

## Apollo V16000M

# Apollo Horizon 2 Overhead Projector (Model V16000M) Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Apollo Horizon 2 Overhead Projector. Please read this manual thoroughly before using the projector and retain it for future reference.

The Apollo Horizon 2 is designed to brighten presentations with its 2000 lumen output and a 10" x 10" stage glass surface area. Its open head and double fresnel lens system ensure clear, edge-to-edge sharpness and brightness. Weighing just 12 lbs and equipped with two carry grip handles, it offers easy portability for various environments.

## 2. SAFETY INFORMATION

- Always ensure the projector is placed on a stable, level surface to prevent tipping.
- Do not block ventilation openings to prevent overheating. The projector features a built-in high-efficiency cooling system, but proper airflow is crucial.
- Unplug the projector from the power outlet before cleaning or performing any maintenance.
- Avoid direct eye exposure to the projector lamp.
- This projector is equipped with a thermal shutoff switch for safety, which will activate if the unit overheats.
- Use only transparency sheets designed for overhead projectors.

## 3. SETUP

1. **Unpacking:** Carefully remove the projector and all accessories from the packaging.
2. **Head Assembly:** Extend the projector arm and position the projection head. The open head can be folded down for storage or adjusted to the desired projection angle.
3. **Power Connection:** Connect the power cord to the projector and then to a grounded electrical outlet.



Figure 1: The Apollo Horizon 2 Overhead Projector, fully assembled and ready for use.

## 4. OPERATING INSTRUCTIONS

1. **Placing Transparencies:** Place your transparency sheet flat on the 10" x 10" stage glass surface. Ensure the image is oriented correctly for projection.
2. **Power On:** Locate the power switch (usually a button or toggle) on the projector and turn it on. The lamp will illuminate.
3. **Focus Adjustment:** Use the focus knob on the projection head to sharpen the image on your screen or wall.

4. **Image Size Adjustment:** To change the size of the projected image, move the projector closer to or further away from the projection surface.
5. **Lamp Controls:** Utilize the high/low lamp controls to adjust brightness and extend the life of the projector lamp.

# HIGH/LOW CONTROL TO EXTEND LAMP LIFE



Figure 2: High/Low lamp controls for adjusting brightness and extending lamp life.

# IDEAL FOR CLASSROOMS



Figure 3: The projector is ideal for classrooms and small venues.

## Product Overview Video

This video provides a brief overview of the Apollo Horizon 2 Overhead Projector, demonstrating its key features and functionality.

## 5. MAINTENANCE

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- **Cleaning:** Regularly clean the stage glass and projection lens with a soft, lint-free cloth. For stubborn marks, use a mild glass cleaner. Ensure the projector is unplugged before cleaning.
- **Lamp Replacement:** The projector includes a lamp changer for easy bulb replacement. Refer to the specific lamp type and replacement instructions provided with your projector.
- **Cooling System:** Periodically check the ventilation grilles for dust accumulation and clean them to maintain optimal cooling performance.

# EDGE-TO-EDGE BRIGHTNESS



Figure 4: The 10" x 10" stage glass surface area provides ample space for transparencies.

## 6. TROUBLESHOOTING

- **No Image:** Ensure the power cord is securely plugged in and the power switch is on. Check if the lamp is functioning.
- **Dim Image:** Verify the lamp is set to the high brightness setting (if applicable). Clean the projection lens and stage glass. Ensure the room is adequately darkened.
- **Overheating:** If the projector shuts off unexpectedly, it may be due to overheating. Allow it to cool down, check for blocked ventilation, and ensure it's on a stable surface.
- **Blurred Image:** Adjust the focus knob on the projection head until the image is clear. Ensure the projection surface is flat.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Apollo

Model Number	V16000M
Manufacturer	ACCO Brands
Brightness Rating	2000 Lumen
Stage Glass Surface Area	10" x 10"
Item Weight	13.7 pounds
Product Dimensions	17.5 x 15.7 x 12.4 inches
Material Type	Plastic
Color	Gray
Special Feature	Lightweight

## 8. WARRANTY AND SUPPORT

The Apollo Horizon 2 Overhead Projector comes with a **2-year limited warranty**. Please retain your proof of purchase for warranty claims.

### What's in the Box:

- Lamp Changer
- 2 Carry Grip Handles
- Locking Kensington Security Slot for Theft Prevention

For further assistance or technical support, please refer to the contact information provided with your product packaging or visit the official Apollo brand website.