MINI SCAN

RGY Mini Laser Scanner

Item ref: 152.768UK

User Manual

Thank-you for choosing this Mini red/green laser scanner.

A mini laser with 32 built-in patterns and scan effect easily selectable by remote control. The laser can be operated by auto, sound-to-light and master/slave modes. The effect is even more stunning when projected through smoke. The handy small size allows easy carrying and quick setup and is further enhanced by the use of fog. Ideal for mobile DJs or small parties.

WARNING This item contains laser radiation, no user serviceable/repairable parts within. Please refer to licensed electrician to perform any required repair or maintenance. This product is strictly for professional use only. Approved personnel required to install and operate the unit, strictly following the laser health and safety guidelines HSG95.

For detailed information regarding HSG95, please see the below web link:
http://www.hse.gov.uk/pubns/books/hsg95.htm

This product is a class 3R laser but contains class 3B laser when the case is open. Care needs to be taken when operating the device. Risk of damage is low but still present. Extreme care needs to be taken if case is to be opened, as full power 3B laser beams can escape without the housing and lens protection. Please read this manual thoroughly before use.
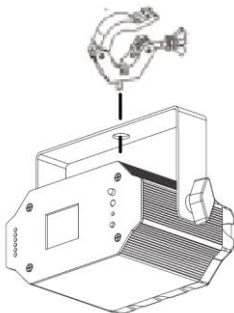
In the box
This mini laser should arrive to you in a single carton. Please ensure the box is undamaged before accepting the goods. The box should contain:
- RGY mini laser scanner
- 12Vdc power supply with UK & EU adaptors
- Mounting bracket
- User manual

Installation
This product should be securely mounting with adequate fixings to hold the weight. If mounted at a height use a safety wire attached to the bracket and a secondary fixing point.
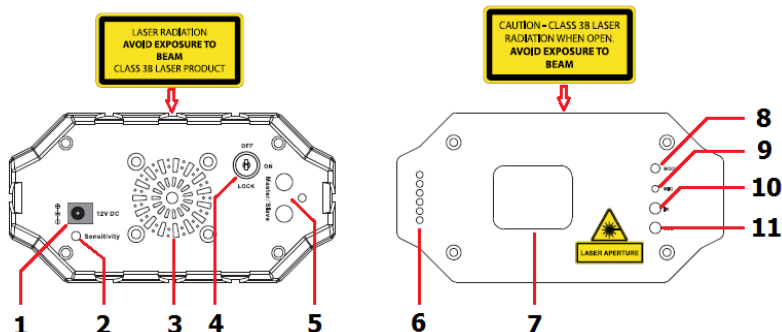
Position the laser aperture so that the beam is directed away from people and reflective objects. When mounted in this manner the unit should be 3m from the ground and 2.5m from any wall, as cited in HSG95.
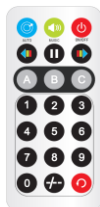
The below cautions must be observed:

- Power up and run the unit for 10 minutes to check the unit is working properly
- Find appropriate location for installation. Do not install in a hot, moist or dusty environment. Ensure there is enough air flow, do not obstruct ventilation.
- Do not expose unit to rain, this unit is strictly for indoor use only.

Product layout

1. 12Vdc power input
2. Built-in mic sensitivity
3. Rear ventilation
4. Safety key switch
5. 3.5mm master/slave connection
6. Front ventilation
7. Laser aperture
8. Mode selector
9. Microphone
10. IR receiver
11. LED mode indicator (red=auto, blue=sound, red/blue=slave)

Button	Function	Description
⏻	On/Off Switch	Press to switch unit on or off
◎	Auto Mode	Press to enter auto mode
🔊	Sound Mode	Press to enter sound-activated mode
A C	Pattern cycle	Press to browse previous and next pattern
◀ ▶	Colour Setting	Press to cycle through red, green and red/green
0 ~ 9	Pattern Setting	Press to select laser pattern

Maintenance

There are no user-serviceable parts within the unit. To maintain a workable condition, it is advised to dust the unit on a regular basis. Before cleaning or dusting, always ensure that the

power cable is removed from the unit. Use a soft cloth, lightly dampened with water or mild detergent to wipe off the dust from the casing. DO NOT use spray on the case as droplets may enter the unit through the ventilation and cause damage to the electronics inside. Remove any trapped dust from the ventilation holes of the unit using a vacuum cleaner with a brush attachment, a dust blower or a hand brush.

Troubleshooting

No power output	Check power supply is fully plugged in and mains is switched on.
	Check adaptor is properly connected to mains power supply and DC plug is fully inserted into the back of the unit.
Power on but no output	Check key switch is not set to the off position
	Ensure unit is switched on by pressing and holding the mode button.
	Ensure remote control battery is not dead.
	Ensure the unit is not set to sound-activated mode.
	Ensure laser aperture is not blocked

Specifications

Power adaptor	100-240Vac, 50/60Hz
Power supply	12Vdc @ 1A
Power consumption	15W max.
Laser class	3B
Red laser power	100mW 650nm
Green laser power	50mW 532nm
Dimensions	187 x 132 x 79mm
Weight	1.0kg
Laser safety standard	BSEN60825-1 2007

This product complies with laser safety standard EN60825-1 2007.

This 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.