KASTLE KR100-M RFID Proximity Card and Bluetooth Reader

KASTLE KR100-M RFID Proximity Card and Bluetooth Reader User Manual

Contents

KASTLE KR100-M RFID Proximity Card and Bluetooth Reader

Product Information

Specifications

- Product Name: KR100-M RFID Proximity Card and Bluetooth Reader
- Compatibility: Kastle Access Control Systems
- Intended Use: Access control in conjunction with KZDM, KZSRDR, or Axiom Control Board

Product Usage Instructions

1. Ensure the access control board (KZDM, KZSRDR, or Axiom Control Board) is properly installed and configured.
2. Mount the KR100-M reader at the desired location using the provided mounting hardware.
3. Connect the reader to the access control board following the provided wiring diagram.

Programming

1. Access the configuration settings on the access control board.
2. Add the KR100-M reader to the system and configure its settings as required.

Operation

1. Present a valid RFID proximity card or use Bluetooth connectivity to gain access through the reader.

2. Ensure the reader successfully communicates with the access control board for access approval.

KR100-M User Manual

The KR100 reader is a RFID proximity card and Bluetooth reader for Kastle access control systems. It is intended to be used in conjunction with an access control board such as a KZDM, KZSRDR, or Axiom Control Board.

Notes on Use

- Operating Temp: 0-49 degrees C
- Must use 22 AWG or larger with a wire run no longer than 500 ft
- All Wiring shall be in accordance with the National Electrical Code, ANSI/NFPA 70
- The Reader is to be mounted in a protected premise

To install and use the reader

- Connect the reader wires using wire nuts or beanie wire connectors to the existing wire run coming out of the mounting hole or receptacle box. Make sure to connect all wire by color white to white, green to green, black to black, and red to red. (green with stripes and white with stripes to be used for Wiegand data connections)
- Remove the reader backplate. Mount the backplate to the wall / or door frame by securing screws through mounting holes. Push wire bundle back in to mounting hole or receptacle box. Mount the reader to the backplate.
- After the reader is terminated and connected on both ends and power is applied, the red LED should blink for 30 seconds and then turn solid blue.

FCC

IC: Per RSP-100, Sec 4 – Required Notices to the User Radio/broadcast products shall comply with the requirements to include required notices and/or statements to the user of the product for each unit of the product offered for sale. The required notices shall comply with the following requirement:

- The notices shall be as specified in the applicable RSS regulation(s) to the product.
- These notices shall be shown in a conspicuous location in the user manual for the product, or to be displayed on the product — variable formats are acceptable for providing the notices (i.e. in paper form, CD, DVD, or insert with download link on the company's website).
- If more than one notice is required for multiple product versions, the product version to which each notice pertains should be identified.
- The suppliers of radio equipment shall provide the notices and/or statements in both and French.
- In cases where the user notifications are only available in one language (English or French) at the time of the certification process, the applicant shall provide a declaration in writing that the user notices and/or statements to the user of the product will be in both English and French when the product is for sale and/or lease in Canada.

FCC Part 15.19 Warning Statement-
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

1. THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
2. THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

FCC Part 15.21 Warning Statement
NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S

AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Part 15.105(b) Warning Statement
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FAQ

- **Q: Is the KR100-M reader compatible with all Kastle access control systems?**
  A: The KR100-M reader is designed for use with Kastle access control systems. However, it is recommended to check compatibility with specific system models
- **Q: Can multiple KR100-M readers be used in a single access control setup?**
  A: Yes, multiple KR100-M readers can be integrated into a single access control system for enhanced security and access control.

Documents / Resources

	KASTLE KR100-M RFID Proximity Card and Bluetooth Reader [pdf] User Manual 2ALZSKR100-M, 2ALZSKR100M, kr100 m, KR100-M RFID Proximity Card and Bluetooth Reader, KR100-M, RFID Proximity Card and Bluetooth Reader, Proximity Card and Bluetooth Reader, Card and Bluetooth Reader, Bluetooth Reader, Reader

References

- User Manual