

– Instructions –

SETUP

The 1272 comes in three parts: the head and yoke assembly, the base, and the ballast. To begin set up, lift the base off the wheels by lowering the 3 leveling jacks. (Note the groove on the top of the pole.) Place the head and yoke assembly on the base pole. Rotate the yoke bearing assembly to align the pin in the yoke with the groove on the pole. The yoke should settle onto the base. Tighten the 3/8" bolt securely. Connect the multi-pole connector from the ballast to the male connector located under the rear of the spotlight. Connect the 3-conductor power cable to the proper power source as noted on the ballast label. Do not connect to any other voltage or frequency. **IMPORTANT: THIS UNIT MUST BE GROUNDED.**

LAMP INSTALLATION

Caution

- High voltage inside - May cause electric shock.
- Ultraviolet radiation - Do not view operating bulb. May cause eye damage.
- Disconnect spotlight from electrical power before opening lamphouse.

When working inside the lamp house disconnect the unit from AC power. Even with the safety switch in the lamp house open, under certain power input situations, voltage may be present. Loosen the two captive screws on the rear lamp drawer and slide the drawer out. The lamp socket is now visible. Insert the lamp first into the hole in the reflector then back into the socket, checking that the lamp is fully seated. Close the drawer and tighten the captive screws.

OPERATION of the SPOTLIGHT

Ignite the lamp by pressing the "on" button located on the operator's side of the unit. Lamp warm-up takes approximately one minute. Loss of input power or removal of the spotlight top will put the unit into "off" mode. To focus the spotlight, project a spot at an average throw with all the shutters open. Using the lamp center knob located under the lamp drawer handle, center the hot spot within the projected beam. Adjust the flatness of the beam with field control knob #50 (rear). Knob #50 (front) is optical focus for a hard or soft edge.

COLOR BOOMERANG

A six color boomerang is included with the spotlight. The boomerang is secured with two captive fasteners, and is easily removed for changing gels. To gel the boomerang, insert the gel between the two rings of a boom arm, securing it with a brass fastener or plastic tie wrap. Insert the fastener through the hole provided in the ring, through the gels and fasten tightly. Darkest colors should be placed furthest from the lamp. Insert color into spot light beam by lowering the appropriate lever until it locks. Inserting another color will automatically release the previous color. Pressing the color release lever will drop all the colors.

LAMP LIFE

For the best lamp life, it is recommended that the lamp be allowed long burning cycles. For example, if the show requires the use of the spotlight most of the time, the lamp should be lit for the entire show and "doused out" using the fader when not needed.

BALANCING

The feed cable from the ballast must be connected for proper balancing. To suit individual preferences, the chassis may be moved forward or backward by loosening the four screws located on the yoke mounts, labeled #63 on the diagram. Retighten the screws. Note: Yoke mounts on each side should be in the same position in the slots.

MAINTENANCE

Periodic cleaning of the unit is required for long life. The lenses may be cleaned with soap and water, alcohol, or appropriate lens cleaner.

HOOD REMOVAL

1. Loosen the housing fasteners (#32) securing front and rear of hood assembly.
2. Lift hood straight up until free of unit.
3. Upon installation, assure that side flanges are in groove of both side extrusions.
4. Retighten housing fasteners.

TROUBLE SHOOTING

If the lamp fails to light...

1. Check for AC power to spotlight. "Off" button should be illuminated.
2. If lamp does not ignite when "on" button is pressed, check safety switch in lamp house.
3. When "on" button is pressed and fans operate but light does not, there may be a faulty ignitor/operator assembly (aluminum chassis mounted on bottom of unit at male multi-connector location) or a faulty ballast unit.
4. If a loud "zap" is heard, but lamp does not ignite, check the lamp connection. The cause may also be a defective or aged lamp.

When removing ignitor/operations unit, note the wire orientation for correct reinsertion.

Any questions regarding the operation or repair of the unit will gladly be handled by the factory.