350W BEAM MOVING HEAD

USER MANUNL

(16CH/20CH)

Model: TE-B350

1.SKILL SPECIFICTIONS:

Voltage: AC110V-220V   50HZ/60HZ

Lamp: 350W R17 OR S17 YODN

Power consumption: 500VA

Control system: Automatic procedures,music,DMX512

Control Channels: DMX512 16CH/20CH

Display: LCD touch color screen, English/Chinese

Indoor use：IP20

2.Functional Description：

Color wheel : 13 fixed colors plus white with rainbow effect

Gobo wheel : 1 gobo wheel with 13 Metal gobos plus white，shake effect;

Prism 1: 8 prism rotating both directions

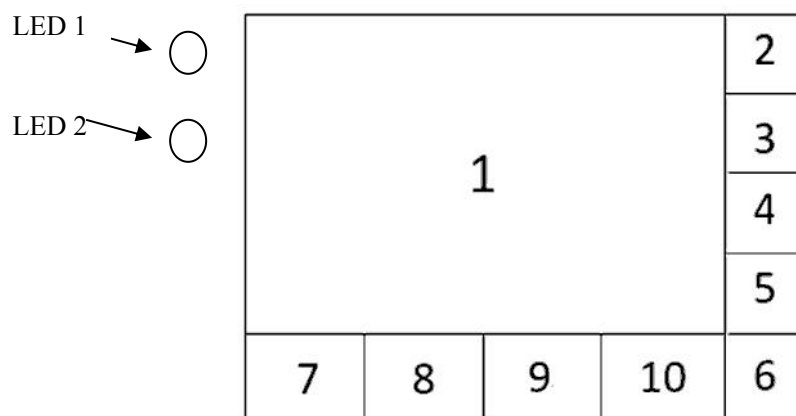Prism 2:16bprism rotating in both directions

Pan 540°,tilt 270°, 16 bit.

Lamp control: function via the controller.

Focus: beam 0-4.2°

Strobe: 1-13 times/s

Dimmer:0-100% mechanical linear dimming

frost effect

3.LCD display home page Introductions

1 — Shows current DMX address in big font size.
2 — click to open main menu.
3 — click to set the language.
4 — click to turn on or off the lamp.
5 — click to set the channels mode, and the figures shows current channels

number.

6 — click to reverse the display.

7 — Show the DMX signal state. Click to toggle Master/Slave mode, and the figure's meaning is as follows:

   Green down arrow: The device is receiving DMX signal from console.
   Yellow "X" : The DMX signal is lost.
   Blue up arrow: The device is working on master mode, and it is sending signal to outside now.

8 — click to set the running mode. If the figure is highlighted, that means the device is running in this mode as is shown.

9 — Show the running mode when the DMX signal is lost but the current running mode is still set as DMX. If the figure is highlighted, that means the device is running in this mode as is shown. It is active on power-on only, refer to description of menu "Running Cnfg" - "DMX Lost".

10 — Error information. It shows a green " √ " sign if has no error and a yellow "!" sign if has some errors when self-test. Click to open the error information menu for more details.

LED 1 - Blue LED。If it blinds，means the DMX signal is detective; If it keeps on, means the device is running on Master mode; If it shut down, means the DMX signal is lost. The LED can be shut down simultaneously with the LCD backlight if the menu "Display Config" - "LED Indicator" was set to "Auto".

LED 2 - Red LED. It blinds when run on "Sound(music)" mode，or keep on when some error state were detected. The LED can be shut down simultaneously with the LCD backlight if the menu "Display Config" - "LED Indicator" was set to "Auto" except errors detected.

4.Display contro:

Level 1	Level 2	Level 3	Level 4	Option/Value range
DMX Addr				1 - 512
Channel Mode				0 - 255
Reset Operating				
	Reset All			
	Pan/Tilt			
	Color			
	Gobo			

	Dim			
	Zoom/Prism etc.			
Run				DMX/Test/Music/Program
Lamp				Off/On
Manual Control				
	Pan			
	...			
	Auto return			10 sec/20 sec/never
Running Cnfg				
	Tilt Cnfg			
		Reverse		N/Y
		Origin		0 – 255
		End		0 – 255
	Pan Cnfg			
		Reverse		N/Y
		Origin		0 – 255
		End		0 – 255
	M/S Mode			Slave/Master
	Music Ctrl Cnfg			
		Ctrl Mode		Dim/Color/Gobo
		Other CHN		DMX/Auto/Manual
		Sensitivity		0 – 10 – 20
	Mixed Scene			
		Scenes Num.		1 – 8
	Scene Edit			
		Scene Index		0 – 7
		Step Index		0 – 29
		Step Edit		

