



## USER MANUAL



# Truss34

SLI-TRUSS34

Please read the instructions carefully before use

# SAFETY INSTRUCTIONS



**Please read the instructions carefully as they include important information about the installation, operation and maintenance.**

- Please keep this user's guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- All fixtures leave the manufacturer intact. Please note that any damages incurred by the user is not covered by the guarantee.
- Unpack and check carefully that there is no transportation damage before using the unit.
- The unit is for indoor use only. Use only in a dry location.
- Use a safety bond when attaching the fixture to a lighting rig.
- The unit must be installed in a location with adequate ventilation at least 50 cm from adjacent surfaces.
- Make sure that no ventilation slot is blocked, otherwise the unit will overheat.
- Before operating, ensure that the voltage and frequency of the power supply match the power requirements of the unit.
- Make sure all equipment is properly earthed.
- Do not operate the unit if the ambient temperature is higher than 40°C.
- Do not hardwire to any mains dimmer.
- On the first start, there may be some normal operational start-up smell.
- Make sure that there is no flammable material close to the unit while operating, as it is a fire hazard.
- Examine power wires carefully and replace immediately if there is any damage.
- Never run on for a long time lest shortening lifespan. Avoid any inflammable liquids, water or metal objects entering the unit. In case it happens, cut off the mains power immediately.

- Do not operate in a dirty or dusty environment. Clean fixtures regularly.
- Do not allow children unsupervised to operate the fixture.
- Do not touch any wire during operation as there might be a hazard of electric shock.
- Avoid placing power wires next to other cables.
- Disconnect the mains power before replacing or servicing the fuses.
- Replace fuse only with the same type.
- In the event of a 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 unit as there is no user serviceable part inside.
- Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre.
- Disconnect the mains power if the fixture is not used for a long time.
- Use the original packaging to transport regarding any warranty issue.
- Do not look directly at the LED light beam while the fixture is on.
- Do not connect more than 7 units to the same power source.

# INSTALLATION

The unit should be mounted via its screw holes. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and able to support 10 times the unit's weight. Also, always use a safety cable that can hold 12 times the unit's weight when installing the fixture.

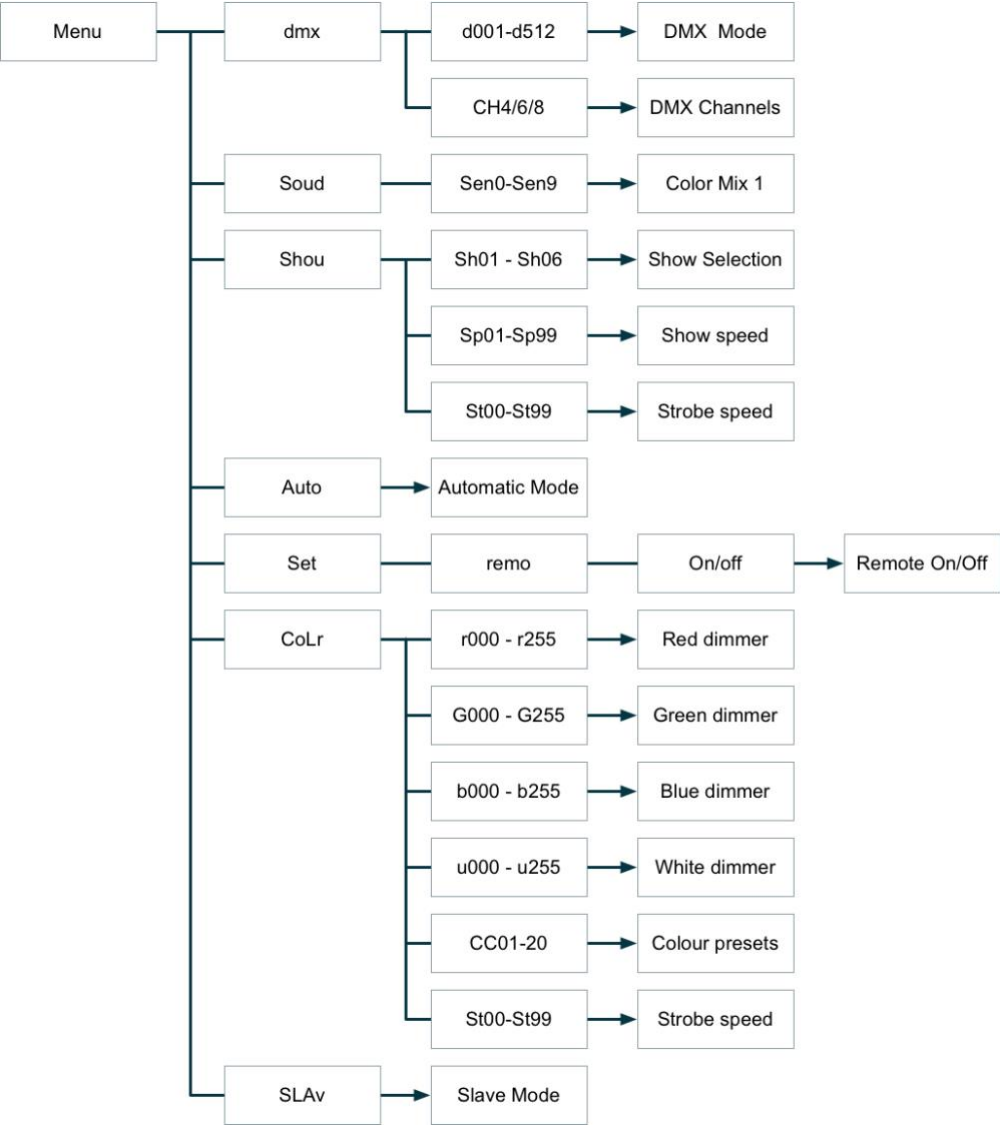
The equipment must be fixed in an appropriate place by professionals. Keep it out of the reach of unqualified people.

