0↔200	NO FUNCTION
	201↔220	MOTOR RESRT
	221↔255	NO FUNCTION

## 2 INSTALLATION

### 2.1 MOUNTING

#### HANGING

The LED fixture can be mounted in a hanging position using the supporting bracket. The bracket should be secured to the mounting truss or structure using a standard mounting clamp. Please note that when hanging the unit a safety cable should also be used.



### 2.2 POWER CONNECTIONS

- 220~240V: 10 units may be connected in series
- 110~120V: 5 units may be connected in series

# 3 DISPLAY PANEL OPERATION

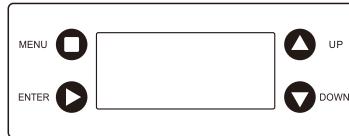
## 3.1 DISPLAY OPERATION

【 MENU 】 return to the previous menu.

【 ENTER 】 enter the currently selected menu.

【 UP 】 scroll down through the current menu list or decrease the value of the current function.

【 DOWN 】 scroll up through the current menu list or increase the value of the current function.



### QUICK-ACCESS KEYS

【 MENU 】 By press and holding the [MENU] key when at the main menu it is possible to directly access the [DIM] function

## 3.9 WHITES CALIBRATION(CALIBRATION)



- Enter the 【 CALIBRATION 】 to select white color of different color temperature.
- Select the 【 ZOOM 】 range. 【 POS1 】 & 【 POS2 】 set the small position for the zoom function. Note that when using DMX to control the fixture, the user will only be able to access up to the set ZOOM position. It is not possible to adjust beyond the set position.

## 3.10 INFO

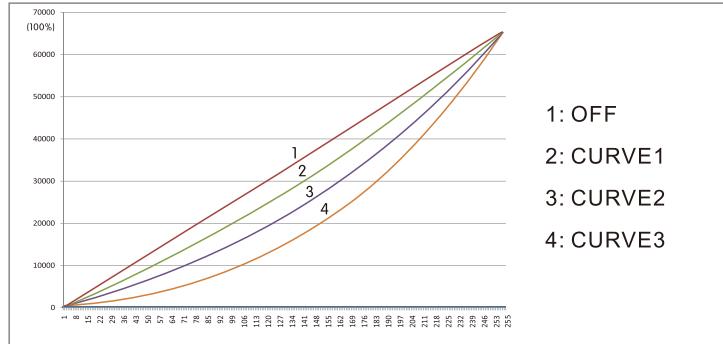


- push 【 OK 】 button into the information search mode in menu 【 INFO 】 , push 【 up/down 】 to choose item.  
Choose 【 VERSION 】 software version  
Choose 【 RDM 】 check the fixture ID

