

Harrison RM4000-1618

Harrison RM4000-1618 Automatic Concealed Door Closer Instruction Manual

1. INTRODUCTION

Thank you for choosing the Harrison RM4000-1618 Automatic Concealed Door Closer. This manual provides essential information for the proper installation, operation, and maintenance of your new door closer. Please read these instructions carefully before installation and retain them for future reference to ensure safe and efficient use of the product.

2. PRODUCT OVERVIEW

The Harrison RM4000-1618 is a high-quality automatic concealed door closer designed for various applications, including homes, offices, hotels, and restaurants. It offers controlled door movement, enhancing safety and convenience.

Key Features:

- **Premium Quality:** Constructed from durable Aluminium material for long-lasting performance.
- **Double Speed Adjustment:** Allows for precise control over door closing and opening speeds.
- **Versatile Mounting:** Supports both door and frame mounting configurations.
- **Wide Weight Capacity:** Suitable for doors weighing between 45kg to 90kg.
- **180-Degree Opening:** Facilitates seamless passage and accessibility.
- **Sleek Black Finish:** Modern design to complement various interiors.

Included Components:

- 1 x Harrison RM4000-1618 Automatic Concealed Door Closer
- Installation Screws



Figure 1: The Harrison RM4000-1618 Automatic Concealed Door Closer unit.



Figure 2: The Harrison RM4000-1618 Door Closer installed on a wooden door.

3. SAFETY INFORMATION

Observe the following safety precautions during installation and operation:

- Always wear appropriate personal protective equipment (PPE) during installation.
- Ensure the door closer is installed by a qualified individual if you are unsure about the process.
- Do not attempt to modify the door closer. Unauthorized modifications can compromise safety and performance.
- Keep hands and fingers clear of moving parts during door operation.
- Regularly inspect the door closer for any signs of wear or damage. Replace damaged components immediately.
- Ensure all screws and fasteners are securely tightened after installation and during maintenance checks.

4. SETUP AND INSTALLATION

The Harrison RM4000-1618 door closer is designed for hassle-free installation with versatile door and frame mounting options. Detailed installation instructions and templates are typically included with the product

packaging. Please refer to these specific documents for step-by-step guidance tailored to your installation type.

General Installation Notes:

- Identify the correct mounting position on your door or frame based on the door's swing direction and desired opening angle.
- Use the provided screws and hardware for secure attachment.
- Ensure the door closer is level and aligned correctly to prevent undue stress on the door and closer mechanism.
- Test the door's operation immediately after installation to verify proper closing and opening speeds.

5. OPERATING INSTRUCTIONS

Once installed, the Harrison RM4000-1618 automatically controls the door's closing motion. The double speed adjustment feature allows you to fine-tune the closing cycle to your preference.

Speed Adjustment:

The door closer features two independent speed adjustment valves, typically located on the body of the closer. These valves control the initial closing speed and the latching speed (the final few degrees of closing).

- **Initial Closing Speed:** Adjust this valve to control how quickly the door closes from its fully open position until it reaches the latching point.
- **Latching Speed:** Adjust this valve to control the speed of the door for the last few degrees of closing, ensuring it latches securely without slamming.

To adjust, use a screwdriver to turn the respective valve. Turn clockwise to decrease speed (slower closing) and counter-clockwise to increase speed (faster closing). Make small adjustments and test the door's operation after each adjustment until the desired speed is achieved.

Door Opening Angle:

This door closer allows for a door opening angle of up to 180 degrees, depending on the door and frame configuration. Ensure there are no obstructions that would prevent the door from opening to its full intended extent.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Harrison RM4000-1618 door closer.

