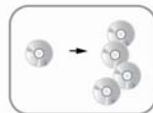




MD800 Series User Guide

The Easiest Way to Backup & Sharing



CD/DVD to disc



**Disc-Spanning
Technology**



**Multi-Session
Technology**

Version:1.27.5

CONTENT

I . Introduction.....	p.2
II. Quick Operation Guide	
2.1 How to Check Device Information.....	p.5
2.2 How to Backup a big size Flash Media to CD/DVDs (Disc Spanning).....	p.6
2.3 How to Backup many Flash Media to a CD/DVD Disc (Multi-session).....	p.7
2.4 How to Make Disc to Disc (CD/DVD to CD/DVD) copying.....	p.7
III. Function Overview	
3.1 COPY	
3.1.1 Memory Card to Disc.....	p.8
3.1.2 USB to Disc.....	p.8
3.1.3 Disc to Disc.....	p.9
3.2 Compare	
3.2.1 Memory Card to Disc.....	p.9
3.2.2 USB to Disc.....	p.10
3.2.3 Disc to Disc.....	p.10
3.3 Information	
3.3.1 Memory Card Info.....	p.11
3.3.2 USB Info.....	p.11
3.3.3 Disc info.....	p.11
3.3.4 Drive info.....	p.12
3.3.5 System info.....	p.12
3.4 Utility	
3.4.1 System Update.....	p.12
3.5 Set up	
3.5.1 Copy + Compare.....	p.13
3.5.2 Multi-Session.....	p.13
3.5.3 Disc Spanning.....	p.13
3.5.4 Burn Multidisc.....	p.13
3.5.5 Burn Speed.....	p.13
3.5.6 Beep Sound.....	p.13
3.5.7 Advance Setup.....	p.13
IV. Specification.....	p.14
V. FAQ.....	p.15

I. Introduction

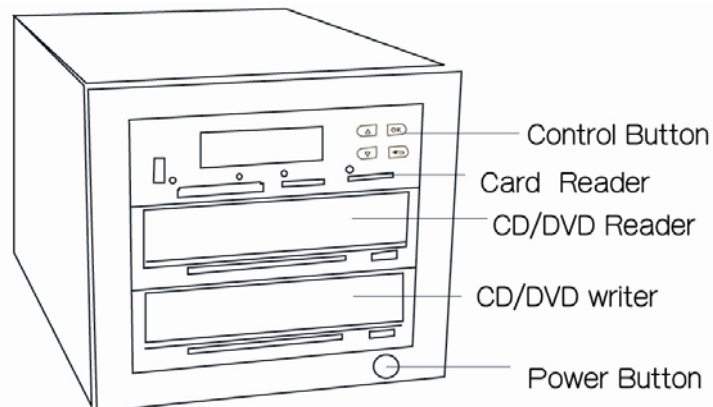
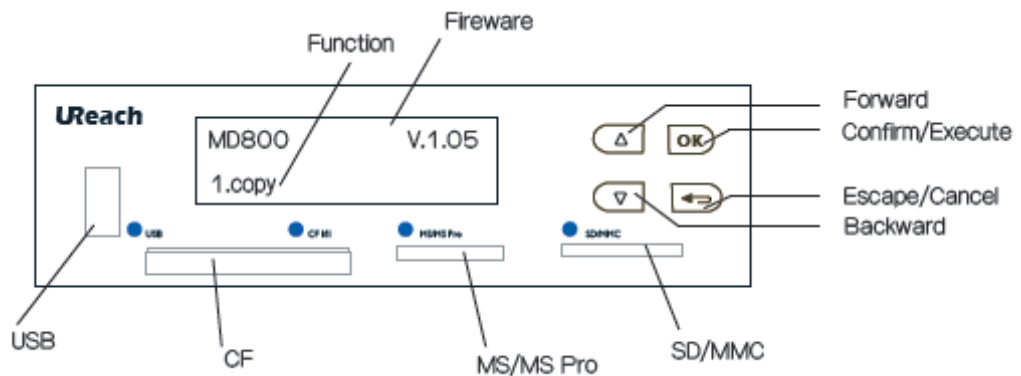
The MD 800 is a technology-leading smart Memory card/USB to Disc Copier. No need of PC, no limitation of Memory Card size, just a very simple key button, you can easily backup memory cards or USB Flash to CD / DVD disc, and also CD/DVD to CD/DVD duplicator.

