

SCHLAGE MT15-485

SCHLAGE MT15-485 Multi-Technology Single Gang Reader User Manual

Model: MT15-485

INTRODUCTION

The SCHLAGE MT15-485 Multi-Technology Single Gang Reader is designed to provide flexible and secure access control solutions. This reader supports both 125 kHz proximity and 13.56 MHz contactless smart card technologies, allowing for a seamless transition from older systems to more secure encrypted card technologies. It is compatible with various form factors including wristbands, cards, fobs, and tags, and offers Wiegand and RS-485 output for integration with most access control panels.



Figure 1: SCHLAGE MT15-485 Multi-Technology Single Gang Reader. This image displays the front view of the black multi-technology reader, highlighting its compact design suitable for single-gang installations.

KEY FEATURES

- RS-485 output for versatile connectivity.
- Compatible with NFC-open smartphones using Schlage or aptiQ mobile credentials.
- Designed for interior, exterior, metal, and non-metal installation environments.
- Quick-connect cable for simplified installation.
- Easy-to-install mounting bracket.

WHAT'S IN THE BOX

Verify that all items are present before beginning installation.

- 1 x SCHLAGE MT15-485 Multi-Technology Single Gang Reader device
- 1 x Instruction Manual

SETUP AND INSTALLATION

The MT15-485 reader is designed for straightforward installation in various environments. Ensure power is disconnected before proceeding with any wiring.

Mounting

1. Select an appropriate mounting location. The reader is suitable for interior, exterior, metal, and non-metal surfaces.
2. Use the easy-to-install mounting bracket to secure the reader to the desired surface. Ensure the bracket is level and firmly attached.
3. Attach the reader to the mounted bracket.

Wiring

- The reader utilizes a quick-connect cable for simplified wiring.
- Connect the reader to your access control panel using either Wiegand or RS-485 output, depending on your system's requirements. Refer to your access control panel's documentation for specific wiring diagrams.
- Ensure all connections are secure and properly insulated.

Note: Professional installation is recommended for optimal performance and safety.

OPERATING INSTRUCTIONS

The SCHLAGE MT15-485 reader is designed for intuitive operation with various credentials.

1. **Power On:** Once installed and wired, apply power to the access control system. The reader will typically indicate readiness with an audible beep or LED indicator.
2. **Presenting Credentials:** Hold your compatible access credential (e.g., 125 kHz proximity card, 13.56 MHz smart card, wristband, fob, tag, or NFC-enabled smartphone with Schlage/aptiQ mobile credentials) within close proximity to the reader's surface.
3. **Access Granted/Denied:** The reader will communicate with the access control panel. A successful read will typically result in a visual and/or audible confirmation (e.g., green LED, single beep), indicating access granted. An unsuccessful read may result in a different indication (e.g., red LED, multiple beeps), indicating access denied.
4. **NFC Smartphone Use:** For NFC-open smartphone compatibility, ensure your device has the appropriate Schlage or aptiQ mobile credential application installed and activated. Present the smartphone to the reader as you would a physical card.

MAINTENANCE

The SCHLAGE MT15-485 reader requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Periodically wipe the reader's surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Inspection:** Regularly inspect the reader and its wiring for any signs of damage, wear, or loose connections. Address any issues promptly.
- **Environmental Protection:** While designed for various environments, protect the reader from extreme temperatures, direct prolonged sunlight, and excessive moisture to extend its lifespan.

TROUBLESHOOTING

If you encounter issues with your MT15-485 reader, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Reader does not power on.	No power supply; loose wiring.	Check power connections to the access control panel. Verify all wiring is secure and correctly connected.
Reader does not read credentials.	Incompatible credential; credential presented incorrectly; reader malfunction.	Ensure the credential is compatible (125 kHz proximity or 13.56 MHz smart card). Present the credential directly to the reader. Test with a known working credential.
Access denied despite valid credential.	Credential not enrolled in system; access control panel issue.	Verify the credential is properly enrolled in your access control system. Check the access control panel for error messages or system status.
NFC smartphone not working.	Incorrect app; NFC disabled; phone not positioned correctly.	Ensure the correct Schlage or aptiQ mobile credential app is installed and active. Verify NFC is enabled on your smartphone. Try different positioning of the phone against the reader.

If issues persist after attempting these steps, contact SCHLAGE technical support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	MT15-485
Brand	SCHLAGE
Connectivity Technology	Wired (Wiegand, RS-485 output)
Compatible Devices	Access Control Panels, NFC-open Smartphones (with Schlage/aptiQ credentials)
Supported Frequencies	125 kHz Proximity, 13.56 MHz Contactless Smart Card
Power Source	Corded Electric
Installation Environment	Interior, Exterior, Metal, Non-metal
UPC	812951020132

WARRANTY AND SUPPORT

SCHLAGE products are manufactured to high-quality standards. For specific warranty information regarding your MT15-485 reader, please refer to the warranty documentation included with your purchase or visit the official SCHLAGE website. For technical support, installation assistance, or to report any issues, please contact SCHLAGE customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question