

Magic Moon

users guide

INTRODUCTION

The Martin Professional **DJ Series Magic Moon** is a powerful but compact lighting effect producing a stunning and colorful display. The Magic Moon features:

- 250 W / 24 V EHJ lamp.
- All colors are produced from dichroic mirrors.
- Both color changing and beam rotation are sound activated.
- Built-in microphone with automatic gain control (A.G.C.).
- Effective fan cooling.
- Adjustable mounting bracket.
- Can be controlled in multiples by a lighting controller.

HOW TO INSTALL THE MAGIC MOON

Before operating the Magic Moon, you will need to install the lamp and mount a suitable plug on the mains lead. Please do as follows:

IMPORTANT

Before attempting any of the following please ensure that the unit is disconnected from any mains power.

Mounting the mains plug:

- The Magic Moon may be delivered from the factory without a plug on the mains lead. You must mount a suitable plug (one that fits your local wall outlet) before you can connect the unit to the mains. The double isolated mains lead on the Magic Moon contains three wires. The brown wire should be connected to LIVE, the blue wire to NEUTRAL, and the Yellow/Green wire to EARTH (ground).

Installing the lamp:

- Loosen the 8 self tapping screws which secure the top cover to the unit, then remove the top cover.
- Hold the lamp by the ceramic parts or hold in a clean cloth, taking care not to touch the glass, and then push the lamp firmly into the lamp-socket. Lamp specifications are listed in the 'Technical Specifications' table on page 3. If you do touch the glass part of the lamp with your fingers you must clean it thoroughly with alcohol before use.
- Replace the top cover and tighten the screws.

Setting the mains voltage selector:

- Locate the mains voltage selector on the rear panel of the Magic Moon, and set it to either 115 V or 230 V according to your local mains supply.

You can now install the Magic Moon in the desired position. The mounting bracket allows you to tilt the unit ± 30 degrees with respect to horizontal position.

OPERATING THE MAGIC MOON

Switch on power to the Magic Moon, and the light will turn on. Sounds are picked up by a built-in microphone, thus sound activating both the color changing mirror and the beam rotation to the beat of the music. A special electronic circuit - the Automatic Gain Control - serves to adjust the gain when the average sound pressure alters. For this reason you will not see any potentiometer for adjusting the sensitivity of the microphone.

IMPORTANT

The motors in the Magic Moon are controlled via an electronic circuit. For this reason, you should not attempt to dim the Magic Moon by means of a dimmer pack or any similar equipment. Otherwise, damage might occur to the Magic Moon. However, it is legal to use the full on and full off levels on the dimmer pack as well as using a switch pack to remotely switch on and off the Magic Moon.

TECHNICAL SPECIFICATIONS

Dimensions with/without bracket:	
Length	430 mm / 430 mm
Width	378 mm / 336 mm
Height	273 mm / 183 mm
Weight:	14 Kg
Power consumption:	300 W
Mains voltage (switchable):	100 - 130 V / 220 - 240 V
Mains frequency:	50 - 60 Hz
Lamp:	250 W / 24 V EHJ (Philips 7748S / Osram HLX 64655)
Fuse:	T 3.15 A