MD800 can not only do multi-session backup but also disc spanning. Multi-session allows you to copy several memory cards or USB Flash to one CD or DVD disc. Disc spanning can split backup a big content size memory card to several discs. In addition, MD800 can also support CD/DVD duplicator.

1.1 Main Features:

- Memory card or USB copy backup to CD/DVD disc
 - Multisession Technology
 - Allows all different types of memory cards to backup to one CD/DVD disc.
 - Disc Spanning Technology
 - A big capacity memory cards can copy to several CD/DVD discs
- CD/DVD to CD/DVD disc duplicator

1.2 Product Overview



1.3 Function List

Function	Sub-function	Description
1. Copy	1.1 Memory Card to Disc	Copy one memory card to CD/DVD disc
	1.2 USB to Disc	Copy USB to CD/DVD disc
	1.3 Disc to Disc	CD to CD COPY DVD to DVD copy
2. Compare	2.1 Memory Card to Disc	Bit by bit compare between copied Disc and Memory card source
	2.2 USB to Disc	Bit by bit compare between USB source and copied disc
	2.3 Disc to Disc	Bit by bit compare between source disc and copied disc
3. Information	3.1 Memory Card Info	Check Memory card's content size information
	3.2 USB Info	Check USB drive's content size information
	3.3 Disc Info	Check disc's content size information
	3.4 Drive Info	Check CD/DVD drives manufacturer and model information
	3.5 System Info	Check the machine's firmware and model information
4. Utility	4.2 system Update	Can upgrade system firmware via USB
5. Set up	5.1 copy+ compare	To select "enable" or "disable" to change main menu's copy function to copy+ compare
	5.2 Multi-Session	To select "enable" or "disable" multi-session function
	5.3 Disc Spanning	To select "enable" or "disable" disc spanning function
	5.4 Burn Multidisc	Set the duplication from one flash media into several different discs.
	5.5 Burn Speed	Set the burning speed of CD/DVD writing.
	5.6 Beep Sound	Set ON or OFF of the beep sound
	5.7 Advance Setup	Set Disc spare size and back light time

1.4 Reminding

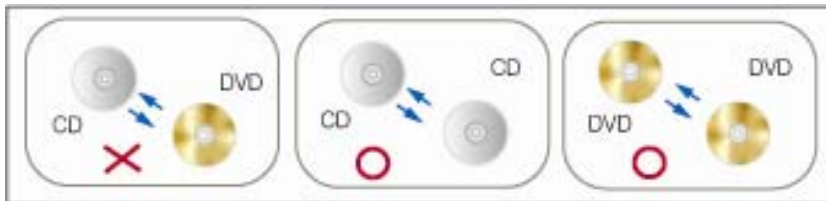
1. MD800 can copy all kinds of Flash Medias (Memory Card and USB) which support FAT12, 16, 32 file format. MD800 will not be able to do copying of the Non FAT flash media.

2. One time ONLY ONE memory card or one USB to be plugged in.



3. When the system is in process, don't pull out the card.

4. CD can only copy to CD disc, DVD copy to DVD.



II. MD800 QUICK OPERATION GUIDE

2.1 How to check device Information

Before copying, it is recommended to use this function to check each memory card, USB or CD/DVD's content information.

2.1.1 Check Memory card (eg. SD card) information

SD	3838M
Used:	1438M

Press ESC or OK key to continue to calculate file q'ty

Total File Q'ty:	64
------------------	----

2.1.2 Check USB information

USB	7.0GB
Used:	5.0GB

Press Esc or OK key to continue to calculate file q'ty

Total File Q'ty:	4329
------------------	------

2.1.3 Check Disc information

- Disc Spanning disc info: you see the disc sequence, if the disc was copied from disc spanning

Sequence of disc/ total disc copied

[2] Disc 2/4
MD800 Disc 512MB

Disc Content size

- Multi-session Disc info: you will see the content size and the remaining free space of the disc

