

SBF15

LED Strobe/Blinder/Flood

Item ref: 153.300UK

User Manual



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing the SBF15 strobe/blinder/flood light as part of your lighting effects rig. Please read these instructions in full to gain the best results from this item and avoid damage to the unit.

Unpacking

Your SBF15 should reach you in good condition and be supplied with appropriate mains lead(s) and dual mounting bracket. If there are any signs of damage or items missing from the packaging, contact your dealer immediately.

Warning

To prevent risk of fire or electric shock, do not expose any components to rain or moisture. If liquids are spilled on the housing, disconnect mains and allow unit to dry out & have checked by qualified personnel before further use. Avoid any impact or extreme pressure to the housing. No user serviceable parts inside – Do not open the case – refer all servicing to qualified service personnel.

Safety

Check for correct voltage and condition of IEC lead before connecting to power outlet

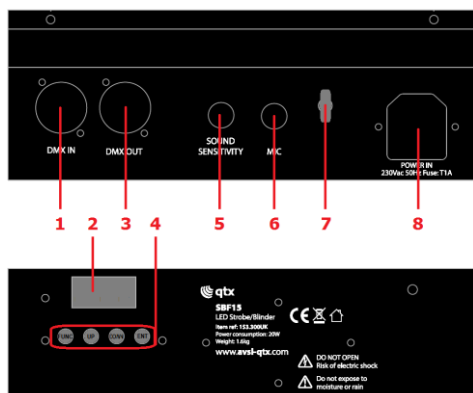
Placement

Mount the unit to a lighting stand or ceiling using the integral dual bracket
 If the unit is mounted at height, a drop cable should be attached for safety
 If free-standing, the dual bracket can form a stand to be positioned on a stable, non-slip surface
 Ensure adequate access to controls and connections

Cleaning

- Use a soft dry or slightly damp cloth to clean the housing. Do not use strong solvents
- For best results, clean the front aperture periodically with a dry, lint-free cloth

Panel Layout



1. DMX in (3-pin XLR)
2. LED display
3. DMX out (3-pin XLR)
4. Control panel (FUNC, UP, DOWN, ENT)
5. Sound sensitivity control
6. Internal microphone
7. Safety eyebolt
8. Mains inlet (IEC) and fuse holder

Setting up

If the SBF15 is to be mounted at height, use the integral bracket and fix a safety wire to the eyebolt (7). The SBF15 can be free-standing on the floor or stable surface using the dual bracket as a bipod stand. Position the SBF15 so that the front aperture is facing the area to be lighted. Be careful not to aim the LEDs directly into eyes, as this can cause damage, especially at close range.

Experiment with positioning to get the best coverage – the SBF15 provides wide angle light dispersion. Connect mains using an appropriate IEC lead to the mains inlet (8).

For DMX operation, connect DMX from a controller or preceding fixture to the DMX in connector (1). Connect additional fixtures further along in the DMX chain from the DMX out connector (3). Ensure that good quality DMX leads with 3-pin XLR connectors are used.

Operation

The SBF15 has 3 high output white LED strips, which can produce one of 4 different effects.

1. Chase 1-2-3 Sequence of each LED left to right with variable speed
2. Strobe effect Short duration flashes
3. Blinder effect Pulses with slow fade-out to simulate pyrotechnics or silhouette blinders
4. Flood light Dimmable constant wash of white light

The SBF15 can be operated via internal programs or from a DMX signal (4ch) using the control panel. Press the FUNC button and navigate the menus using UP, DOWN and ENTER buttons as shown below.

FUNC	Mode	Press ENTER for setting (press FUNC to exit)
<i>Addr</i>	DMX start address	<i>ADD 1</i> to <i>AS 12</i>
<i>Auto</i>	Auto 1-2-3 chase	<i>AUE0</i> = fast... <i>AUE9</i> = slow
<i>Sund</i>	Sound activated modes	<i>SOU 1</i> = 4 fast strobes triggered by a beat
		<i>SOU 2</i> = 1 blinder pulse triggered by a beat
<i>FLod</i>	Flood effect	<i>brt0</i> = 10%... <i>brt9</i> = 100%

For more detailed control as part of a larger lighting system, DMX 512 control can be used. If the start address is set to *ADD 1*, then the following functions will apply.

DMX channel	Function	Value
<i>ADD 1</i>	Dimmer LED 1	000 – 255: 0% to 100% (overrides preset programs)
<i>ADD 2</i>	Dimmer LED 2	
<i>ADD 3</i>	Dimmer LED 3	
<i>ADD 4</i>	Preset programs	000 - 100 Auto 1-2-3 chase: fast to slow
		101 - 134 Master dimmer: 0% to 100%
		135 - 167 Sound activated blinder pulse
		168 - 200 Sound activated strobe chase 1-2-3
		201 - 249 Strobe: slow to fast
		250 - 255 Flood 100%

For all other address settings, each DMX channel is shifted up relative to the start address.

Note: *Er-L* means that there is no DMX signal is present.

Specifications

Power supply	240Vac, 50Hz (IEC)
LEDs	3 x 5W COB white
Modes	Chase, Sound strobe, Sound pulse, Flood, DMX
DMX channels	4ch (LED1, LED2, LED3 + Presets)
Dimensions	230 x 80 x 100mm
Weight	1.6kg
Laser & LED safety standard	BSEN60825-1 2007

Troubleshooting

No power	Check mains voltage is correct and outlet is switched on
	Check IEC lead/mains fuse (if fuse continually blows, refer to your dealer)
No light output	Check DMX individual channel dimmer settings and master dimmer
	Check that a DMX signal is present when using DMX (Er-L = no signal) In sound activated mode, check that the sensitivity is not set too low
Light output is dim	Check DMX individual channel dimmer settings and master dimmer
	In Flood mode, check the output level setting is not too low
Overheating/cutting out	Ensure that the unit is not too close to a heat source
	Ensure that the cooling vents at the sides are clear and not covered

* We recommend that this product is used within the guidelines HSG95



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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