WP200

Write Protect USB

Source Creator

User Manual

V1.1

Index

⌘ Product Disclaimer

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Specifications and features are subject to change without notice or obligation.

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U-Reach provides a basic one year parts and labor warranty for all its products, excluding cables, adapters, and other consumable items. An extended warranty may be purchased. Telephone and email support is available for the life of the product as defined by U-Reach.

All warranties are specific to market region and will be defined per market region in which the product was purchased.

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⌘ Important Notice

- Carefully read the entire manual before operating.

- Make sure the source device is correct and functioning.

- Equal capacity of source and target is recommended for guaranteed data consistency.

- Damage incurred due to noncompliance with U-Reach operating instructions will void the warranty.

- Store the equipment safely when not in use and keep out of the reach of children.

- Never turn off the power while firmware is updating.

- Use only approved, stable power sources.

- Use product only in a clean, dry, dust free, and ventilated area. Liquids or foreign debris can severely damage your duplicator.

- It is typical for the machine to heat up during operation.

- Static electricity may cause duplication error. Please pay attention to the duplicator's environment and operator's equipment. Purchasing static electricity elimination equipment to avoid static electricity shock while in high static electricity areas is highly advised.

⌘ Gentle Reminders

1. W-Mode USB is required on output port.
2. Source port supports FAT format only.
3. Write protection is not Copy protected.

⌘ Product Overview

WP200 is the most convenient way to create a write protected USB. There are three write protected solutions to satisfy different requirements. Without the complicated process, users can create a write protected USB in just one press. Once the data stored into write protected area, it cannot be deleted or modified. Furthermore, write-protect USB is no virus infection risk.

Use a regular FAT formatted USB.

W-Mode USB Is required for write protected output.

⌘ Function Table

Function	Description
1. Make USB-CD **(CD-ROM Partition)**	Copies contents from source to the CD-ROM Partition of the target device. Output: One CD-ROM partition with data.
2. Make USBCD+USB **(CD-ROM Dual Partition)**	Copies the used areas from source to the CD-ROM Partition and formats the other areas to the normal space. Output: Two partitions. One CD-ROM partition with data, the other normal partition is empty.
3. Set Read Only **(Whole USB Write Protect)**	Sets the target device to a whole USB write protected device. Output: One partition with whole area write protected.
4. Check USB Type	Shows USB's information, including capacity of each partitions.
5. Erase USB	Erases USB content & format.
6. Utilities	6.1 System Info. Shows product name and firmware version.
	6.2 System Update Updates firmware via the source port.

⌘ 3 Write Protected Solutions Introduction

1. Make USB-CD

Copies data first and then sets the whole USB area become one CD-ROM Partition.

Applications: bootable CD, recovery CD, and auto-run software.
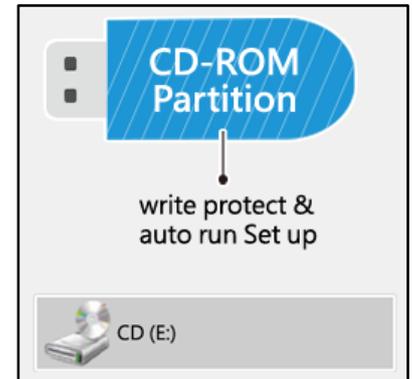
2. Make USBCD+USB

Divides the USB to two partitions. The one with copied data is set as CD-ROM partition, the other which is empty is set as normal partition.

Applications: promotion USBs, gift USBs.

3. Set Read Only

Sets the whole USB area write protected.

It is only available on output port, and doesn't do duplication before setting.

Applications: the whole write protect USB is capable to play on TV or USB media player.

⌘ How to Create a "CD-ROM Partition" USB

◆ Step 1. Insert a normal USB to Input Port. (FAT format is required)
◆ Step 2. Insert a W-mode USB to Output Port.
◆ Step 3. Scroll to select [1. Make USBCD], then press OK.
◆ Step 4. WP200 will copy the content from Input Port to Output, and set the target as a CD-ROM partition USB.

