Jectse Jectsegr19nkhvsb

Jectse Smart RFID NFC Copier User Manual

Model: Jectsegr19nkhvsb

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Jectse Smart RFID NFC Copier. This device is designed for reading, writing, and duplicating various RFID and NFC cards and keyfobs across multiple frequencies. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

The Jectse Smart RFID NFC Copier is a handheld device featuring a color display and a numeric keypad for easy operation. It supports a wide range of card types and frequencies.

Figure 2.1: Jectse Smart RFID NFC Copier. This image shows the front view of the handheld copier with its color screen

and keypad.

2.1 Components and Controls

Figure 2.2: Labeled diagram of the copier's display and controls. Key elements include the display area, power button, OK button, delete button, scan button, read button, write button, mode switch, and input keys.

- **Display Area:** Shows card number, operation status, and messages.
- **Power Button:** Turns the device on and off.
- **OK Button:** Confirms selections or actions.
- **C Button:** Deletes input or cancels operations.
- **SCAN Button:** Initiates automatic scanning for card types.
- **READ Button:** Reads data from a card.
- **WRITE Button:** Writes data to a card.
- **MODE Button:** Switches between different operating modes.
- **INPUT Button:** Allows manual entry of card numbers.
- **Numeric Keypad (0-9):** For entering data.
- **Directional Buttons:** For navigation on the display.

2.2 Package Contents

- Jectse Smart RFID NFC Copier Unit
- USB Data Cable
- Writable Keychains (Quantity may vary)
- Writable Cards (Quantity may vary)

3. SETUP

3.1 Power Supply

The device can be powered in two ways:

Figure 3.1: Rear view of the copier, highlighting the battery slot and card sensing area. The battery compartment is located on the back of the device.

1. **AAA Batteries:** Open the battery compartment on the back of the device and insert 4 AAA batteries (not included), ensuring correct polarity.
2. **USB Power Supply:** Connect the device to a computer or a USB power adapter using the provided USB data cable.

Press the power button to turn on the device. The display will light up.

3.2 Connecting to a Computer (for Decryption)

For decrypting certain 13.56MHz encrypted cards, the device must be connected to a computer.
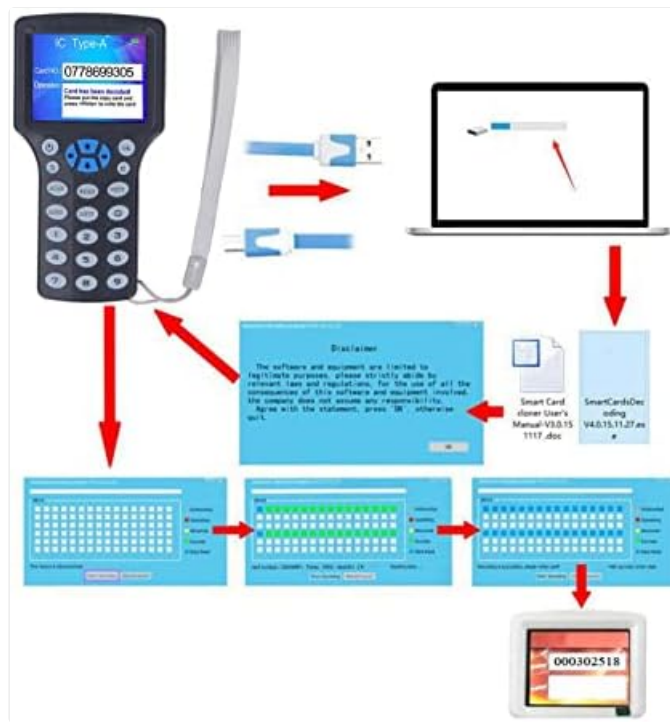
Figure 3.2: Connection diagram illustrating the copier connected to a computer via USB, with a representation of the software interface. The USB cable connects the copier to a computer for advanced functions like decryption and software interaction.

