BSTUOKEY M203

BSTUOKEY M203 Door Access Control Keypad User Manual

Model: M203

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the BSTUOKEY M203 Door Access Control Keypad. This stand-alone device offers secure access management using RFID cards, passwords, or a combination of both. It is designed for various applications including homes, offices, and restricted areas.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance to prevent electrical shock.

- The device operates on a 12V DC power supply. Using an incorrect voltage may damage the unit.

- This product is designed for indoor use. Exposure to outdoor elements (rain, direct sunlight, extreme temperatures) may cause damage and void the warranty.

- Do not attempt to disassemble or repair the unit yourself. Refer to qualified personnel for service.

- Keep the device away from strong magnetic fields to avoid interference with RFID functionality.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x BSTUOKEY M203 Access Control Keypad

- 5 x RFID Keyfobs (Blue)

- 1 x Connection Cable Set

- 1 x User Manual (this document)

- Mounting Screws and Wall Plugs

Image: Ten blue RFID keyfobs, similar to the five included with the keypad, used for access control.

4. PRODUCT OVERVIEW

The BSTUOKEY M203 is a compact and versatile access control keypad. It features a touch-sensitive keypad for password entry, an integrated RFID reader for card access, and an indicator light for status feedback. It supports up to 1000 users.

Image: The BSTUOKEY M203 access control keypad shown alongside five blue RFID keyfobs. The keypad has a black face with silver trim, featuring a numeric touch keypad, a bell icon, and an RFID card icon.

Image: A diagram highlighting the key components of the M203 keypad: Indicator light, ID Card Area (RFID reader supporting 1000 users), Touch Keyboard, and Door Bell button (requires external doorbell connection).

5. SPECIFICATIONS

Feature	Specification
Model	M203
Brand	BSTUOKEY
Operating Voltage	DC 12V
User Capacity	1000 users
Access Modes	Card, Password, Card + Password
RFID Frequency	125KHz (EM-ID)
Read Range	3-5 cm
Dimensions (L x W x H)	120mm x 78mm x 20mm (approx. 4.72 x 3.15 x 0.79 inches)
Material	ABS fire retardant shell, hard shell rubber film panel
Connectivity	Wired (for power, lock, doorbell, exit button)

Image: A diagram illustrating the dimensions of the M203 keypad: 120mm length, 78mm width, and 20mm thickness.

6. SETUP AND INSTALLATION

6.1 Wiring Diagram

Refer to the following wiring diagram for proper connection of the access control keypad to a power supply, electric lock, doorbell, and exit switch.
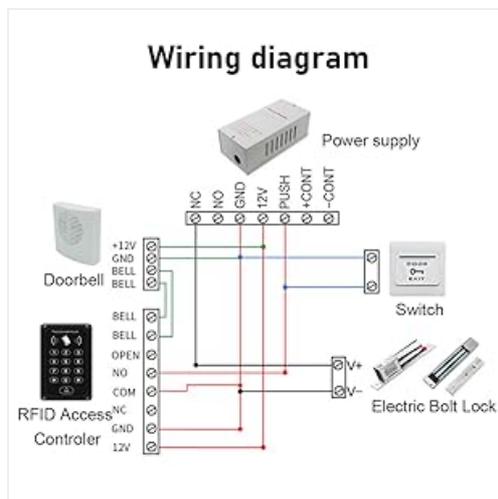

Image: A comprehensive wiring diagram showing connections for the RFID Access Controller (M203), a 12V power supply, an electric bolt lock, an exit switch, and an external doorbell. Key connections include NC, NO, GND, 12V, BELL, OPEN, and COM terminals.

6.2 System Overview

The diagram below illustrates a typical access control system setup using the M203 keypad, power supply, electric lock, doorbell, and exit button.

Image: An illustrative diagram of an access control system. It shows the "Access control machine" (M203 keypad) mounted next to a door, connected to a "Power Supply Control" unit, which in turn connects to a magnetic lock (180kg Maglock) above the door, an "Exit Button" inside, and an external "Doorbell".

6.3 Physical Installation

1. **Mounting Location:** Choose a suitable indoor location near the door, ensuring it is protected from moisture and direct sunlight.

2. **Secure Mounting:** Use the provided screws and wall plugs to securely mount the keypad to the wall. Ensure the back panel is flush and stable.

3. **Wiring:** Connect the keypad to your 12V DC power supply, electric lock, exit button, and external doorbell according to the wiring diagram in Section 6.1. Pay close attention to polarity and terminal labels (NC, NO, GND, 12V, BELL, OPEN, COM).

4. **Power On:** Once all connections are secure, connect the 12V DC power supply. The indicator light on the keypad should illuminate.

7. OPERATING INSTRUCTIONS

7.1 Default Settings

- **Default Programming Password:** 123456
- The keypad is initially in standby mode.

7.2 Programming Mode

To enter programming mode:

1. Press *****.
2. Enter the 6-digit programming password (default: 123456).
3. Press **#**.
4. The indicator light will change, indicating entry into programming mode.

To exit programming mode, press *****.