			Time	0 - 255
			Chn	1 - Max channels
			Value	0 - 255
		Copy		
		Paste		
		Record		
	Lamp Power			Eco/**Std**
	Black Out			
		Pan/Tilt		N/Y
		Color		N/Y
		Gobo		N/Y
	Time/Speed Mode			
		Pan/Tilt		Speed/*Time*
		Rot.Gobo		Speed/*Time*
	Random Strobe Sync			N/Y
Display Config				
	Sleep			30 sec/*2 min/5 min/10 min/Keep on*
	Brightness			1 - **10**
	Reverse			N/Y
	Indicator			Auto/*KeepOn*
Advanced				
	Fine Adj			
	Factory Settings			
	DMX Lost			Middle/*Keep/Test/Music/Program*
	Quick			

	Position			
		Color		N/**Y**
		Static Gobo		N/**Y**
		ROT. Gobo		N/**Y**
	Auto Gobos			N/**Y**
	Fan Speed			Auto/***Max***
	Language			中文/***Eng/Español***
	Lamp Off			NoAct/***Sleep***
	Turn Off Bat			
	P/T Correction			N/**Y**
	Allow DMX save			**N/Y**
	Clear Lamp Time			
	Recover Setting			
Info				
	DMX Monitor			
		Chn		1 - Max channels
		Value		
	State Monitor			
		CPU1 TEMP ℃		
		CPU2 TEMP ℃		
		Lamp TEMP ℃		
		Battery (%)		
	Lamp Servicetime			
		ThisTime(m)		
		Total(h)		
	Err State			
		EEPROM		Well/Err
		Sensor Err		
			Pan Raster	Well/Err
			Tilt Raster	Well/Err
			Pan Reset	Well/Err

			Tilt Reset	Well/Err
			Color wheel	Well/Err
			Sta.gobo	Well/Err
			RotGoboWheel	Well/Err
			Rot.gobo	Well/Err
			Focus	Well/Err
			Zoom	Well/Err
			Prism	Well/Err
		LampComm		Well/Err
		CPU2 Comm		Well/Err
		Lamp Overheat		N/Y
		CPU1 OverHeat		N/Y
		CPU2 OverHeat		N/Y
		Flash Err		N/Y
		RAM Err		N/Y
		License Expired		N/Y
	P/T Reference Speed			
		Pan(.01s)		
		Tilt(.01s)		
	Time Left(h)			
		Input SN.		
		ID		
	Product Code			

5.DMX512 channels:

Mode channel		DMX value	Function
16	20		
1	1		Color wheel
		0-127	Half step positiong(or "continual positioning", witch can be set up by menu)
		128-190	Rainbow effect from fast to slow

		191-192	Stop
		193-255	Rainbow effect from slow to fast
2	2		**Shutter/Strobe**
		0-3	Shutter closed
		4-103	Strobe effect from slow to fast
		104-107	Shutter open
		108-155	Open pulse in sequences from slow to fast
		156-207	Close pulse in sequences from fast to slow
		208-212	Shutter open
		213-251	Random strobe effect from slow to fast
		252-255	Shutter open
3	3		**Dimmer intensity**
		0-255	Dimmer intensity from 0% to 100%
4	4		**Static gobo wheel**
		0-3	Open
		4-54	Gobos with no shake
		55-199	Shaking gobos from slow to fast
		200-201	Open
		202-227	Forward gobo wheel rotation from fast to slow
		228-229	No rotation
		230-255	backward gobo wheel rotation from slow to fast
5	5		**Prism**
		0-19	Prism excluded
		20-75	Prism1 inserted
		76-127	Prism2 inserted
		128-255	Prism1 and Prism2 inserted
6	6		**Prism1 rotation and indexing**
		0-127	Prism1 indexing
		128-190	Backward prism1 rotation from fast to slow
		191-192	No rotation
		193-255	Forward prism1 rotation from slow to fast
7	7		**Prism2 rotation and indexing**
		0-127	Prism2 indexing
		128-190	Backward prism2 rotation from fast to slow
		191-192	No rotation
		193-255	Forward prism2 rotation from slow to fast

8	8		Frost
		0-255	Frost area is from small to large
9	9		Focus
		0-255	Continuous adjustment from far to near
10	10		Pan
		0-255	Pan movement
11	11		Pan Fine
		0-255	Fine control of pan movement
12	12		Tilt
		0-255	Tilt movement
13	13		Tilt Fine
		0-255	Fine control of tilt movement
14	14		Pan/Tilt speed
		0	Max speed
			Speed mode
		1-255	Speed from max. to min.
			Time mode
		1-255	Time from 0.1 sec to 25.5 sec
15	15		Reset
		0-25	Empty
			To activate following functions, stop in DMX value for at least 3s
		26-76	Effects reset
		77-127	Pan/Tilt reset
		128-255	Total reset
16	16		Lamp control
			To activate following functions, stop in DMX value for at least 3s
		0-25	Empty
		26-100	Lamp off
		101-255	Lamp on
*	17		Pan/Tilt time
		0	Max speed
		1-255	Time from 0.1 sec to 25.5 sec

*	18		Color time
		0	Max speed
		1-255	Time from 0.1 sec to 25.5 sec
*	19		Beam time
		0	Max speed
		1-255	Time from 0.1 sec to 25.5 sec
*	20		Gobo time
		0	Max speed
		1-255	Time from 0.1 sec to 25.5 sec