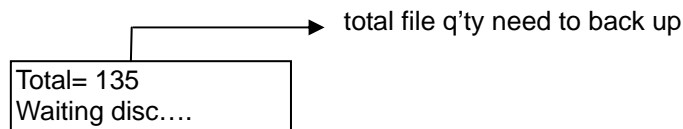
[1] 2 Session
MD800 Disc 1818M

[1] Free space
MD800Disc 2674M

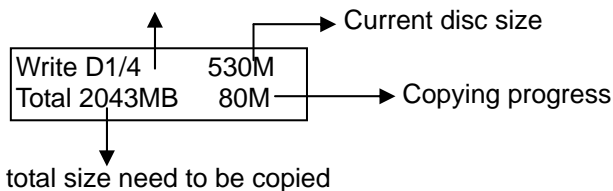
2.2 How to Backup a big size Flash Media to a CD/DVD (Disc Spanning)

When copy a big size memory card which has content size bigger than a disc, MD800 will automatically calculate and execute disc spanning. For example, when you like to copy a SD card with over 2GB content size to a disc. If you place a CD(640MB) into the burner, then MD800 will calculate total need 4 CD discs to back up this SD card. If you place a DVD(4.7G) to copy, then MD800 will start copying without requiring additional discs.

1. Plug a Memory card (ex.SD) and Place a blank CD or DVD disc into the burner.
2. Select 1. Copy, → select 1. Mcard to Disc → press OK → MD800 start copying.



Total need 4 disc
now is the 1st disc



When copy finished, the disc will be ejected. If total disc spanning haven't finished, MD800 will ask to put a new blank disc to continue the copying.

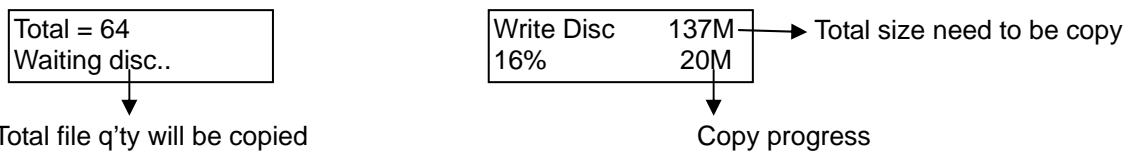
**** Note:**

1. MD800 can't do disc spanning for a memory card which only has a single file and its content size bigger than a disc size.
2. Please keep disc type consistency when doing disc spanning. For example, if you place a CD-R as the first disc for disc spanning copy, then you can't place another DVD-R or DVD+R which different from CD-R to continue copying. MD800 will show error message to ask you "put a blank CD-R".
3. If your System installed with 2 writers, you can place blank disc in each writer. When MD800 need disc spanning, it will automatically detect next blank disc when finished copy and ejected the first disc.

2.3 How to Backup Several Flash Medias to a CD/DVD Disc (Multi-session)

MD800 can combine several small size memory cards and USB drive together into a disc, For example, you can put SD card, Memory stick, Memory stick pro, USB, MP3(USB), and handy drives ..etc which total content size smaller than a CD disc size(640MB) together. MD800 will execute close session after every time copying, and keep this disc open for next time copying as long as the disc's remaining size is enough.

1. Plug a memory card (eg. USB drive) and place a CD or DVD disc into the burner
2. Select 1. Copy → select 1. USB to Disc copy → press OK → MD800 start copying



3. When finished, the disc tray will eject, and you can continue to copy another memory card or USB, or you can take out the disc and keeps it for next time copying.

****Note:** (1) As long as the disc was a multi-session disc, it will not support disc spanning.

(2) MD800 can use blank disc to start Multi-session function; if the disc has data inside, MD800 can't execute Multi-session function. Therefore, if you like to use CD-RW or DVD RW to backup, please make sure you have erased the original data of the disc.

2.4 How to do Disc to Disc (CD/DVD to CD/DVD) copying

MD800 can support disc to disc copy.

1. Place source disc and blank disc into Reader and Writers.
2. Select 1. Copy → Select 3. Disc to Disc copy → Press OK to start copy
3. When copy finished, the copied disc will be ejected.

