

AMBITFUL AMBITFUL-JUGUANGTONG

AMBITFUL AL-16 Bowens Mount Optical Condenser User Manual

Model: AMBITFUL-JUGUANGTONG

Brand: AMBITFUL

INTRODUCTION

The AMBITFUL AL-16 Bowens Mount Optical Condenser is a specialized light shaping tool designed for photographers and videographers. Constructed from durable aluminum alloy, it offers high-temperature resistance for extended use. Its professional optical lens is engineered to produce precise, focused light beams, enabling the creation of various stage focusing effects and dramatic accents.

This condenser features a versatile Bowens Mount, making it compatible with a wide range of studio strobe flashes and LED lights, including models like the Neewer SL-60W, SL-150W, and 200W LED lights. It is ideal for generating unique lighting patterns and colors to enhance creative photography and video projects.

WHAT'S IN THE BOX

What's in the Box

1. Snoot*1
2. Modelling Piece*16
3. Bowens Mount*1
4. Color Gels Filters*6
5. Card Slot*1

Note: Profoto, Elinchrom Mount, Can be purchased separately



Image: Diagram showing the components included in the AMBITFUL AL-16 package.

- 1 x Optical Snoot
- 1 x Bowens Speedring
- 16 x Stainless Steel Gobos (Pattern Cards)
- 8 x Color Gels (Yellow, Red, Pink, Blue, Green, etc.)

Note: Strobe flash light, Profoto speedring, and Elinchrom speed ring are not included and must be purchased separately if needed.

SETUP INSTRUCTIONS

Follow these steps to correctly assemble and prepare your AMBITFUL AL-16 Optical Condenser for use.

1. **Attach Bowens Speedring:** Secure the Bowens speedring to your compatible studio strobe flash or LED light. Ensure it is firmly locked in place.
2. **Mount Optical Snoot:** Align the AMBITFUL AL-16 optical snoot with the Bowens speedring. Insert and twist clockwise until it clicks into position.
3. **Insert Gobo:** Select one of the 16 stainless steel gobos. Slide the gobo into the designated slot on the

side of the optical snoot.

4. **Add Color Gel (Optional):** To introduce color, unscrew the front ring of the optical snoot. Place one of the 8 color gels into the slot and re-screw the front ring to secure it.
5. **Adjust Focus:** Rotate the focus ring on the optical snoot to achieve a sharp or blurred projection of the gobo pattern.

Installation



Image: Visual guide demonstrating the nine steps for installing the optical snoot onto a light source and inserting accessories.

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Video: An overview of the AMBITFUL AL-16, demonstrating its assembly, the insertion of gobos and color gels, and the focusing mechanism. This video provides a visual guide to the product's features and basic operation.

OPERATING INSTRUCTIONS

The AL-16 allows for creative control over light projection. Here's how to operate it effectively:

- **Pattern Projection:** Insert one of the 16 included gobos into the side slot. These metal plates will project various shapes and patterns onto your background or subject.
- **Focus Adjustment:** Use the focus ring on the front of the snoot to sharpen or soften the edges of the projected pattern. Rotating the ring allows you to transition from a crisp, defined pattern to a soft, diffused effect.
- **Color Effects:** To add color, unscrew the front lens element and place a color gel in front of the lens. Re-secure the lens. The 8 included color gels (Yellow, Red, Pink, Blue, Green) can be used individually or combined for custom hues.
- **Light Source Compatibility:** The AL-16 is designed for use with Bowens mount studio lights. For precise aiming, it is recommended to use a light with a pilot lamp or continuous LED light.
- **Distance and Size:** The size of the projected pattern is influenced by the distance between the optical condenser and the projection surface. Moving the unit further away will result in a larger pattern, while moving it closer will create a smaller one.