USBCD Maker		Copy CD Part		Copy CD Part	
1.Make USBCD	→	Check Master…	→	Check Target…	→

Reading Content		10M		Copy　　　　10M	
	→	Preparing…	→	0%　00:10	→

Copy　　　　10M
Completed !
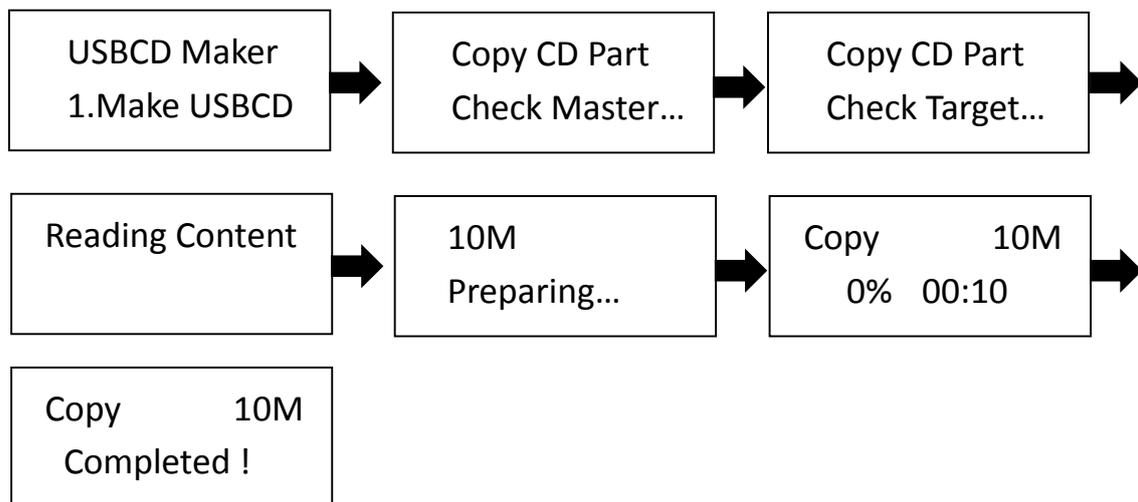
⌘ How to Create a "CD-ROM Dual Partition" USB

◆ Step 1. Insert a normal USB to Input Port. (FAT format is required)
◆ Step 2. Insert a W-mode USB to Output Port.
◆ Step 3. Scroll to select [2. Make USBCD+USB], then press OK.
◆ Step 4. WP200 will divide the target USB to 2 partitions. It copies the content to one partition, set this one to CD-ROM partition, and then format the other one.

USBCD Maker		Copy CD Part		Copy CD Part	
2.Make USBCD+USB	→	Check Master…	→	Check Target…	→

Reading Content		10M		Copy　　　　10M	
	→	Preparing…	→	0%　00:10　1M	→

Format USB		Completed !
	→	
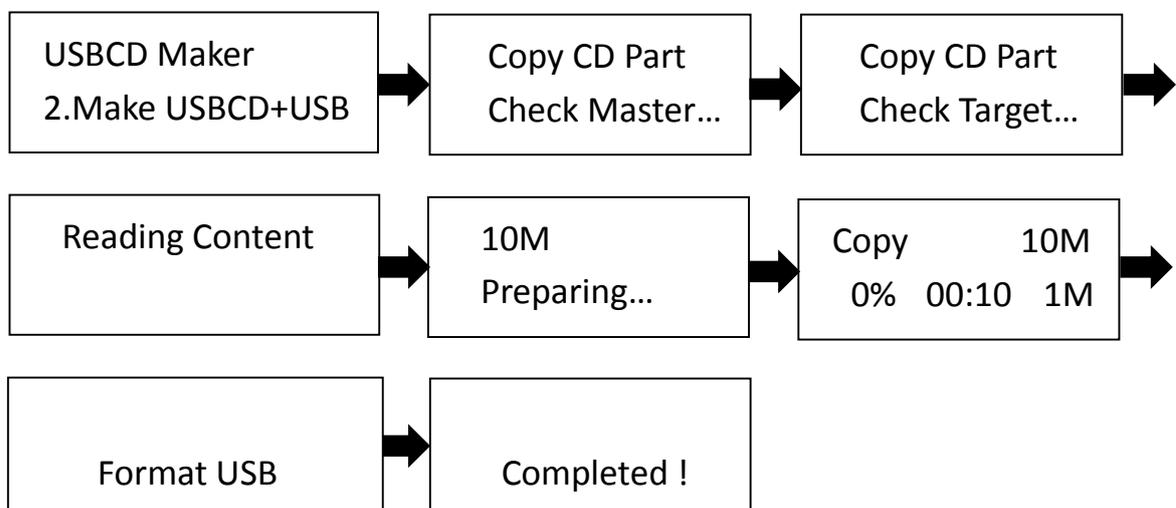
⌘ How to Set "Whole USB Write Protect"

◆ Step 1. Insert W-mode USB to Output Port.
◆ Step 2. Scroll to select [3. Set Read-Only], then press OK.
◆ Step 3. WP200 will set the whole USB become write protected.

