

# Blitzer

## **Features of the Blitzer**

- 100W Halogen lamp.
- 20 beams in four dichroic colours.
- Sound animated movement
- Continuous or flashing to sound.

## **IMPORTANT**

### **Installer and Users please note:**

**These instructions should be read carefully and left with the user of the product for future reference.**

### **Installation.**

Fix the Blitzer with the hanging bracket provided. A safety chain will be required to conform to Health & Safety regulation. A loop is provided at the rear of the case for the attachment of the safety chain.

The Blitzer may also be used free-standing with its handle used as a base. If this is required, remove the handle, and replace the other way round so that it rotates below the product instead of above.

Connect the Blitzer to the mains supply by plugging the lead provided into a 13A mains socket. If there is no socket convenient for where the Blitzer is to be used, a socket should be installed by a competent electrician. Do not use long trailing cables.

If installing permanently, or connecting to a system that uses connectors other than a BS1363 13A plug, remove the 13A mains plug, and connect the wires as follows:

- **Brown = live**
- **Blue = neutral**
- **Green/yellow = earth. The Blitzer must be earthed**

This operation must be carried out by a competent electrician.

When connecting via a switching or power pack, the outputs of the power pack should be de-rated by 50% from its "resistive load" capacity to allow for the large inrush current of the halogen lamp. The Blitzer should not be connected to a dimming pack or light dimmer. The Blitzer is an inductive load.

Adjust the angle of the hanging bracket to obtain the best effect and tighten the handle fixing screws. The Blitzer may be moved whilst it is operating provided that it is done carefully, the lamp is most vulnerable to failure immediately after switching off. It is recommended that the Blitzer is allowed to cool for 5 minutes after switching off before moving.

The Blitzer should be installed more than 0.4 metres from any object that it is illuminating.

### **Changing the lamp.**

Disconnect from the mains supply. Unscrew the fixing screw on the lamp cover in the lid, and remove the lamp cover. The lamp can then be removed. Replace with a new lamp, type A1/215. Do not touch the lamp, hold it only by the plastic sleeve provided. If the lamp is touched, the glass should be cleaned before use using methylated spirit. Do not leave the plastic sleeve on the lamp after inserting in the lamp holder.

### **Replacing the fuse.**

Occasionally, when the lamp fails, the fuse may blow. If this occurs, replace with a new fuse type 20mm x 5mm 1.6 Amp Anti-surge, High breaking capacity. This type of fuse has a ceramic case. Do not replace with any other type or value of fuse. If the new fuse blows, consult a dealer.

### **Focusing.**

If the beams need to be re-focussed, then slacken the lamp bracket using the screws in the underneath of the case. Move the bracket forwards or backwards as required, and re-tighten the screws when the best image is obtained.

### **Cleaning.**

The Blitzer should be cleaned periodically as the colours become less intense as smoke fluid residues build up on the reflector. Disconnect from the mains supply, remove the lid fixing screws and remove the lid, clean the lens and the dichroic reflector dish using a soft lint-free cloth and methylated spirit, isopropyl alcohol or hi-fi cleaning fluid.

### **Flash/Continuous switch.**

The flash/continuous switch should be set as follows:

**In:** flash to the bass beat of the music

**Out:** Lamp on continuously.

In both cases the beam pattern twists to the beat of the music.

### **Standards**

The Blitzer complies with EN60598 (European Safety Standard for Luminaires), and EN55015 (European Electromagnetic Compatibility Standard for Lighting)

**Technical Specification.**

Power Supply:	230V AC 50Hz
Power consumption:	105VA
Power factor (cos $\phi$ ):	0.95 (inductive load)
Mains input:	Cable to BS6500 fitted with 13 Amp plug to BS1363A and 5 Amp fuse to BS1361.
Internal Fuse:	T1.6A HBC 5mm x 20mm to IEC127 <i>(HBC means High Breaking Capacity, a HBC fuse has a ceramic case)</i>
Lamp:	A1/215 (FCR) 12V 100W
Colours:	4 dichroic
Beams:	20 (5 of each colour)
Beam spread:	26° (0.45m wide @ 1m)
Beam size:	1.8° (0.03m wide @ 1m)

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