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› OBO HANDS RFID Copier NFC Card Reader Writer Duplicator (Model: COPY) User Manual

OBO HANDS COPY

OBO HANDS RFID Copier NFC Card Reader Writer Duplicator User Manual

MODEL: COPY

Introduction

The OBO HANDS RFID Copier is a handheld device designed for reading, writing, and duplicating various RFID and NFC cards and key fobs. It supports a wide range of frequencies and card types, offering full decode functionality for encrypted cards when connected to a computer.

Package Contents

- 1 x Card Copier
- 1 x USB Cable
- 5 x UID Cards
- 5 x T5577 Tags
- 1 x English User Manual (This document)

Product Overview

Device Layout and Controls

Familiarize yourself with the device's components and controls.



This image displays the OBO HANDS RFID Copier with labels pointing to its key features: Micro USB port, ON/OFF button, Select button, Enter/Confirm (OK) button, Esc button, Return button, Card button, Read button, Write button, RC button, Edit button, and the numeric keypad.

Dimensions



The device measures approximately 180mm in height, 68mm in width, and 29mm in thickness.

Specifications

Technical Details

- Brand: OBO HANDS
- Model: COPY (NS106 Series)
- Input Voltage: 5V
- Power Consumption: 120 mA
- Power Source: 4 AAA batteries (not included) or USB
- Display: HD 3.2 inch full color screen with voice prompts
- Supported Frequencies: 125KHz, 250KHz, 375KHz, 500KHz, 625KHz, 750KHz, 875KHz, 1000KHz, 13.56MHz

- Supported Card Types: IC, MF1, ID, TK4100, EM4100, HID26, HID35, HID37, GID64, GID50, GID40, GID32, GID16, SID64, SID50, SID40, SID32, UID, FUID, CUID, ZXUID, EUID, ICUID, E5500, E5550, T5577, EM4305, EL8265, 5200, 6200, 7200, 8200, 6608, 6609, 7325, 4366, 8348, 9823, 9834, ID435, 2346.
- Connectivity: USB
- Material: ABS plastic
- Item Weight: 9.2 ounces

Setup

Powering the Device

The device can be powered in two ways:

1. Install 4 AAA batteries (not included) into the battery compartment.
2. Connect the device to a power source or computer using the provided USB cable.

Initial Power On

Press the **ON/OFF** button to turn on the device. The HD color screen will display the main menu.

Operating Instructions

Basic Card Reading and Writing

This section outlines the general procedure for reading and writing cards.

1. Power on the device.
2. Navigate to the "Smart Card Copy" or "ID/IC Card" function using the arrow keys and **OK** button.
3. Place the source card (the card you want to copy) on the sensing area of the device.
4. Press the **READ** button. The device will scan for the card's frequency and data.
5. Once the card is read successfully, remove the source card.
6. Place a compatible rewritable blank card (e.g., UID card for 13.56MHz, T5577 tag for 125KHz) on the sensing area.
7. Press the **WRITE** button to transfer the data to the blank card.
8. A "Write card success!" message will confirm the operation.

Note: The device supports automatic stepless full frequency sweep to detect various card frequencies.

Decoding Encrypted IC Cards (PC Connection Required)

For encrypted IC cards, the device requires connection to a computer for decoding.

1. Connect the RFID Copier to your computer using the USB cable.
2. The device will enter decoding mode.
3. On your computer, open the provided decoding software (e.g., "NewCopy 2018 smart card Copy machine").
4. Place the encrypted IC card on the device's sensing area.
5. Follow the software prompts to initiate the decoding process. The software will display progress, indicating successful decoding with green squares.
6. Once decoding is successful, the device will prompt you to place a copy card and press the **WRITE**

button.

7. Place a compatible rewritable blank card on the device and press **WRITE**.

Important: The software is designed for legitimate use. If your computer's security software flags it, it might be a false positive. Ensure you download software only from trusted sources.

Decoding software interface description

Connection device operation

With Micro USB cable to connect the device with the PC, when PC lower left corner decoding mode, the device indicates a successful connection, Click 'Start' to open decoded.



Software decoding operation

Equipment being decoded, the green squares indicate a successful decode, red squares are decoded.



This image illustrates the connection of the RFID Copier to a PC for decoding operations, showing the software interface.

How to Write Card (Video Tutorial)

Watch this video for a visual guide on how to read and write cards using the device.

Your browser does not support the video tag.

This video demonstrates the process of reading data from an existing card and writing it to a new rewritable card using the OBO HANDS RFID Copier. It covers both 13.56MHz and 125KHz card types.

Maintenance

Device Care

- Keep the device clean and dry. Avoid exposure to moisture or extreme temperatures.
- Use a soft, dry cloth to clean the screen and casing. Do not use abrasive cleaners.
- When not in use for extended periods, remove the batteries to prevent leakage.
- Store the device in a safe place to prevent physical damage.

Troubleshooting

Common Issues and Solutions

- **Device not powering on:**
 - Check if AAA batteries are correctly installed and have sufficient charge.
 - Ensure the USB cable is securely connected to a power source or computer.
- **Card not reading:**
 - Ensure the card is placed correctly on the sensing area.
 - Verify the card type and frequency are supported by the device.
 - Some cards may be damaged or incompatible. Try another card if possible.
- **"IC card sector is encrypted" message:**
 - This indicates the card is encrypted. Connect the device to a computer and use the decoding software to proceed.
- **Software issues/virus warnings:**
 - The manufacturer states the software does not contain viruses. If your antivirus flags it, it might be a false positive. Ensure you download the software from the official source.

Support

Contact Information

For further assistance or technical support, please contact OBO HANDS customer service.

WhatsApp: [+86 177 2255 8183](https://wa.me/8617722558183) (Mon-Sun 24/7)

You can also visit the [OBO HANDS Store on Amazon](#) for more product information and support resources.