SKYSTAR

PROFESSIONAL SHOW LIGHTING

THUNDER-280PRO

LED EAM MOVING-HEAD

USER MANUAL

SKYSTAR

GUANGZHOU LIGHTSTAR LIGHT CO.,LTD

Http://www.lightskystar.com

INDEX

Many thanks for choosing THUNDER-280PRO moving head.The design&production are passed through the full quality control to ensure the fineness ability.

This manual covers important information about install-ation&operation of this projector.Please rsad this user manual carefully before installing or operating this projector.Please do follow the safety instruction.list as below carefully and keep this manual in a safety place for future reference.

Note:As part of our ongoing commitment to continuos products development,company will keep the right to improve this products, the information in this menu may be changed in the future,the company reserve the right to change the data without any advise.

Packing

1. The packing of the series of products is paper carton,the flycase can order.
2. To open the carton

First please open the carton and take out the relative accessories, Take out the projector from the polybad and put it on a very smooth & horizontal surface place for the next operation.

Attention:Do not press the plastics parts to avoid any damage and distortion.

3. Packing list

The following parts are packed together with the projector:

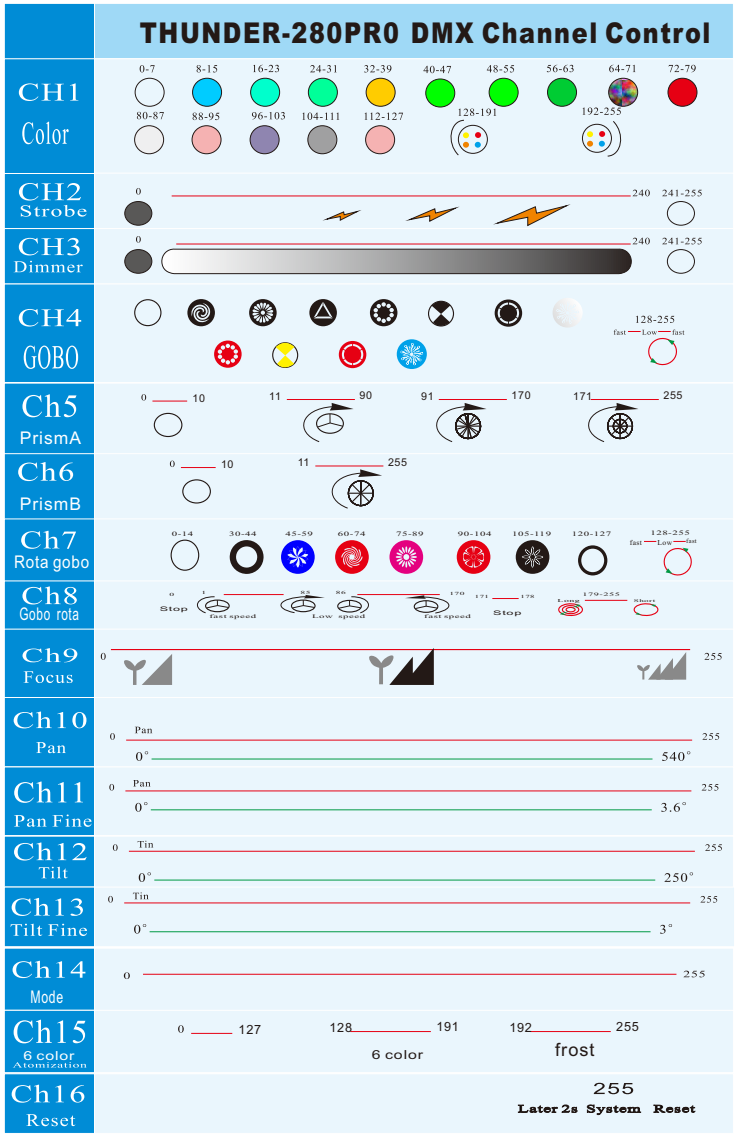
Attachment	
DMX cable	1pc
User manual	1pc
Moutnting Bracket	2pc

Menu description

Menu structure

Primary menu	Sublevel menu	Three-level menu / parameters
Shortcut menu	Address：001 - 512	Each channel value is added or subtracted by 1
	中/EN	Change language
	Reversal	Screen flip
	Settings	Enter setup mode
System Settings	Operational mode	DMX / voice / self1/self2
	Channel pattern	18CH
	Default position of X axis	0-255
	Default position of Y axis	0-255
	X axis reversal	Open / close
	Y axis reversal	Open / close
	XY axis exchange	Open / close
	XY axis fast mode	Open / close
	The signal to keep	Open / close
	Optical coupling error correction	Open / close
	Hall error correction	Open / close
	Backlit time	15 秒/30 秒/60 秒/ Often bright
	Screen brightness	0-100%
	Factory data reset	Confirm / cancel
Manual mode	Current channel mode channel	0-255
System calibration	Enter password	Lighting calibration
Lamp bulb	Turn on the light	Open / close
	Manual lighting	Open / close
	Half-power	Open / close
	Clear the record	Confirm / cancel
	The number of lights	
	Light time	
System information	Reset the error message	Display the reset error message
	DMX data monitoring	Channel values for the receiving console
	Sensor information	Hall information
		X-light coupling information

CHANNEL MENU:



		Y light coupling information
	Hardware version	Displays the hardware version
	Software version	Displays the software version
	Utility time	Displays the bulb service duration

Screen automatic rotation function

The system can automatically rotate the screen according to the direction of gravity, without manual rotation. You can also turn off the automatic rotation function.