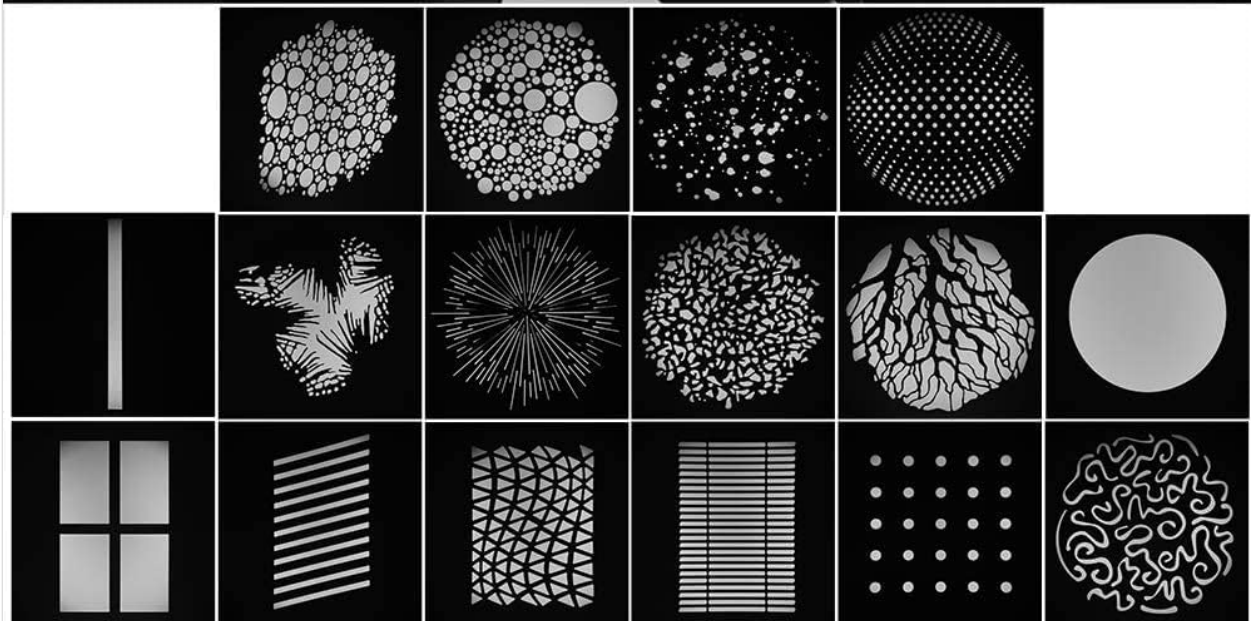


Image: A selection of the 16 different gobo patterns that can be projected using the AMBITFUL AL-16 optical condenser.



Image: Four photographic examples showcasing various lighting effects achieved with the AMBITFUL AL-16, including patterned backgrounds and colored light.

MAINTENANCE

To ensure the longevity and optimal performance of your AMBITFUL AL-16 Optical Condenser, follow these maintenance guidelines:

- **Cleaning Lenses:** Use a soft, lint-free microfiber cloth specifically designed for optical lenses to gently wipe away dust and smudges. For stubborn marks, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens.
- **Cleaning Gobos:** The metal gobos can be wiped clean with a dry, soft cloth. Avoid abrasive materials that could scratch the patterns.
- **Storage:** Store the optical condenser, gobos, and color gels in a dry, dust-free environment, preferably in their original packaging or a protective case, when not in use.
- **Handling:** Always handle the unit by its main body. Avoid touching the optical elements directly to prevent fingerprints and smudges.

TROUBLESHOOTING

If you encounter issues with your AMBITFUL AL-16, consider the following:

- **Unclear Projection:** If the projected pattern appears blurry, adjust the focus ring on the front of the optical snoot. Ensure the gobo is correctly seated in its slot.
- **No Pattern Projection:** Verify that a gobo is correctly inserted into the slot and that the light source is powered on and functioning.
- **Uneven Light:** Check that the optical snoot is securely mounted to the light source and that all components are properly aligned.
- **Color Issues:** If colors are not appearing as expected, ensure the color gels are clean and correctly positioned in the front ring.

SPECIFICATIONS

Feature	Specification
Product Dimensions	8.98 x 8.98 x 2.56 inches
Item Weight	3.59 pounds
ASIN	B07KDDSYMP
Item Model Number	AMBITFUL-JUGUANGTONG
Manufacturer	AMBITFUL
Color	Multi-colored
Material	Aluminum
Mount Type	Bowens Mount

WARRANTY AND SUPPORT

Specific warranty information for the AMBITFUL AL-16 Optical Condenser is not provided in the product details. For warranty claims, technical support, or further assistance, please refer to the manufacturer's official website or contact the seller directly.

You may also visit the [AMBITFUL Store on Amazon](#) for additional product information and contact options.