## TECHNICAL SPECIFICATIONS

Truss lighting with 3 x 4-watts (4 in 1) LED

- LED: 3 x 4 watts
- Illuminance: 1866 lux at 2 metres (96,6')
- Beam angle: 30°
- Protocol: DMX-512 (4, 6 or 8 channels)
- Functions: Dimmer (0-100 %), strobe (0-20 Hz), auto, sound control, master/slave, remote control
- Remote control included
- Display: 4-digit
- Housing: Metal
- Fixing: 3 x M10 and 1 x M12 threaded holes
- Input and output: 3-pin DMX and IEC in and out
- Cooling: Low-noise fan
- Use: Indoor
- Power consumption: 80 watts
- Dimensions: 10.8 x 10.8 x 10.4 cm (4.3 x 4.3 x 4.1")
- Weight: 0.6 kg (1.3 lb)

# SETTING UP THE DEVICE



**DMX Mode**

With the menu button, select the DMX mode (dxxx) and press the enter key to confirm. Then use the up and down buttons to choose the desired DMX channel (1 – 512) and press the enter key to confirm. Then use the up and down buttons to select the desired channel mode (4, 6 or 8 channels) then press enter. Press the menu button to return to the main menu.

DMX Channel Modes, Assignments, and Values :

4 Channels

Channel	Function	Value
CH1	RED	0~255
CH2	GREEN	0~255
CH3	BLUE	0~255
CH3	WHITE	0~255

6 Channels

Channel	Function	Value
CH1	DIMMER	0~255
CH2	STROBE	0~255
CH3	RED	0~255
CH4	GREEN	0~255
CH5	BLUE	0~255
CH6	WHITE	0~255