USBCD Maker [3. Set Read-Only]	➡	Preparing…	➡	Pass: 1 W.PROTEC Fail : 0 0
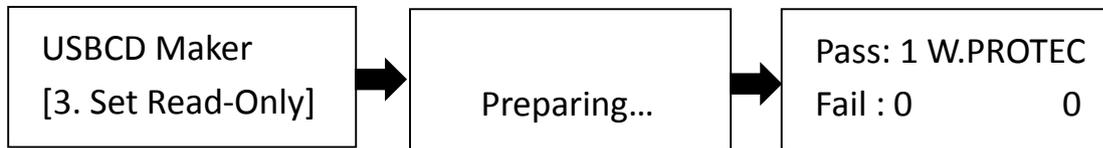
Caution	If the target USB is set to write protected already, please execute [5. Erase USB] to release it before reuse.

⌘ How to Erase USB

◆ Step 1. Insert the USB to Output Port.
◆ Step 2. Scroll to select [5. Erase USB], then press OK.
◆ Step 3. WP200 will release write protection, and erase the content and partition.

USBCD Maker [5. Erase USB]	➡	Clear All Data Confirm?	➡	Preparing…	➡

Pass: 1   Delete Fail: 0   0
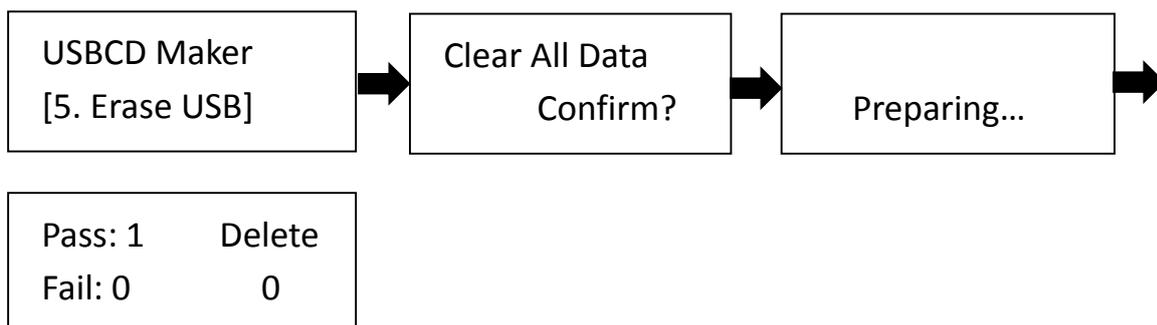
Caution	Some USB needs to erase twice to release the write protect. Please double check the result before reuse.

⌘ Check the USB

◆ Step 1. Insert the USB to any Port.
◆ Step 2. Scroll to select [4. Check USB Type], then press OK.
◆ Step 3. Use▲ ▼button to choose USB.

