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Reflecta 1800AF

Reflecta Diamator 1800AF Slide Projector User Manual

Model: 1800AF | Brand: **Reflecta**

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, and maintenance of your Reflecta Diamator 1800AF Slide Projector. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

The Reflecta Diamator 1800AF is a high-quality slide projector designed for clear and bright image projection. It features automatic focus, a powerful 24V 150W lamp, and a multi-coated (MC) lens for enhanced sharpness and light efficiency. It supports standard CS and LKM slide magazines, as well as round magazines with appropriate adapters.

SAFETY INSTRUCTIONS

- Always ensure the projector is placed on a stable, level surface to prevent tipping.
- Do not block ventilation openings. Overheating can damage the device.
- Disconnect the power cord from the outlet before cleaning or performing any maintenance.
- Do not expose the projector to moisture or extreme temperatures.
- The lamp operates at high temperatures. Allow the projector to cool down before handling the lamp or opening the lamp compartment.
- Use only the specified lamp type (24V 150W) for replacement.
- This device is equipped with a thermal circuit breaker for safety. If the projector shuts off unexpectedly, allow it to cool down before attempting to restart.
- Keep out of reach of children.

COMPONENTS AND FEATURES

Familiarize yourself with the main components of your Reflecta Diamator 1800AF Slide Projector:



Figure 1: Reflecta Diamator 1800AF Slide Projector. This image displays the front and left side of the projector, highlighting the large lens, the slot for slide magazines, and the top-mounted control panel. The "MC" (Multi-Coated) designation is visible near the lens, indicating its optical quality. The overall design is compact and robust, with a carrying handle integrated into the top.

- **Projection Lens:** Multi-coated (MC) for optimal image sharpness and light transmission.
- **Slide Magazine Slot:** Accepts standard CS and LKM magazines, and round magazines with an adapter.
- **Automatic Focus:** Automatically adjusts for sharp image projection.
- **Lamp:** 24V 150W halogen lamp for bright illumination.
- **Wired Remote Control Port:** For connecting the included remote control.
- **Thermal Circuit Breaker:** Safety feature to prevent overheating.
- **Unique Diaphragm:** Contributes to image quality.
- **Carrying Handle:** Integrated for easy transport.
- **Timer Port:** For connecting an external timer accessory.

SETUP

1. **Unpacking:** Carefully remove the projector and all accessories from the packaging. Retain the packaging for future storage or transport.
2. **Placement:** Place the projector on a stable, flat surface at the desired distance from the projection screen or wall. Ensure adequate ventilation around the unit.
3. **Power Connection:** Connect the power cord to the projector's power input, then plug the other end into a suitable electrical outlet (220-240V AC, 50/60Hz).
4. **Remote Control Connection:** Plug the wired remote control into its designated port on the projector.
5. **Loading Slides:**
 - Insert your prepared slide magazine (CS, LKM, or round with adapter) into the slide magazine slot until it clicks into place.
 - Ensure slides are correctly oriented for projection.

OPERATING INSTRUCTIONS

1. **Power On:** Turn on the projector using the main power switch, usually located on the control panel or rear of the unit. The lamp will illuminate.
2. **Automatic Focus:** The projector will automatically adjust the focus for the first slide. If needed, a manual focus override may be available (refer to specific controls on your unit).
3. **Advancing Slides:** Use the forward/backward buttons on the projector's control panel or the wired remote control to advance or reverse slides in the magazine.
4. **Projection Adjustment:**
 - Adjust the projector's tilt or height using the adjustable feet to align the image with the screen.
 - Move the projector closer or further from the screen to adjust the image size.

- Power Off:** After use, turn off the projector using the main power switch. Allow the cooling fan to run for a few minutes (if applicable) before disconnecting power.
- Removing Slides:** Once the projector has cooled, carefully remove the slide magazine.