III. MD800 Function Overview

3.1 Copy

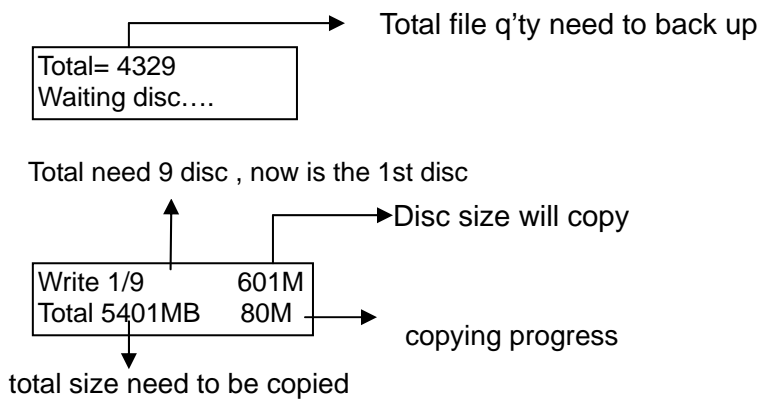
3.1.1 Memory Card to Disc

1. Plug a Memory card (eg. SD, MS) and Place a blank CD or DVD disc into the burner.

2. Select 1. Copy, → select 1. M-card to Disc → press OK → MD800 start copying.

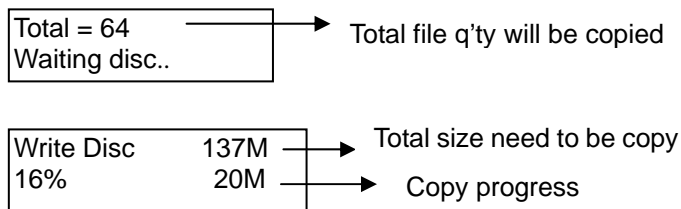
From this point, MD800 will detect and decide whether multisession or disc spanning copying

(Disc spanning)



3. When first disc copying finished, the disc tray will be ejected, and waiting for next disc..

(Multisession copying)



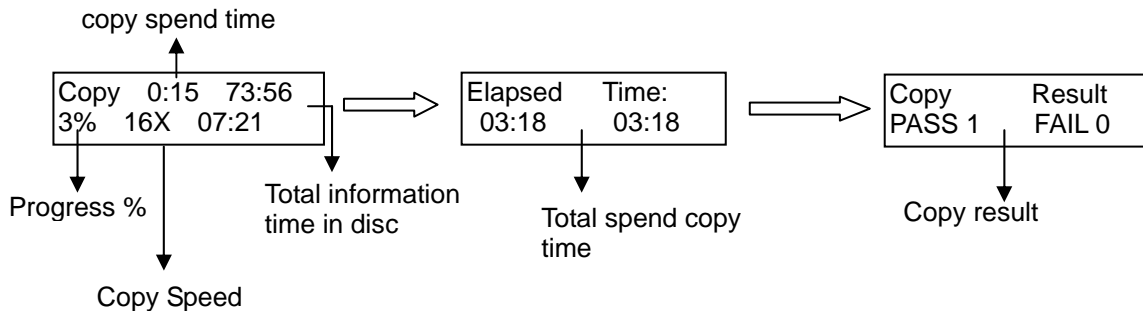
When finished, the disc tray will eject, and you can continue to copy another memory card or USB, or you can take out the disc and keeps it for next time copying.

3.1.2 USB to Disc copy

Please refer to 3.1.1 Memory card to disc copy process. The process is exactly the same.

3.1.3 Disc to Disc

1. Place source disc into a Reader and blank discs into Writers.
2. Select 1. Copy → 3. Disc to Disc copy → Press OK to start copy