1. Connect the USB data cable from the copier to an available USB port on your computer.
2. The device may require specific software for decryption. Refer to the manufacturer's website or included documentation for software installation instructions.

4. OPERATING INSTRUCTIONS

4.1 Reading a Card

1. Turn on the device.
2. Place the card or keyfob you wish to read on the card sensing area (located on the back of the device, refer to Figure 3.1).
3. Press the **READ** button.
4. The display will show the card number and type if successful.

Figure 4.1: Demonstrating how to place a card on the copier for reading. The card is held flat against the back of the device.

Figure 4.2: An alternative perspective of placing a card for reading. Ensure the card is positioned correctly over the sensing area.

4.2 Writing/Duplicating a Card

To duplicate a card, you must first read the source card, then write the data to a compatible writable card or keyfob.

1. Follow the steps in Section 4.1 to read the source card. Ensure the card data is displayed on the

screen.

2. Remove the source card.

3. Place a compatible writable card or keyfob (e.g., UID keychain, T5577 card) on the card sensing area.

4. Press the **WRITE** button.

5. The display will indicate if the writing process was successful.

Note: For successful writing, ensure the target card is a writable type (e.g., UID cards for 13.56MHz, T5577 for 125KHz). Standard read-only cards cannot be written to.

4.3 Decrypting Encrypted 13.56MHz Cards

The device can decrypt most 13.56MHz encrypted cards when connected to a computer.

1. Connect the copier to your computer via the USB cable (refer to Section 3.2).

2. Launch the dedicated decryption software on your computer.

3. Follow the software's instructions to initiate the decryption process. This typically involves placing the encrypted card on the copier's sensing area and allowing the software to analyze and decrypt the data.

4. Once decrypted, the software will guide you through writing the decrypted data to a new writable card.

Important: Decryption capabilities may vary depending on the encryption complexity and the specific software version. Not all encrypted cards can be decrypted.

4.4 Frequency Support

The copier supports reading and writing across a broad range of frequencies:

- 125KHz
- 250KHz
- 375KHz
- 500KHz
- 625KHz
- 750KHz
- 875KHz
- 1000KHz
- 13.56MHz

It is compatible with various card types including ISO 14443 A cards, EM cards, T5577 cards, Ntag 213/215/216, and others.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Replacement:** If using AAA batteries, replace all four batteries simultaneously when the low battery indicator appears on the display.

- **Software Updates:** Periodically check the manufacturer's website for any available software or firmware updates for enhanced functionality or compatibility.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted batteries; USB cable not connected properly.	Replace AAA batteries or ensure USB cable is securely connected to a power source.
Cannot read a card.	Card not placed correctly; card type not supported; card damaged.	Ensure the card is flat against the sensing area. Try another card. Verify card type compatibility.
Cannot write to a card.	Target card is not writable; data not read correctly from source card; target card damaged.	Ensure the target card is a compatible writable type (e.g., UID, T5577). Re-read the source card. Try a different writable card.
Decryption fails for 13.56MHz card.	Card encryption too complex; software not installed or updated; device not connected to PC.	Ensure the device is connected to a PC with the correct software. Update software. Note that some advanced encryption may not be supported.
Display is blank or unresponsive.	Power issue; device malfunction.	Check power supply. Try restarting the device. If the problem persists, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	Jectsegr19nkhvsb
Supported Frequencies	125KHz, 250KHz, 375KHz, 500KHz, 625KHz, 750KHz, 875KHz, 1000KHz, 13.56MHz
Display	HD 2.8 inch full color screen
Power Supply	4 x AAA batteries or USB power supply
Connectivity	USB Type A
Operating System Compatibility	WinCE 5, Windows 98, Windows Vista (for PC connection/software)
Item Weight	11.6 ounces
Package Dimensions	7.56 x 6.26 x 2.32 inches
Special Feature	Compact design

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Jectse website or contact your retailer. Keep your purchase receipt as proof of purchase.
Manufacturer: Jectse