









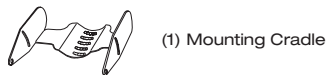
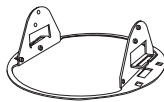


COMPONENT CHECKLIST

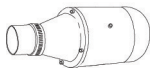
-  (1) Projector Supplement
-  (1) Allen Wrench
-  (3) Black Male Knobs
-  (1) Curved Washer
-  (4) Washers
-  (4) Black Female Knobs
-  (1) MR16/FO Lamp
-  (1) Lens Clip
-  (2) Focal Lenses
-  (2) Condenser Lenses
-  (2) PVC Spacers
-  (1) Ceiling Trim
-  (1) Glare Shield
-  (1) Focal Cone



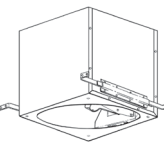
(1) Mounting Cradle



(1) Rotating ring



(1) Projector



(1) Housing



(1) Heat Shield



(3) Metal Slides

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE

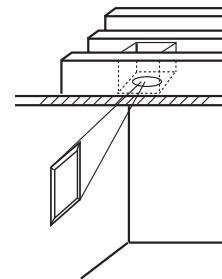
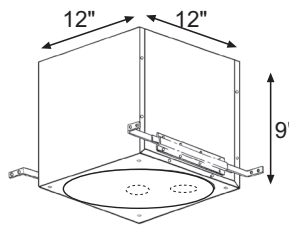
This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To ensure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding. **Retain these instructions for maintenance reference.**

INSTALLATION PROCEDURE FOR PHANTOM TOP ACCESS FIXTURE

REMOVE THE FIXTURE AND MOUNTING HARDWARE FROM THE CARTON. IDENTIFY ALL PARTS AND READ THE FOLLOWING ASSEMBLY INSTRUCTIONS BEFORE PROCEEDING WITH THE INSTALLATION. THE INSTRUCTIONS ARE IN A STEP BY STEP SEQUENCE FOR CORRECT AND EASY ASSEMBLY. PLEASE FOLLOW THE SEQUENCE! SAVE THE CARTON AND ALL PACKING MATERIALS UNTIL JOB IS COMPLETE. **SAVE THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE!** U.S.. PATENT #6,832,845

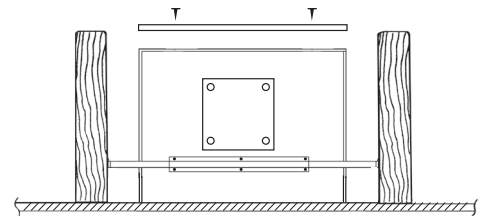
1) DETERMINE MOUNTING LOCATION

A projector supplement has been provided to illustrate projector performance, location and beam configurations. Determine the exact location and verify adequate space between rafters and depth of ceiling cavity to accommodate housing before proceeding. Because this is a custom installation a second person may be required to assist in the application.



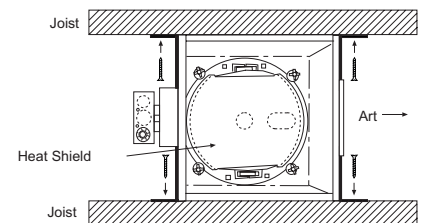
2) INSTALL HOUSING / ATTIC ACCESS ONLY

Once you have determined the best location for the projector, go into the attic to see if you have the area necessary to install the housing. Using a Philips head screwdriver make a hole in the best location for the projector trim. After making your hole go to the floor below and check to see if it is in the correct location. Keep the hole that you made with the screwdriver in the center of the elongated hole in the heat shield. Adjust the housing forward or backward as needed. The mounting arms are turned inwards for shipping purposes, rotate the arms to the outward position so that you will have a better drilling position for your mounting screws. Extend the mounting arms to fit snugly between joists and screw into place. Tighten the three hex head screws to anchor the arms and secure to housing.