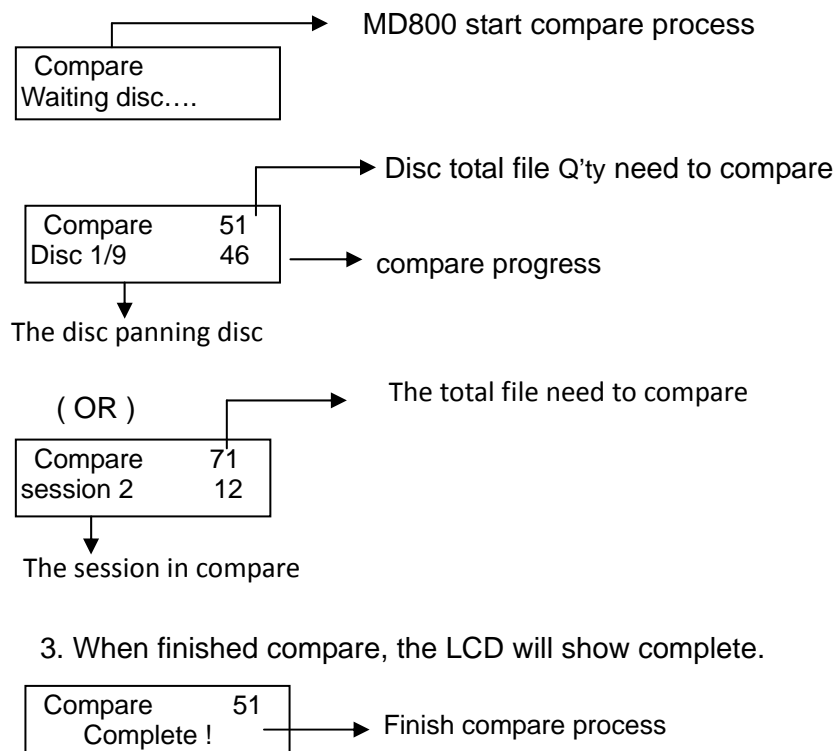


3. When copy finished, the copied disc will be ejected.

2. Compare

3.2.1 Memory Card to Disc Compare

1. Plug a Memory card (eg. SD, MS) and place a finish burner CD or DVD disc into the MD800.
2. Select 2.Compare, → select 1. M-card to Disc → press OK → MD800 start compare.



3. When finished compare, the LCD will show complete.

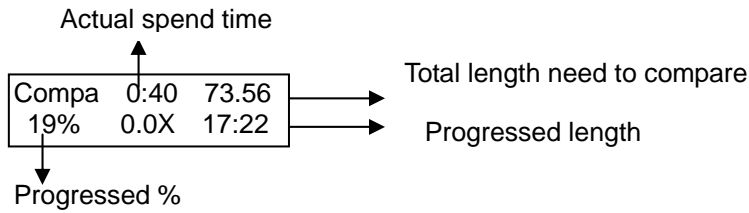
3.2.2 USB to Disc Compare

Please refer to 3.2.1 Memory card to Disc compare process. The process is the same.

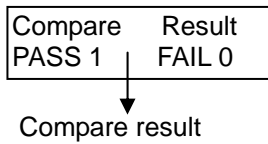
3.2.3 Disc to Disc Compare

1. Place source disc and copied disc into Reader and Writers.

2. Select 2.Compare, → select 1. USB to Disc → press OK → MD800 start compare.



3. When finished compare, the LCD screen will show PASS 1 and FAIL 0.

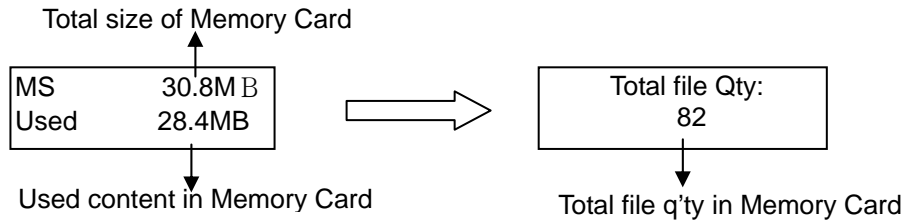


****note:** MD800 compare function is to do file by file comparison. Therefore, copy and compare speed will be affected by some factors such as file quantity, Memory-card reading speed.

3. Information

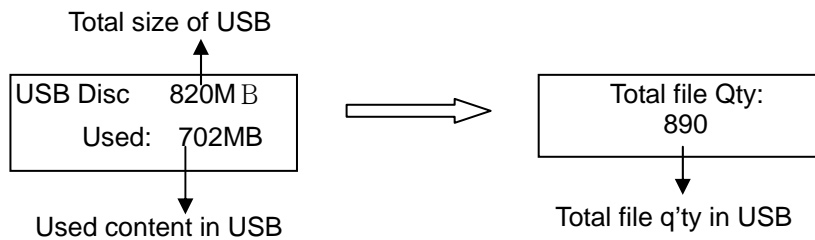
3.3.1 Memory Card information

1. Plug a Memory card (eg. SD, MS..etc) into MD800 .
2. Select 3.information → select 1. M-card info → press OK → MD800 will show the information of this Memory Card.



