

1277 Followspot

Installation and Set-Up Guide

Assembly

The 1277 is composed of three main components: the head, yoke assembly, and base.

To begin assembly, elevate the base off the wheels by lowering the three leveling jacks so the base sits flat. 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 into the base. Tighten the 3/8" bolt securely. Connect the power cable to the proper power supply.

The 1277 can operate at 208-240V and 50 and 60 Hz. The unit must be grounded.

Lamp Installation

Caution

Followspot 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.

When working inside the lamphouse, including during lamping, disconnect the unit from AC power. Even with the lamphouse safety switch in the open position, voltage may still be present under certain conditions. Always observe the safety switch and never bypass or defeat it.

You can access the lamp socket through the rear door. To open, turn the access knob counterclockwise. The 1277 utilizes a bayonet style lamp. To install the lamp, align the two tabs with the corresponding cutouts in the circular socket. Insert the lamp so each tab fits properly, then turn it clockwise until it locks into place.

Operation

Ignite the lamp by pressing the green power button located on the back bottom of the unit. Full lamp warm-up can require up to one minute. Loss of power or removal of top component will place the unit into the 'off' mode. The lamp focus is adjusted at the factory. To fine-tune the focus, project an average throw with the iris set approximately two-thirds open. You can achieve a sharp edge by turning the fine focus knob on top of the unit until the desired edge is obtained. You may want to pull the trombone back slightly. The unit features an integrated gate assembly, which includes a nichrome steel iris, paired stainless steel trim shutters, a gobo slot, and fading shutters. All controls are located on top of the unit.



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Color Boomerang

The followspot comes with a six-color boomerang. The boomerang is secured with four threaded knobs and be removed easily to swap gels. To insert a gel, place it between the two rings and secure it with a brass fastener or wire tie. Insert the fastener through the provided ring hole and the gel, then secure it in place. Place darkest colors furthest from the lamp. Insert color into the beam by lowering the appropriate lever until it locks. Inserting a new frame will automatically eject any previously inserted frame. Engaging the release lever will disengage all frames simultaneously.

Lamp Life

For optimal lamp longevity, it's advisable to maintain extended burn cycles. For instance, if the followspot is required throughout the performance, keep the lamp illuminated for the entire duration with the dowser engaged.

Maintenance and Service

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

Periodic cleaning of the followspot is required for long life. The lenses may be cleaned with soap and water, alcohol or optical lens cleaner. Keep fans free of dirt or foreign objects.

Trouble Shooting

If the lamp does not light, try the following steps:

1. Ensure power is applied to the followspot and the fan and pilot light are operating.
2. Check if the safety switch operates.
3. When 'on' button is pressed and fans are operational, but light does not work, there may be a faulty igniter/ops unit assembly.
4. If zapping sound is heard but the lamp will not ignite, check the lamp connection. Check if the lamp is defective or old.

Call Lycian technical support at 845.469.2285 should you require additional assistance.

Hood Removal

1. Remove the 1" ball knobs on top controls
2. Remove the four (4) 10-32x3/4" Phillips screws while securing the rear of the hood. Repeat same steps for the front.
3. Remove threaded knobs holding aperture cover to hood. Remove aperture cover.
4. Carefully slide hood forward until rear is clear of fader assembly. Ensure the front lens is fully forward.
5. Rotate hood assembly 90 degrees and lift clear of chassis.
6. To install, follow the above steps in reverse.