7.3 Changing the Programming Password

1. Enter programming mode (Section 7.2).
2. Press **0**.
3. Enter the new 6-digit programming password.

4. Press **#**.

5. Re-enter the new 6-digit programming password.

6. Press **#** to confirm.

7. Exit programming mode.

7.4 Adding User Cards (Keyfobs)

1. Enter programming mode (Section 7.2).

2. Press **1**.

3. Present each RFID keyfob to the ID Card Area on the keypad. The keypad will beep to confirm each card is added.

4. After adding all desired cards, press＊to save and exit card adding mode.

5. Exit programming mode.

7.5 Adding User Passwords

1. Enter programming mode (Section 7.2).

2. Press **2**.

3. Enter a 4-digit user ID (e.g., 0001).

4. Press **#**.

5. Enter a 4-digit to 6-digit user password.

6. Press **#**.

7. Repeat for additional user passwords.

8. Press * to save and exit password adding mode.

9. Exit programming mode.

7.6 Deleting User Cards/Passwords

To delete a single user card:

1. Enter programming mode (Section 7.2).

2. Press **3**.

3. Present the RFID keyfob to be deleted to the ID Card Area. The keypad will beep to confirm deletion.

4. Press * to save and exit.

5. Exit programming mode.

To delete a single user password:

1. Enter programming mode (Section 7.2).

2. Press **4**.

3. Enter the 4-digit user ID of the password to be deleted.

4. Press **#**.

5. Press * to save and exit.

6. Exit programming mode.

To delete all user cards and passwords:

1. Enter programming mode (Section 7.2).

2. Press **5**.

3. Press **#** to confirm.

4. Exit programming mode.

7.7 Accessing the Door

The M203 supports three access methods:

Image: A visual representation of the three access methods for the M203 keypad: 1. Card (swiping an RFID keyfob), 2. Password (entering a numeric code), and 3. Password + Card (requiring both a code and an RFID keyfob).

1. **Card Access:** Present a registered RFID keyfob to the ID Card Area. The door will unlock briefly.

2. **Password Access:** Enter your registered user password (4-6 digits) and press**#**. The door will unlock briefly.

3. **Card + Password Access:** Present your registered RFID keyfob to the ID Card Area, then enter your registered user password and press **#**. The door will unlock briefly.

The default access mode is Card or Password. To change the access mode, refer to the advanced settings in the full manual (if available).

7.8 Doorbell Function

If an external doorbell is connected, pressing the**Bell** button on the keypad will activate the doorbell.

8. MAINTENANCE

- **Cleaning:** Wipe the keypad surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Power Supply:** Ensure a stable 12V DC power supply. Fluctuations can affect performance.

- **Regular Testing:** Periodically test the access control system to ensure all functions (card access, password access, exit button, doorbell) are working correctly.

- **Backup:** Keep a record of your programming password and user IDs in a secure location.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Keypad does not power on.	No power supply, incorrect voltage, or faulty wiring.	Check 12V DC power supply connection and ensure correct polarity. Verify wiring according to the diagram.
Door does not unlock with valid card/password.	Card/password not registered, incorrect entry, or lock wiring issue.	Ensure card/password is correctly registered. Re-enter password carefully. Check wiring to the electric lock (NC/NO/COM).
Cannot enter programming mode.	Incorrect programming password.	Verify the programming password (default is 123456). If forgotten, a factory reset might be necessary (refer to advanced manual).
Keyfobs not working after adding.	Keyfobs not properly enrolled or access mode setting.	Re-enroll keyfobs following Section 7.4. Ensure the access mode allows card-only or card+password entry.
Doorbell button does not work.	External doorbell not connected or faulty.	Check the connection of the external doorbell to the keypad's BELL terminals. Test the doorbell independently.

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For warranty claims or technical support, please contact your retailer or the manufacturer directly. Please have your product model number (M203) and purchase information ready.
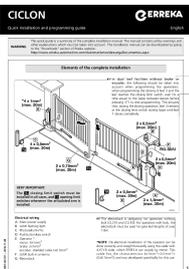
For further assistance, visit the BSTUOKEY store: BSTUOKEY Store on Amazon.
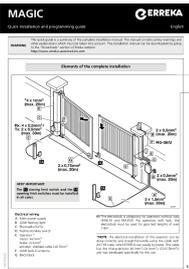
Related Documents - M203

	40-MM GRENADE LAUNCHER, M203 Field Manual - US Army FM 3-22.31 Technical manual and training guide for the M203 40-mm grenade launcher by the U.S. Department of the Army (FM 3-22.31). Covers operation, maintenance, marksmanship, combat techniques, and training programs for military personnel.
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	Powr-Flite Floor Machine Parts and Diagrams Comprehensive parts list and assembly diagrams for Powr-Flite floor machines, including models P131, P77, P99, P772, P882, P992, P171, P171HD, P171SD, P172, P173, P201, P201HD, P202, and M203.

[ERREKA CICLON Gate Operator Quick Installation and Programming Guide](#)

This guide provides a concise overview of the ERREKA CICLON gate automation system, detailing installation, assembly, electrical connections, and programming for various gate types. It serves as a summary of the full manual, emphasizing safety and operational setup.

[ERREKA MAGIC Gate Operator: Quick Installation and Programming Guide](#)

Comprehensive guide for installing and programming the ERREKA MAGIC gate operator system, including electrical wiring, assembly, and safety instructions.

[40-MM GRENADE LAUNCHER, M203 Field Manual - US Army FM 3-22.31](#)

Technical manual and training guide for the M203 40-mm grenade launcher by the U.S. Department of the Army (FM 3-22.31). Covers operation, maintenance, marksmanship, combat techniques, and training programs for military personnel.