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BSTUOKEY LKS601EM

BSTUOKEY LKS601EM Waterproof Stand Alone Access Control Keypad User Manual

Model: LKS601EM

1. INTRODUCTION

This manual provides detailed instructions for the installation, programming, and operation of the BSTUOKEY LKS601EM Waterproof Stand Alone Access Control Keypad. This device is designed for secure access management in various environments, offering multiple access methods and robust construction.



Image: The BSTUOKEY LKS601EM Access Control Keypad shown with a set of blue RFID key fobs.

2. KEY FEATURES

- **Durable Construction:** Zinc alloy material shell, anti-vandal, and anti-explosion design.
- **LED Working Light Display:** Provides visual feedback on device status.
- **High User Capacity:** Supports up to 2000 ordinary users with RFID card and password capacity.
- **Multiple Access Methods:** Supports RFID card, PIN, or a combination of card and PIN.
- **Adjustable Door Relay Time:** Configurable from 0-99 seconds.
- **Wiegand 26-bit Support:** Features Wiegand 26 input and output for integration with access control board panels and external RFID readers.
- **125Khz EM RFID Card Compatibility:** Easy to use with standard 125Khz EM RFID cards.
- **Doorbell Function:** Includes a doorbell button and interface for connecting an external doorbell.

3 ways to unlock

Support card password password+card



Image: Illustration of the three access methods: RFID card, numeric password, and a combination of password and card.

3. SPECIFICATIONS

Feature	Specification
Brand	BSTUOKEY
Model Number	LKS601EM
Material	Zinc Alloy
Color	Silver
Power Source	DC 12 Volts
User Capacity	2000 Users
RFID Card Type	125Khz EM Card

Wiegand Interface	Wiegand 26-bit Input/Output
Door Relay Time	0-99 seconds (adjustable)
Dimensions (L x W x H)	3.94 x 1.69 x 0.79 inches (100 x 43 x 20 mm)
Item Weight	0.26 Kilograms (9.2 ounces)
Installation Type	Wall-Mounted, Protruding

4. PACKAGE CONTENTS

Verify that all items are present in your package:

- Access Control Keypad Unit
- RFID Key Fobs (quantity may vary)
- Mounting Screws and Wall Plugs
- Wiring Harness
- User Manual (this document)



Image: The complete package contents, showing the keypad, several blue RFID key fobs, mounting screws, and the instruction manual.

5. INSTALLATION AND WIRING

5.1. Wiring Diagram

Proper wiring is crucial for the correct function of the access control system. Refer to the diagram below for connections to a power supply, magnetic lock, doorbell, and exit button.



Image: A schematic diagram illustrating how to connect the access control keypad to a power supply, a 180KG magnetic lock, a doorbell, and an exit button.

5.2. Physical Installation

The keypad is designed for wall-mounted installation. Ensure the mounting surface is stable and secure. Use the provided screws and wall plugs for installation.



Image: Dimensional drawing of the keypad, indicating its height (122mm), width (57mm), and depth (20mm).

6. SETUP AND PROGRAMMING

6.1. Entering Programming Mode

To configure the keypad, you must first enter programming mode. This allows you to add or remove users, change passwords, and adjust settings.

Your browser does not support the video tag.

Video: Demonstration of how to enter the programming mode on the access control keypad by pressing

specific key sequences.

6.2. Adding RFID Cards

Follow these steps to add new RFID cards to your access control system. Each card will be assigned a unique user ID.

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Video: Step-by-step guide on registering an admin card and subsequently adding user RFID cards to the access control system.

6.3. Adding Passwords

You can also add individual passwords for users. Ensure passwords are between 4 and 8 digits for security.

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Video: Instructions on how to add a new password for a user, including entering programming mode and defining the user ID and password.

7. OPERATION

7.1. Unlocking with RFID Card

To unlock the door using an RFID card, simply present the registered card to the keypad's reader area. A successful read will trigger the lock to open.

Your browser does not support the video tag.

Video: Demonstration of unlocking a door using an RFID card with the LKS601EM access control keypad.

7.2. Unlocking with Password

Enter your registered password on the keypad, followed by the '#' key. The lock will disengage if the password is correct.

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Video: Demonstration of unlocking a door using a numeric password entered on the LKS601EM access control keypad.

7.3. Unlocking with Card + Password

For enhanced security, you can configure the system to require both an RFID card and a password. Present the card first, then enter the password followed by '#'.

8. MAINTENANCE

- **Cleaning:** Wipe the keypad surface with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Regular Checks:** Periodically inspect wiring connections for any signs of wear or damage.
- **Software Updates:** While this model is standalone, ensure any connected access control board panels are up-to-date if applicable.
- **Backup Power:** If connected to a backup power system, ensure batteries are regularly checked and

maintained.

9. TROUBLESHOOTING

- **Keypad Not Responding:**
 - Check power supply connections.
 - Ensure the keypad is receiving adequate voltage (12V DC).
- **RFID Card Not Working:**
 - Verify the card is correctly registered in the system.
 - Ensure the card is a 125Khz EM type.
 - Try presenting the card closer to the reader.
- **Password Not Working:**
 - Confirm the correct password is being entered.
 - Ensure the password is registered for the correct user ID.
 - Check if the keypad is in the correct operating mode (e.g., not programming mode).
- **Door Not Unlocking:**
 - Check the wiring to the electric lock.
 - Verify the door relay time setting.
 - Ensure the lock itself is functioning correctly.
- **No Sound from Doorbell:**
 - Check the doorbell wiring connections.
 - Ensure the external doorbell unit is powered and functional.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact BSTUOKEY customer service directly. Keep your purchase receipt for warranty claims.