



Wavelight “Effect Rotator” Operation

The optional “Effect Rotator” accessory is intended to allow the installation of an external effect material at the output of the Wavelight fixture, and to adjust the rotation of the material within a range of 90 degrees. The accessory will also allow the use of an optional “Barn Door” attachment to define the edges of the projected pattern.

The installation of this accessory will prevent the use of the internal gel frame mounted to the inside of the fixture at the front. The mounting holes for the gel frame are used to secure the mounting ring for the “Effect Rotator” accessory, and the body of the accessory and the rotator adjustment will block the hole for the fastener normally used to retain the internal filter.

The following procedure should be used for installation and adjustment of the external filter. The procedure requires a suitable adhesive to attach the filter to the effect mount, and a small flat blade screwdriver to loosen the filter mount, and to secure it once the adjustment is complete.

- 1 Select the fixture and accessories, which should include the following items for each fixture:
 - 1 Wavelight fixture with “Effect Rotator” accessory pre-installed.
 - 1 Lenticular filter material, pre-cut to 1 1/4 inch or 3cm square.
 - 1 Barn Door accesssory
- 2 Roughly position the fixture, apply power to the unit, and adjust it to illuminate the desired area. Determine the general orientation of the lenticular filter which will provide the desired effect when placed over the fixture aperture. Note the orientation of the filter with respect to the fixture housing.
- 3 Disconnect the fixture, and take it to a convenient location to install the filter. Use the screwdriver to loosen, but not remove, the two screws securing the accessory mounting ring to the front of the fixture. When the screws are loose, rotate the black plastic effect mount to the center of its range using the adjustment tab provided.
- 4 Position the effect material onto the effect mount, recalling the correct orientation of the filter with the fixture housing, and secure the filter to the effect mount using a small amount of adhesive at the edges of the filter. Be careful not to allow excessive adhesive to flow between the effect mount and the mounting ring, or flow across the surface of the filter material itself.
- 5 When the adhesive has set, reinstall the fixture, apply power to the unit, and adjust the output to cover the desired area. With the fixture in operation, adjust the rotation of the installed filter to the correct orientation using the adjustment tab on the filter holder. When the filter alignment is correct, tighten the two screws on the mounting ring to lock the effect mount into position.
- 6 Unpack and install the optional “barn door” accessory, which should be a “press fit” into the mounting ring. The barn door attachment can be rotated as necessary in the mounting ring, and will hold in any position without falling out.
- 7 With the fixture in the final position, adjust the rotation of the barn door unit, and position the four individual flaps to limit the projected effect to the desired area.