

WARRANTY

Altman Stage Lighting Co., Inc., herein referred to as Altman, guarantees this product to be free of defects in materials and workmanship as follows:

This warranty extends to the original purchaser of this product for 12 months after the date of shipment. The warranty is limited to rectifying any such defect and/or replacing such defective part, that an authorized Altman representative determines by inspection to be defective in material and/or workmanship. Requests for warranty work must be made in writing to Altman Stage Lighting Co., Inc., Attn: Customer Service, 57 Alexander Street, Yonkers, NY 10701, U.S.A. The product must be returned (shipping prepaid) and in original packaging to the above address along with a valid RMA number obtained from Altman. Warranty services will not include "In Field Labor" costs for the installation of this product.

This warranty is void and Altman assumes no responsibility for damage or faulty performance on any product that has been improperly installed, overloaded, short circuited, abused, or altered in any manner.

Neither the seller nor the manufacturer shall be liable for any injury loss or damage, direct or consequential, arising out of the use of or the inability to use the product. No other warranty, expressed or implied, is given and no affirmation of the seller or manufacturer by words or action shall constitute a warranty.

MasterSpin®

Is a registered trademark of Altman Stage Lighting.

Specifications are subject to change without notice.

Product is distributed by:

Altman Stage Lighting Co., Inc.
57 Alexander Street
Yonkers, NY 10701
Phone (914) 476-7987
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120VAC Version UL Listed for user exclusively with Altman Master Ellipse and Micro Ellipse Luminaires.

Website: <http://altmanltg.com>

MASTERSPIN®

UL LISTED—GOBO ROTATOR

INSTRUCTIONS AND WARRANTY



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MASTERSPIN ®

VARIABLE SPEED GOBO ROTATOR

INSTRUCTIONS

INTRODUCTION

Congratulations on the purchase of your new MasterSpin Gobo Rotator. Now you can add dynamic motion and unique special effects to the Altman Master Ellipse and Micro Ellipse lighting fixtures. You can use metal gobos, glass gobos, or a mixture of both types in your new MasterSpin.

PREPARATION OF THE FIXTURE

Before using the MasterSpin, it is important to properly prepare the lighting fixture. The bulb should be aligned to produce a flat and even field. This is done by positioning the bulb in the reflector so that the circle of light is as smooth as possible. (This does not apply to a MR16 lamp.) The field is flat when the center of the field will be a lot brighter causing a hot center. If the lamp is positioned too far back out of the reflector, the center will be too dark and the beam will appear dim. An overheated center will cause the warping of the gobo patterns resulting in a dull focus and may cause damage to delicate metal designs.

HANDLING OF GOBOS

The glass or metal gobo is held in place by a flat metal retaining ring. With the MasterSpin laid flat, remove the retaining ring from the gobo holder by first gently lifting the tab of the ring with your fingernail or with a small screwdriver. Because the retaining ring is held in the holder with some tension, hold the ring with a finger of the other hand to prevent the ring from flying away. Drop the gobo pattern into the holder. Re-insert the retaining ring into the holder again. The best way to insert the retaining ring is to first push it in against the inside wall of the gobo holder at the open end with the tab, and then apply a downward pressure

All around the ring so the gobo pattern is secured. Repeat for the other goboholder if necessary. Changing gobos involves the same procedure. When using older warped metal gobo patterns, be sure the metal designs are bent away from each other, or they may catch on each other while rotating and cause a jam. *Use extreme caution when handling gobo patterns from a lighting fixture that has been on. They can be extremely hot and can cause severe burns when not allowed to cool!*

INSERTING THE MASTERSPIN

Make sure the bulb is properly aligned as outlined above. Slide the iris slot cover open on the lighting fixture by loosening the screw. Grasp the MasterSpin by the motor cover, and insert it straight down into the lighting fixture making sure it slides down into the lighting fixture making sure it slides along the inside grooves of the slot. Make sure the MasterSpin is inserted all the way in until it hits the inside bottom. Slide the iris slot cover back into place and push the MasterSpin tightly against the slot. Sometimes, the rear lens carrier may be adjusted too far back into the fixture and may block the iris slot area. Simply loosen and move the lens away. Tighten the slot cover screw. Set your focus. Secure the MasterSpin transformer cord so that it does not contact the fixture body. If you desire the patterns to spin in the other direction, simply flip the MasterSpin around by 180 degrees.

MOTION & SPEED CONTROL

The MasterSpin motion is designed to use standard 120V or 220V AC depending on the model purchased. The MasterSpin transformer has an integral voltage switch giving you various speed settings. A switch setting of 12 gives the fastest speed of 11 RPM, while the switch setting of 1.5 will give the slowest speed of 2 RPM. The MasterSpin will also work with conventional SCR dimmers, wall dimmers, and autotransformers. In the latter case, speed is controlled externally, so the MasterSpin transformer should be set to full maximum or at 12 to achieve the full range of speeds.

BURN-IN PROCEDURE

New metal gobo patterns should be allowed to "burn-in" for a few minutes prior to spinning them for the first time. This is to prevent the gobos from warping and jamming up against each other and then stop turning. If this happens, turn off the motor immediately by unplugging the MasterSpin transformer. Allow the unit to cool, remove it to correct the problem, reassemble, and then resume normal operation.

REMOVING THE MASTERSPIN

Allow the lighting fixture enough time to cool off before handling the MasterSpin or the gobo patterns in the MasterSpin. Once the MasterSpin has cooled, loosen the iris slot screw and slide the cover away. Grasp the MasterSpin by the motor and lift it straight out of the iris slot. Loosen and move the rear lens carrier forward and out of the way if necessary.

CAUTION

MasterSpin is designed for use in the 70 Watt CDM Altman Architectural Product Master Ellipse and the Altman Micro Ellipse lighting fixtures only. Always use the provided safety cable to secure the MasterSpin to the lighting fixture or mounting clamp.

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BRINGING IMAGINATION TO LIGHT