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› [ROGER TECHNOLOGY MC774 Magnetic Fine-Course for H70/103AC, H70/104AC, and B70/1DC Control Units User Manual](#)

ROGER TECHNOLOGY MC774

ROGER TECHNOLOGY MC774 Magnetic Fine-Course User Manual

For H70/103AC, H70/104AC, and B70/1DC Control Units

1. INTRODUCTION

This manual provides essential information for the correct installation, operation, and maintenance of the ROGER TECHNOLOGY MC774 Magnetic Fine-Course. The MC774 is designed to be integrated with ROGER TECHNOLOGY control units, specifically models H70/103AC, H70/104AC, and B70/1DC, to enhance their functionality. Please read this manual carefully before proceeding with installation or use.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in injury or damage to the product.

- Ensure all power to the control unit is disconnected before installation or maintenance.
- Installation should only be performed by qualified personnel.
- Do not modify the device in any way.
- Keep the device away from strong magnetic fields that are not part of its intended operation.
- Dispose of packaging materials responsibly.

3. PACKAGE CONTENTS

The package should contain the following item:

- 1 x ROGER TECHNOLOGY MC774 Magnetic Fine-Course

Note: If any components are missing or damaged, contact your supplier immediately.

4. SETUP AND INSTALLATION

The MC774 Magnetic Fine-Course is designed for integration with specific ROGER TECHNOLOGY control units. Refer to the control unit's manual for detailed wiring diagrams and mounting instructions.

1. **Power Disconnection:** Before beginning installation, ensure that the main power supply to the control unit (H70/103AC, H70/104AC, or B70/1DC) is completely disconnected.
2. **Mounting:** Mount the MC774 Magnetic Fine-Course in the designated location as specified by the control unit's installation guide. Ensure it is securely fastened and correctly aligned.
3. **Wiring:** Connect the MC774 to the appropriate terminals on the control unit. Consult the wiring diagram provided in your specific control unit's manual (H70/103AC, H70/104AC, or B70/1DC) for correct polarity and connection points.
4. **Verification:** After installation, double-check all connections to ensure they are secure and correctly wired.
5. **Power Reconnection:** Restore power to the control unit.



Image description: A diagram illustrating the proper connection of the MC774 Magnetic Fine-Course to the terminals of a compatible ROGER TECHNOLOGY control unit. Specific wiring points are highlighted for clarity.

5. OPERATING INSTRUCTIONS

The MC774 Magnetic Fine-Course operates in conjunction with the main control unit. Its function is typically to provide precise positional feedback or limit switching for automated systems, such as gate openers.

- Once installed and powered, the MC774 will communicate its status to the connected control unit.
- Refer to the specific programming and configuration instructions of your H70/103AC, H70/104AC, or B70/1DC control unit to utilize the input from the MC774.
- The control unit will interpret the magnetic signals from the MC774 to manage the movement or position of the automated system.

6. MAINTENANCE

The MC774 Magnetic Fine-Course is designed for minimal maintenance. However, periodic checks are recommended to ensure optimal performance.

- **Cleaning:** Keep the device free from dust, dirt, and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect the wiring connections to ensure they remain secure and free from corrosion.
- **Physical Inspection:** Check for any signs of physical damage or wear. If damage is observed, replace the unit.



Image description: A close-up view of the MC774 unit, showing a hand gently wiping its surface with a soft, lint-free cloth to remove dust.

7. TROUBLESHOOTING

If you experience issues with the MC774, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
System not responding to MC774 input.	Incorrect wiring. Loose connection. Faulty MC774 unit. Control unit not configured correctly.	Verify wiring against the control unit's manual. Check all connections for tightness. Test the MC774 if possible, or replace it. Consult the control unit's manual for sensor input configuration.
Intermittent operation.	Loose wiring. Environmental interference. Physical obstruction.	Secure all connections. Ensure the unit is not exposed to strong, unintended magnetic fields or excessive vibration. Check for any physical objects impeding the magnetic field or the unit itself.

If the problem persists after attempting these solutions, contact ROGER TECHNOLOGY customer support or a qualified technician.

8. SPECIFICATIONS

- **Model:** MC774
- **Brand:** ROGER TECHNOLOGY
- **Manufacturer:** Dieffematic
- **Compatibility:** H70/103AC, H70/104AC, B70/1DC Control Units
- **ASIN:** B0B1F2Q5FN
- **Availability of spare parts:** Information not available

9. WARRANTY AND SUPPORT

Specific warranty information for the ROGER TECHNOLOGY MC774 Magnetic Fine-Course was not provided in the product data. Please refer to the warranty documentation included with your purchase or contact your point of sale for details regarding warranty coverage.

For technical support or further assistance, please contact ROGER TECHNOLOGY customer service or your authorized dealer.