

– Instructions –

SETUP

The 1275 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. Remove the two phillips screws from the top and lift the top off. Note the safety switch. **DO NOT DEFEAT THIS SWITCH.** Remove the ferrules from both ends of the lamp and insert either end through the reflector and into the hole in the lamp mount, securing it with a ferrule. It is desirable to install the lamp with the discharge nipple up and the lead ribbon horizontal. Connect the silver wire coming from the lamp house to the front ferrule. The wire has a very high voltage and should be dressed straight up and then curved over to the lamp, keeping it free from any metal or from the reflector, while allowing lamp movement.

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 light, project a spot at an average throw with the iris two-thirds open. Focus the edge with control knob 19. It may be desirable to pull the trombone back a few inches from its normal forward position, and then focus to give the best edge for the range of zoom required. The lamp house has been focused at the factory; however, the hot spot can be repositioned by moving the "lamp vert" and "lamp horz" screws located on the rear lamp house label. Field may be flattened by adjusting field adjust screw. The three knobs located at the top center of the spotlight are the chopping shutter, iris and fader controls. Also included is a template slot which holds a #1304 gobo holder (purchased separately). The gate area of the template is 1-1/4".

COLOR BOOMERANG

A six color boomerang is included with the spotlight. The boomerang is secured with four threaded knobs, 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 #31 & #46 on the diagram. Retighten the screws. Note: Castings 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. Remove the three 1" ball knobs on top control rods.
2. Remove the four 10-32x3/4" phillips screws securing rear of hood.
3. Remove 1/4-20x5/8" slot screw in front hood securing rear of hood.
4. Remove threaded knobs holding aperture cover to hood. Remove aperture cover.
5. Carefully slide hood forward until rear is clear of fader assembly. (It will be necessary to move front lens fully forward.)
6. Rotate hood assembly 90 degrees and lift clear of chassis.
7. Installation is reverse of above.

TROUBLESHOOTING: 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.