- **Cleaning:** Wipe the exterior of the door closer with a soft, damp cloth to remove dust and grime. Avoid using abrasive cleaners or solvents.
- **Inspection:** Periodically check all mounting screws and fasteners to ensure they are tight. Inspect the closer body and arm for any signs of damage, leaks, or excessive wear.
- **Lubrication:** The internal mechanism is factory-lubricated and generally does not require additional lubrication. If you notice unusual noises or stiffness, consult a professional.
- **Speed Check:** Occasionally verify that the closing and latching speeds are still set to your preference and adjust if necessary.

7. TROUBLESHOOTING

If you encounter issues with your door closer, refer to the following common problems and solutions:

- **Door closes too fast/slow:** Adjust the speed control valves as described in the 'Operating Instructions' section.
- **Door does not close completely:** Check for obstructions around the door frame. Ensure the latching speed is set appropriately. Verify that the door closer is correctly aligned and securely mounted.
- **Door slams shut:** Decrease the latching speed by turning the corresponding valve clockwise.
- **Oil leakage:** If you observe oil leaking from the closer body, this indicates a seal failure. The unit may need to be replaced. Contact customer support.
- **Excessive noise:** Check all mounting screws for tightness. Ensure the door closer arm is not rubbing against the door or frame.

If problems persist after attempting these solutions, contact Harrison customer support for assistance.

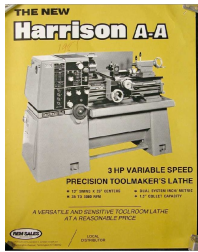
8. SPECIFICATIONS

Feature	Specification
Model Number	RM4000-1618
Material	Aluminium
Installation Type	Concealed
Exterior Finish	Black
Item Weight	900 Grams
Product Dimensions (LxWxH)	19 x 4 x 4 Centimeters
Weight Capacity	45kg to 90kg
Opening Angle	Up to 180 Degrees
Country of Origin	India

9. WARRANTY AND SUPPORT

Warranty information for the Harrison RM4000-1618 Automatic Concealed Door Closer is typically provided with the product packaging or available from the manufacturer. Please refer to these documents for details regarding warranty coverage and terms.

For technical support, inquiries, or to report issues, please contact Harrison customer service. You may also visit the official Harrison store for more information: [Harrison Store](#).



[Harrison AA Precision Toolmaker's Lathe - Specifications and Features](#)

Detailed information on the Harrison AA Precision Toolmaker's Lathe, including its specifications, features, safety aspects, and available accessories. This 3 HP variable speed lathe is designed for toolroom, laboratory, and precision production work.



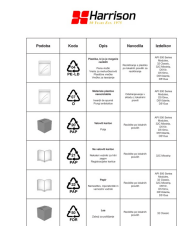
[Harrison D510r Series User Guide: D510dante, D510ua, D510mx](#)

Comprehensive user guide for the Harrison D510r 500 series rackmount system and its interface modules (D510dante, D510ua, D510mx). Covers features, installation, specifications, and operation for professional audio applications.



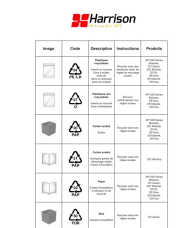
[Harrison 32Classic Analog Studio Console User Manual](#)

Discover the Harrison 32Classic Analog Studio Console with this comprehensive user manual. Learn about its classic analog sound, modern DAW integration, Dante networking, modular design, and detailed operational specifications for professional audio production.



[Informacije o recikliranju embalaže Harrison](#)

Podrobne informacije o pravilnem recikliranju različnih vrst embalaže, ki se uporablja za izdelke Harrison, vključno s kodami, opisi in navodili.



[Informations de Recyclage Harrison pour les Matériaux d'Emballage](#)

Ce document détaille les codes de recyclage pour les différents matériaux d'emballage utilisés par Harrison, tels que les plastiques, le carton et le bois, ainsi que les produits associés.



[Harrison Atkritumu Pārstrādes Informācija](#)

Šis dokuments sniedz detalizētu informāciju par dažādu Harrison produktu iepakojuma materiālu atkritumu pārstrādi, norādot kodus, aprakstus un piemērojamus produktus.