

Zot 7i Followspot

Installation and Set-Up Guide

The Zot 7i ships in one carton:

Head
Yoke
Base

Assembly

For the base kit, place the yoke assembly with pan collar installed in the lower pole. Adjust yoke to desired height and tighten gold height lever on collar. Adjust pan tension with knob on lower pole.

For tripod, loosen downpole nut, slip yoke pole into opening until seated and tighten nut. Adjust nuts to adjust for height, tilt and pan.

Lamping Installation

Caution

Spotlight must be disconnected from power during lamp installation. High voltage may cause electric shock.

Caution: Ultraviolet radiation

Do not view operating bulb as it may cause eye damage.

Do not connect spotlight to AC power until lamp is completely installed and the lamphouse is closed.

To insert lamp, open lamphouse door (rear of followspot) by turning the plastic knob 1/4-turn counterclockwise. Match the two metal bayonets with the two slots in the base and turn slightly clockwise until the base locks into the socket. Alignment is not needed as it is pre-set at the factory.

Gelling

Five color rings are provided; however, gels are not included.

To gel, remove the color boomerang and unscrew the two plastic knobs on top of the boomerang. Turn the boomerang assembly 90 degrees and lift the entire assembly up and out. Please note, removal is easier when the boom arms are slightly raised as the assembly is lifted out. Place the gels in the color frames (darkest colors furthest from the lamp) by placing the gel between the two rings on the arm. Insert fasteners into the holes in the ring and fold them over securely by spreading the feet of the fastener.



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Operation

It is recommended that the lamp be turned on at the beginning of the performance and remain on throughout, as cycling it on and off will reduce lamp life.

The beam is shaped by an iris. The spot size controller is a lever located on the operator side. Rotate clockwise to decrease spot size and counterclockwise to increase spot size. A rear operated fader gradually dims the beam. It operates by turning the handle left to open the fader and right to close the fader. The fader is the only control to be used for extended blackout periods.

The Zot 7i allows for more than one color frame to be engaged at once. Insertion of a new color frame will release all frames.

Maintenance and Service

Caution: Disconnect unit from power prior to attempting any cleaning or servicing to prevent electric shock

Periodic cleaning of guide rods and lenses is recommended. Use alcohol or lens cleaner on cool lenses for best results.

Mechanical

In order to access the interior start, you must uninstall the color changer. Remove thumb screws and lift the entire top component. Inspect fans ensuring they are free from dust and debris and spin freely. For best operation, the operator reflector guide rods should be lubricated using a high temperature grease or super lube. This should be performed annually.

Parts Replacement

The Zot 7i is easily serviceable and certain parts are field replaceable. To assure safe operation, only original replacement parts should be used.

Iris Replacement

To replace the iris, remove the followspot top. Locate the iris and remove the two 5/16" nuts that secure the iris to the plate. Remove the 3/8" nut located at the linkage end (iris end only). To install the new iris, place one flat washer on each stud on iris plate. Mount iris on the plate with the 90 degrees bend away from the iris plate. Secure in place using 5/16" nuts. Attach linkage using 3/8" nuts.

Please note: Do not loosen ball joint.