USBCD Maker [4. Check USB Type]	➡	[#2] P-Chip 0000 CD:3G U:11.7G

Port No. ← [#2]   P-Chip 0000
CD-ROM Capacity ← CD:3G   U:11.7G → USB Capacity

1. Normal USB

```
[#2]    P-Chip 0000
               U:14.7G
```

2. CD-ROM Partition

```
[#2]    P-Chip 0000
CD:3G
```

3. CD-ROM Dual Partition

```
[#2]    P-Chip 0000
CD:3G      U:11.7G
```
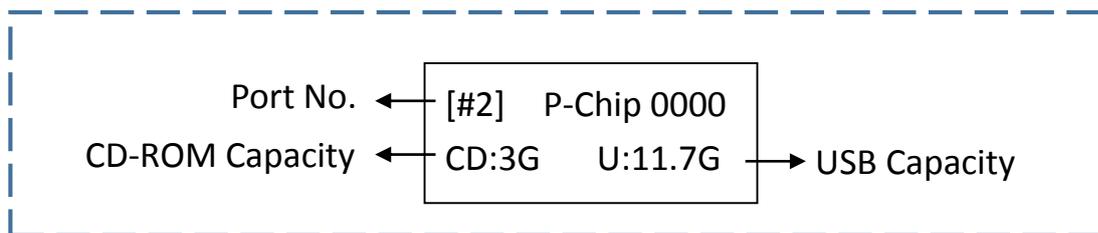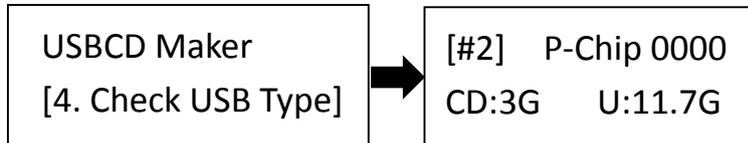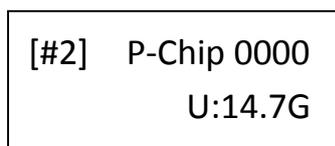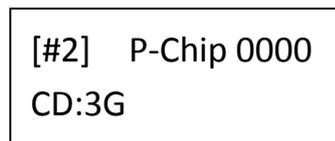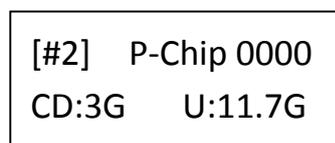
4. Whole USB Write Protect

```
[#2]    P-Chip 000
CD:0M      U:14.7G
```
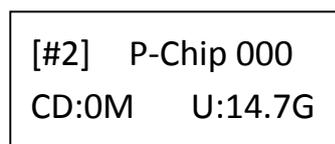
⌘ System Info & Update System

◆ Scroll to select [6.1 System Info.] to check the system information.

| [6. Utilities]
1. System Info. | ➡ | USBCD Maker 1-1
Ver:2.36.1 | → Product Name
→ Firmware Version |
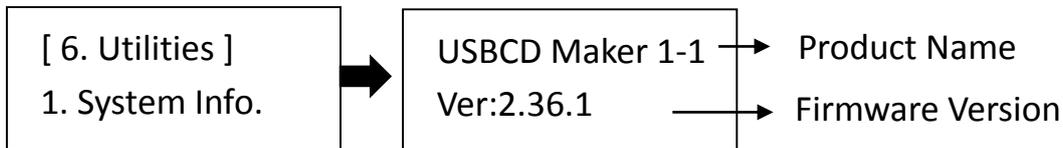
◆ System Update
1. Download firmware from PC to a USB pen drive.

| Note | Please save the firmware to the root directory in the USB pen drive. |

2. Insert the USB pen drive to Input Port.
3. Scroll to select [6.2 System Update], and then press OK to start the firmware update process.

| Caution | The firmware update process may take longer than 5 minutes. Please do not disrupt power or process during BIOS update. If interrupted, the system will become useless. U-Reach will not be held responsible for any damages. |

⌘ FAQ

Question	Can I reuse a write protected USB?
Answer	No problem. You can remove write protection with function [5. Erase USB], then you can create a write protected USB again.

Question	Can I copy contents from a write protected USB?
Answer	Yes, write protected data can still be copied. It is the most ideal tool for the flow and distribution of contents.

Error Messages and Possible Reasons

Error Messages	Possible Reasons
Bad Master!	Source is not FAT format.
	There is a CD-ROM Partition in the source device.
	Source device is bad.
Target Not Empty!	There is a CD-ROM Partition in the target device.
	The target device has been set as whole write protected.
Target Not Enough!	The target capacity is less than the source.

⌘ Specification

Model	WP200	
Target	1:1	
Specifications	Operation Type	Standalone
	Supported Languages	English
	LCD Display	2x16 Backlit Monochrome LCD Display
	LEDs	2 LED (Red/Green) Indicators per Port
	Control Panel	4 Push Buttons (▲, ▼, OK, ESC)
Functions	1. Make USBCD	Create a bootable write-protect USB. (*W-Mode USB is required on output port.)
	2. Make USBCD+USB	Create user-defined write-protect partition USB. (*W-Mode USB is required on output port.)
	3. Set Read-Only	Set the target device become whole USB write-protect. (*W-Mode USB is required on output port.)
	4. Check USB Type	Show USB information.
	5. Erase USB	Erase USB content, partitions, and format.
Compatibilities	Compatible	USB Sticks (USB 3.0 / 2.0)
	Data source format	FAT16/32/64
	Supported O/S	All (Windows, Linux, and other standalone systems)
Hardware Specifications	Power Supply	5V 2A DC Adapter
	Temperature	Working Temperature: 5°C ~ 45°C
		Storage Temperature: -20°C ~ 85°C
	Humidity	Working Humidity: 20% ~ 80%
		Storage Humidity: 5% ~ 95%

*Specifications subject to change without notice.