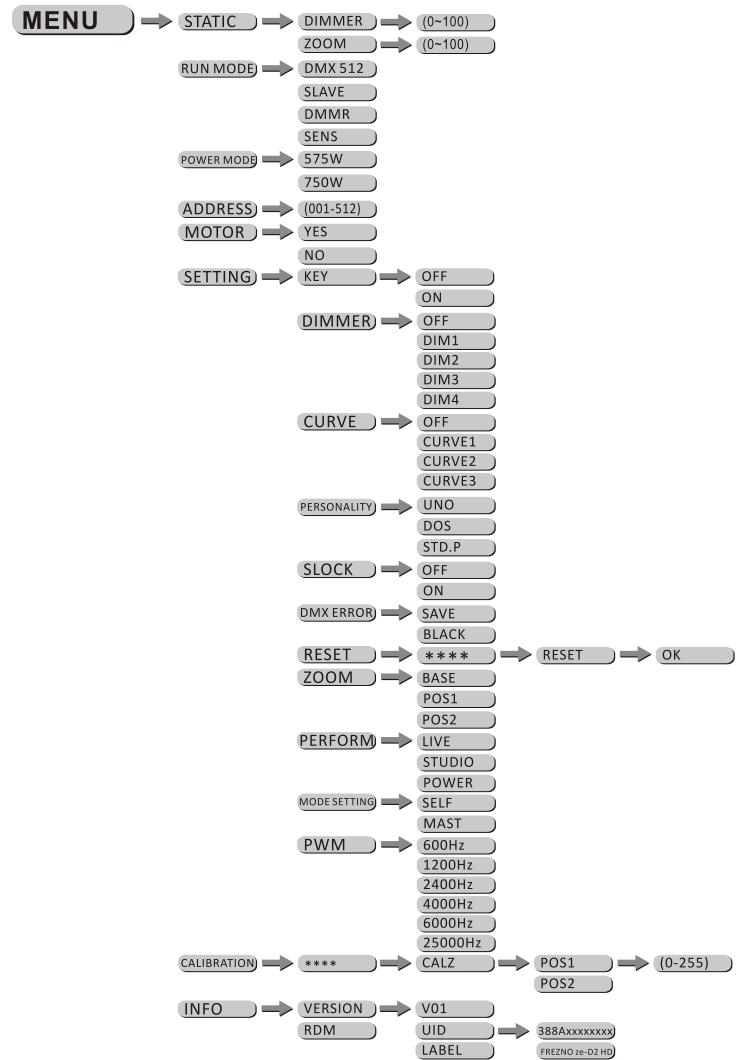
- [SETTING]...this menu allows the user to adjust key operation settings for this fixture.  
[KEY]...select [ON] for automatic lock-out. Password to re-enter the display is <UP> + <DOWN> + <UP> + <DOWN>.
- Select [DIM1], [DIM2], [DIM3] or [DIM4] for different dimming speeds. ([DIM4] is the slowest dimming speed)
- [CURVE] allows the user to adjust the shape of the dimming curve. See the CURVE chart to understand more about actual dimming curves.
- In order to reset custom modes to default values select [RESET].
- [PERSONALITY]...this setting allows the user to select the DMX personality of the fixture. Refer to DMX personality charts for specific details.
- [SLOCK] is used to lock the settings menu. When [SLOCK] is set to [ON] then user must insert passcode (UP+DOWN+UP+DOWN) in order to access the settings menu.
- [DMX ERROR] Choose [Save] in order to save the last DMX data in case of DMX signal error. Choose [Black] in order to blackout in case of DMX signal error.
- <ZOOM> is for setting zoom, press UP/DOWN to select. <BASE> is standard setting; <POS1> is zoom setting 1; <POS2> is zoom setting 2. Press MENU to get back, and the setting is saved automatically.
- [PERFORM] this setting allows the user to select the performance characteristics of the fixture.
- [MODE SETTING]...this function allows the user to select whether the fixture will send DMX data to other fixtures during stand-alone operation. The [MAST] setting allows data to be sent to other fixtures. The [SELF] setting is default and will not send DMX data to other fixtures.
- <PWM> is PWM refresh rate bottom, press UP/DOWN to choose <600Hz>、<1200Hz>、<2400Hz>、<4000Hz>、<6000Hz>、<25000Hz>; (note: <1200Hz> is default setting)

Note: with refresh rate increased, gray rate of dimmer will be reduced, (that's means high refresh rate, low gray rate), when it's <4000Hz>, CV3 is invalid, when it's <25000Hz>, CV1 CV2 CV3 are invalid, so please lower PWM rate to increase gray rate if necessary.

CURVE dimming



## 3.2 MENU MAP



### 3.3 DIMMER (STATIC)



- [DIMMER]...to adjust level of intensity
- [ZOOM]...to adjust the zoom position

Note: When using this function, if the [MCON] menu is set as [MAST], then the fixture will transfer the [DIM] values to other fixtures. ) When DMX data is received at the fixture, it will automatically return to main menu after 2 minutes of no key operation.

### 3.4 RUN MODE



- [RUN MODE]...this menu allows the user to select the operating mode of the fixture. Select [DMX 512] for normal DMX operation or [SLAVE] for slave operation.
- [DMX512]Stes the mode to DMX control.
- [SLAVE]Stes the mode to master/slave.
- [DMMR]Stes the mode to dimmer control,which turns off data input.
- [SENS]Automatically chooses between DMMR and DMX.

### 3.5 POWER MODE



- Press ENTER to enter < POWER MODE >
- Press UP/DOWN and select <575W> or <750W>

### 3.6 DMX ADDRESS



- [ADDRESS]...this menu allows the user to select the start address of the fixture.  
Use <UP> or <DOWN> keys to select required start address.

### 3.7 Motor reset(MOTOR)



- Press ENTER to enter < MOTOR >
- Press UP/DOWN and select <YES> or <NO>
- When you select < YES > and press ENTER, the motor will be reset to origin
- When you select <NO>, and press ENTER, no control.

### 3.8 SPECIAL SETTINGS