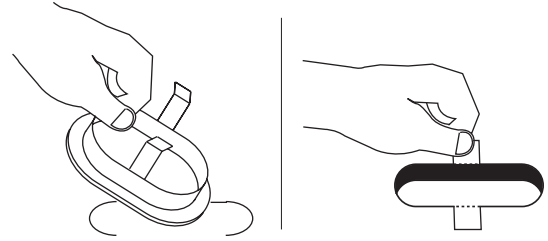
3) CUT OPENING FOR CUSTOM TRIM

Using the heat shield and a key hole saw, cut around edge of appropriate knock out hole as clean as possible. Elongated hole is for angle aiming and the center hole is for vertical aiming. It is OK if the housing and projector are not centered on painting. The projector works perfectly at angles off center of art. For vertical applications no trim is provided.



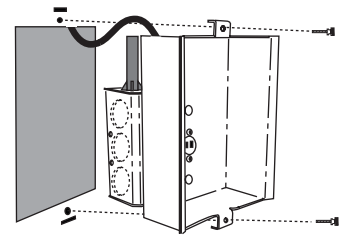
4) INSERT TRIM

Once you have cut your opening, remove the heat shield temporarily to install your elongated trim into opening. Pull the elongated trim back up to ceiling and bend the flanges down for a tight fit against ceiling. Staple flanges to sheet rock to secure. Install glare shield if desired. Replace the heat shield back into position.



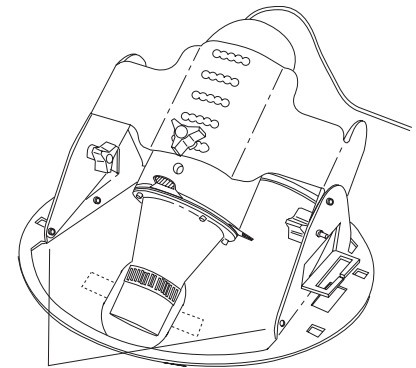
5) WIRE IN AND ATTACH JUNCTION BOX TO HOUSING

Remove metal cover from junction box and inspect wiring compartment. Install strain relief device(s) and bring SUPPLY WIRES into junction box. Allow adequate slack in wire(s) to pull J-BOX into housing for servicing transformer. Connect WHITE transformer and thermal protector lead to neutral supply lead. Connect BLACK thermal protector lead to HOT (120V) supply lead. Connect GREEN fixture wire to supply ground lead. Place all electrical connections in J-BOX and close the J-BOX cover. (See wiring diagram on bottom of page).



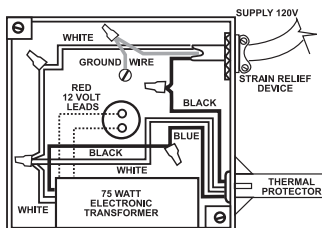
6) INSTALL PROJECTOR AND CRADLE

Lower your projector cone into opening and position the projector back at the desired angle. The cradle fits over the projector to hold it into place. Install the projector into the cradle with the three holes on the projector facing up and secure using one black knob to the center hole. Insert pivot pegs into pivot holes on cradle. This is your aiming angle pivot. Angle projector to correct position and tighten the 2 black knobs on sides of cradle. See projector supplement sheet for further instructions regarding lens combinations and projector set up.



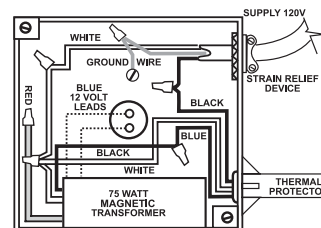
Pivot Pegs

DIMMING NOTES - This fixture contains an electronic transformer that may require the use of a special dimmer.



Hatch® electronic transformers are standard on all Phantom Contour Projectors. This transformer has a built in safety device and is designed to power down or shut off in the event of a short in the system. The BLACK and WHITE wires represent the supply voltage or input voltage to the transformer. The two RED wires represent the output voltage or

12 volt AC output going to the fixture. Other input voltages such as 220, 240 and 277 are available as an option as well as 50 Hz models available for our European customers.



The Q-Tran® magnetic transformers with built in thermal protector are optional on all Phantom Contour Projectors. This transformer has a built choke coil to reduce noise levels to about 17db which is well below audible levels of 26db. Dual input voltages of 115V and 120V for extending lamp life. The RED and WHITE wires provide 115

volts to the transformer. The BLACK and WHITE wires provide 120 volts to the transformer. The two BLUE wires represent the output voltage or 12 volt AC output going to the fixture. Other input voltages are available for 220, 240, 277 and 50 Hz models for European customers in large quantities by special order only.