Manual control

This interface is used to control the current lamps.

Press OK to enter the edit state. Press Up and Down to change the channel value. Press OK again to save the modified value, exit editing, and press Exit not to save the modified value, and directly exit editing.

System calibration

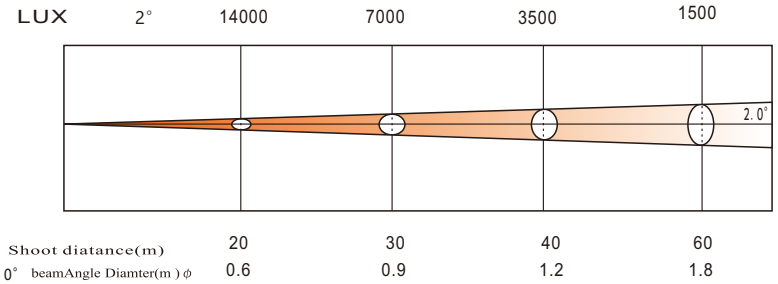
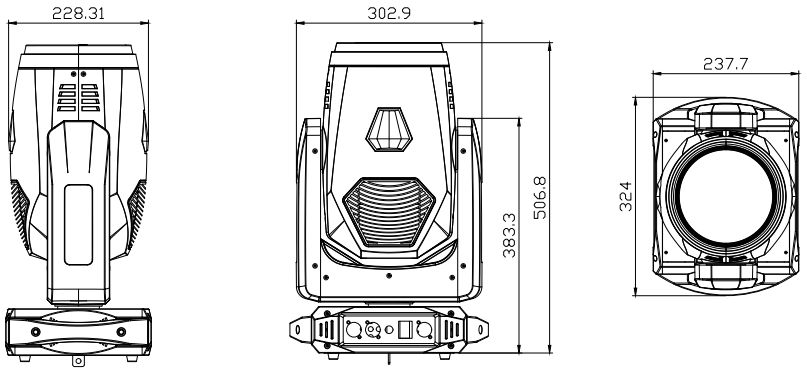
A layer of password is set here to prevent misoperation by non-professionals. The default startup password is 0000. By default, you can press the OK key to enter the system.

option	instruction
Initial position	After entering the sub-interface, the initial position of the X-axis, Y-axis, strobe motor can be adjusted. The adjustment range of 0~255,127 means that there is no adjustment.
Travel calibration	After entering the sub-interface, the stroke of X axis, Y axis, strobe motor can be adjusted, and the adjustment range of 0~255,127 means that there is no adjustment.

System information

option	instruction
Reset information	If the red ERR indicator shines, the lamp is running wrong, and details can be viewed in the subinterface
And DMX data monitoring	This enters the subinterface to display channel values for viewing
sensor information	Real-time monitoring of the light coupling, hall and other sensors on the lamp state
Hardware version number	Lighting hardware information
Software version number	Lamp software version
utility time	Displays the bulb service duration

TECHNICAL PARAMETER:

VOLTAGE: AC100- 240V 50/60Hz
LIGHT SOURCE: 280W LED ENGINE
POWER CONSUMPTION: 330W
BEAM ANGLE: 0°--2°
ELECTRONIC FOCUS: 20 meters, 14000 LUX
1 COLOR WHEEL: 12 colors+open, half color effect,
bi-directional rainbow effect at variable speed
1 ROTATING GOBO WHEEL:6 rotating gobos+open,
bi-directionally rotating at variable speed
(THUNDER-280PRO))
1 FIX GOBO WHEEL:15 fix gobos+open, bi-directionally
rotating at variable speed
2 PRISM WHEEL:4PRISM(THUNDER-280PRO),2PRISM
(THUNDER-280H) 8、16、24-facet prism, 6-facet
linearprism bi-directionally rotating, at variable speed
FOCUS: Linearly adjustable
WASH: 0~100% adjustable
EFFECT: 6 color whee
DIMMER: 0~100% linearly adjustable
STROBE: 0.5~20 flash per second, speed adjustable
PAN AND TILT: Smooth, automatic Pan & Tilt
positioncorrection, speed adjustable
RANGE: Pan-540°, Tilt-270°(16-bit)
VECTOR MODE: Color+GOBO+Prism+XY Vector
CONTROL PROTOCOL: DMX 512, 3 pin interface
CHANNELS: 16/18/20CH(THUNDER-280PRO))
16CH(THUNDER-280H)
DISPLAY:Touch screen , the words can be upside down
PROTECT GRADE: IP20, overheating & overvoltage
protection
NET WEIGHT: 15.5KG (THUNDER-280PRO)14KG(THUNDER-280H))
GROSS WEIGHT: 17.5KG(THUNDER-280PRO)16KG(THUNDER-280H)
FIXTURE DIMENSION: L324×W238×H527(mm)
PACKING DIMENSION:L385×W300×H590(mm)

THUNDER-280PRO >>