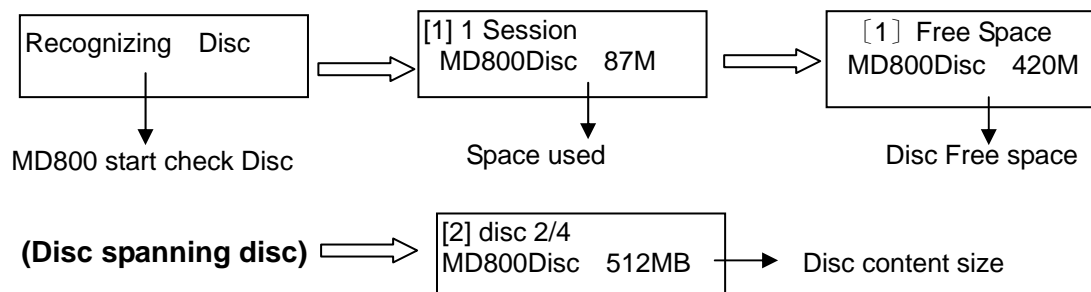
3.3.2 USB information

1. Plug a USB into MD800.
2. Select 3.information → select 2. USB info → press OK → MD800 will show the information of this USB Flash.



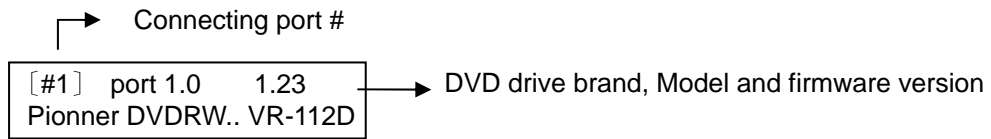
3.3.3 Disc information

1. Place the disc into MD800.
2. Select 3. information → 3. Disc info → Press OK to start check the Disc info.



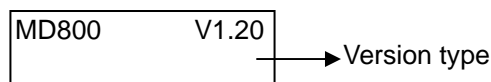
3.3.4 Drive information

Select 3.information → select 4. Drive info → press OK →it will show the information of this the DVD burner drive information.



3.3.5 System information

Select 3.information → select 5. System info → press OK →it will show the information of this MD800 version.



4. Utility

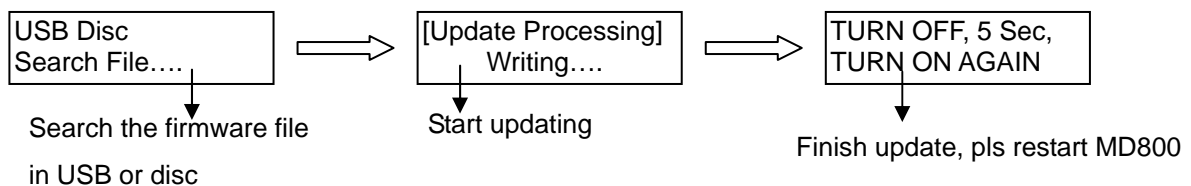
4.1 Disc Erase

MD800 can erase the DVD-RW information, first select 4.Utility → select 4.1 Disc Erase→ press OK →it will start erase the DVD-RW

4.2 System Update

MD800 can use USB Flash to update your system firmware. The system will search from USB.

1. You have to save the firmware in to the USB drive.
2. Select 4. Utility → 4. System update → press OK. The system will start updating firmware. When finished, the LCD screen will prompt you to turn off and turn on the system again.



**** Note:** Please save the update firmware in a USB. When save the file in a USB, please don't put the file in a folder. the system will not able to find the file in folder.

5. Set up

5.1 Copy + Compare

1. You can change the COPY function in the main menu to COPY+COMPARE by enable this function.
2. Select 5. Set up → Select 1. copy+ compare → choice Enable → Press OK → the copy mode will changed to copy + compare.
3. When MD800 into copy+ compare mode, when finish copy the copied disc will be ejected 2~3sec, then back into MD800 directly and start compare the file.