## 8 Channels

Channel	Function	Value	Note
CH1	Dimmer	0-255	
CH2	Strobe	0-255	Slow -> Fast
CH3	Manual	0	CH4 -8 are enabled
	Program1	001-035	
	Program2	036-071	
	Program3	072-107	
	Program4	108-143	
	Program5	144-179	
	Program6	180-215	
	Program7	216-251	
	Sound	252-255	
CH4	Speed (If CH3≠0)	0-255	
	Colour 1	0~14	
	Colour 2	15~29	
	Colour 3	30~44	
	Colour 4	45~59	
	Colour 5	60~74	
	Colour 6	75~89	
	Colour 7	90~104	
	Colour 8	105~119	
	Colour 9	120~134	
	Colour 10	135~149	
	Colour 11	150~164	
	Colour 12	165~179	
	Colour 13	180~194	
	Colour 14	195~209	
	Colour 15	210~224	
	Colour 16	225~239	
	Colour 17	240~254	
	Colour 18	255	
CH5	RED	0-255	
CH6	GREEN	0-255	
CH7	BLUE	0-255	
CH8	WHITE	0-255	

**Sound Mode**

With the menu button, select the Sound mode (Soud) and press the enter key to confirm. Then use the up and down buttons to select the desired sensibility of the microphone from Sen0 to Sen9.

**Show Mode**

With the menu button, select the Show mode (Shou) and press the enter key to confirm. Then use the up and down buttons to select the desired show from Sh01 to Sh06 and press the enter key to confirm. You can now change the speed of the show from SP01 to SP99. Press enter to confirm.  
The next menu allows you to add a strobe effect to the show. Use the up and down buttons to change the strobe speed from St00 to St99.

Sh01	RGBW Single colour gradual change
Sh02	Multicolour gradual change
Sh03	Effect 1
Sh04	Effect 2
Sh05	RGBW Single colour jump change
Sh06	Multicolour jump change



## **Automatic mode**

With the menu button, select the automatic mode (Auto) and press the enter key to confirm. In this mode, the fixture will play a variety of in-built effects at various speeds.

## **Set Menu**

With the menu button, select the “Set” menu and press the enter key to confirm. Then use the enter key to enter the “remo” menu. You can now use up and down buttons to activate (on) or deactivate (off) the infra-red system used for the remote control.

## **Colour Mode**

With the menu button, select the Colour mode (CoLr) and press the enter key to confirm. Then use the up and down buttons to select the desired colour. Red (rxxx), Green (gxxx), blue (bxxx), white (Uxxx) and Yellow (Yxxx) and press the enter key to confirm. Then use the up and down buttons to increase or decrease the colour amount (from 001 to 255). Press enter to confirm.

Thanks to this colour mixing mode, you can virtually choose all the desired fixed colours.

You have now access to the pre-programmed colours menu (CCxx). Press enter and use the up and down button to select it. Press enter to confirm.

The last menu of the colour mode is the strobe function (STxx). Press enter and use the up and down button to select the desired strobe speed from St00 to St99.

## **Slave mode**

With the menu button, select the slave mode (SLAv) and press the enter key to confirm. In this mode, the fixture will automatically follow the other BAT34's present in the same daisy chain (See “Connections” section). At least one of the BAT32 in the chain needs to be in another mode.

# DMX512 CONNECTIONS

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.

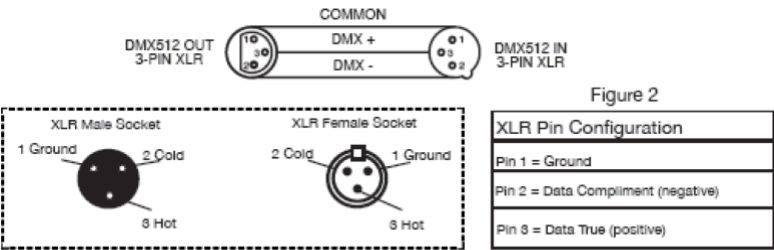


Figure 3

## Warning

To avoid signal transmission problems and interferences when using fixtures in chain, use a Stagg N-series professional 3-pin DMX terminator (resistance: 120 ohms; pin2: DMX-; pin3:DMX+).

# FIXTURE CLEANING

An internal cleaning must be carried out periodically to optimize the light output. The cleaning frequency depends on the environment in which the fixture operates: A damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture’s optics. Clean the fixture with a soft cloth and normal glass cleaning fluid. Always dry the parts carefully. Clean the external optics at least every 20 days.

For more info and the latest product updates:

[staggmusic.com](http://staggmusic.com)

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