MAINTENANCE

- Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projection lens. Do not use abrasive cleaners.
- Cleaning the Exterior:** Wipe the exterior of the projector with a soft, damp cloth. Avoid using harsh chemicals or solvents.
- Lamp Replacement:**
 - Ensure the projector is unplugged and completely cool.
 - Locate the lamp access panel (refer to your projector's diagram if unsure).
 - Carefully open the panel and remove the old lamp, often by releasing a retaining clip or screw. Avoid touching the new lamp's glass with bare hands.
 - Insert the new 24V 150W lamp, ensuring it is seated correctly.
 - Close the lamp access panel securely.
- Storage:** When not in use, store the projector in a dry, dust-free environment, preferably in its original packaging or a protective case.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Projector does not turn on.	No power supply; Power cord loose; Main switch off.	Check power outlet; Ensure power cord is securely connected; Turn on main power switch.
No image projected.	Lamp burnt out; Slide magazine not inserted correctly; Lens cap on.	Replace lamp; Reinsert magazine; Remove lens cap.
Image is blurry.	Automatic focus issue; Lens dirty; Projector too far/close.	Allow auto-focus to adjust; Clean lens; Adjust projector distance.
Projector shuts off unexpectedly.	Overheating (thermal circuit breaker activated); Power surge.	Allow to cool down; Ensure ventilation is not blocked; Use a surge protector.

SPECIFICATIONS

Feature	Detail
Brand	Reflecta
Model	Diamator 1800AF
Lamp Type	24V 150W
Focus	Automatic Focus
Lens	Multi-Coated (MC)

Feature	Detail
Remote Control	Wired Remote Control
Safety Features	Thermal Circuit Breaker
Dimensions (L x W x H)	37 x 36.2 x 15.6 cm (approx. 14.57 x 14.25 x 6.14 inches)
Weight	4.62 kg (approx. 10.19 lbs)
Supported Magazines	Standard CS, LKM, and round magazines (with adapter)

WARRANTY AND SUPPORT

Specific warranty information for the Reflecta Diamator 1800AF Slide Projector is not available in this document. Please refer to the warranty card included with your product or contact Reflecta customer support for details regarding warranty coverage and service.

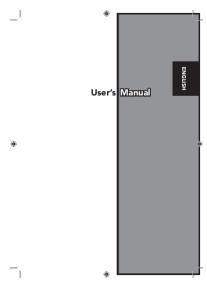
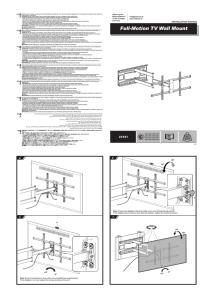
For technical support, spare parts, or service inquiries, please visit the official Reflecta website or contact their authorized service centers. Keep your purchase receipt as proof of purchase.

Note: Information regarding software updates is not available for this product.



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Related Documents - 1800AF

	<p>reflecta CyberView X 5.0 Slide Scanner User Manual</p> <p>Comprehensive user manual for the reflecta CyberView X 5.0 slide scanner. This document provides detailed instructions on installation, software setup, hardware connection, scanning procedures, user interface navigation, and technical support information.</p>
	<p>Full-Motion TV Wall Mount Installation Manual - Model 23161</p> <p>Detailed installation manual for the reflecta Full-Motion TV Wall Mount, model 23161. Includes safety warnings, parts list, and step-by-step assembly instructions for secure TV mounting.</p>

 <p>RPS 10S User's Manual</p>	<p>Reflecta RPS 10S Film Scanner User's Manual - Scan Your Memories</p> <p>Comprehensive user manual for the Reflecta RPS 10S film scanner. Learn how to install, set up, scan film strips and slides, and optimize image quality with CyberViewX software.</p>
 <p>reflecta DigitDia 8000</p>	<p>Reflecta DigitDia 8000 Magazine Scanner: High-Resolution Slide Digitization</p> <p>Discover the Reflecta DigitDia 8000, a high-resolution magazine scanner designed for digitizing slides with exceptional quality, featuring Magic Touch technology and fast scanning speeds.</p>
 <p>reflecta x44-Scan</p>	<p>Reflecta x44-Scan: High-Resolution Film and Slide Scanner</p> <p>Discover the Reflecta x44-Scan, a versatile and easy-to-use scanner for digitizing slides and negatives. Featuring a 16-megapixel sensor, 7-inch IPS display, and stand-alone operation, it delivers high-quality JPEGs directly to an SD card.</p>