5.2 Multi-Session

This function is to enable or disable multi-session function.

5.3 Disc Spanning

This function can set enable or disable from function of disc spanning.

5.4 Burn Multidisc

This function can allow duplication from one flash media into several different discs.

5.5 Burn Speed

You can use this function to set up the burner speed of your MD800, it total have 9 situations, which are CD/DVD to CD/DVD, BD to BD, Memory Card to CD/ DVD/ BD and USB to CD/DVD/BD.

5.6 Beep Sound

This function is set up the MD800 button beep; it can turn ON or OFF.

5.7 Advance Setup

5.7.1 ~ 5.7.3 CD/DVD/ Blu-Ray Disc spare size

Due to the outside area of each CD, DVD or Blu-Ray disc is more easily not well written. Therefore, you can use this function to set the spare area to reserve size on each CD, DVD or Blu-Ray disc not to be written.

5.7.4 Backlight time

To set the time to let the LCD enter screen saving.

5.7.5 Language

To set the MD800 language function.

5.7.6 Factory Default

To set the MD800 returns to original default setting.

IV. Specification

	MD800 series		
Model	MD801	MD803	MD810
Operation	Stand Alone		
Function:	Memory card copy to CD/DVD disc		
	USB Flash Drive copy to CD/DVD disc		
	1-1 Blu-ray duplicator	1-3 Blu-ray duplicator	1-10 Blu-ray duplicator
Memory card or USB Backup to	Multi-session		
Disc technology	Disc Spanning		
	Multidisc copy		
Memory Card Compatibility	CompactFlash™, MemoryStick/Pro/Duo, SD™ Card, MiniSD, MicroSD,		
USB Flash Drive Support	USB1.1/2.0 USB flash devices		
CD/DVD Disc Read Support Format	DVD-ROM, DVD-Video, DVD-Audio, DVD+R, DVD+RW, DVD-R, DVD-RW, Dual Layer DVD+R, CD-ROM, Audio CD, Video CD, Mixed Mode CD, Multi-session CD, 3" miniCD-R, BluRay Disc		
CD/DVD Disc Write Support Format	DVD+R, DVD-R, DVD+RW, DVD-RW, Dual Layer DVD+R, 3" MiniCD-R, BluRay Disc		
CD/DVD Drive support Speed	Maximum up to 16X DVD ROM, 20X DVD-RW, 6X BluRay DVD Write		
Memory card File format	FAT12, FAT16, FAT32		
Buzzer	Yes		
Display	Monochrome LCD		
POWER	Max 80W	Max 250W	Max 500W
Control Button	Forward, Backward, Escape, and OK.		
LED	Green LED for each Memory card or USB device when device was detected		
Humidity	Working: 20% ~ 80% ; Storage: 5% ~ 95%		
Environment Temperature	Working :0°C to 75°C ; Storage: -20°C to 85°C		
Safety	CE, ROHS		
System Dimension	35(L)* 26(W)* 24(H) cm	51(L)* 26(W)* 34(H) cm	75(L)* 31(W)* 54(H) cm
Weight (barebone)	3.7 kg	6.9 kg	19.7 kg

V. FAQ

1. Q: Will MD800 transform my memory card data to DVD video or MP3 CD?
A: MD800 will back up what ever you have in your original media devices; MD800 won't transform your data's format. You can trust their simple and straightforward copy capability.
2. Q: Can MD800 play MP3 or JPEG photo?
A: No. MD800 is designed as a simple and easy to use backup machine.
3. Q: Can MD800 link to PC?
A: Yes. MD800 has an optional USB module. Please ask your supplier for this option. When hook up with PC to MD800 will become an external CD/DVD burned
4. Q: How long does it take to do a Memory Card or USB to disc copy?
A: The speed of copy will depend on your Memory Card or USB's speed.
5. Q: Can MD800 erase source disc?
A: MD800 only can erase the information of rewriteable disc.
6. Q: What file Format the MD800 can support?
A: MD800 support FAT format, such as FAT12, 16 and 32.
7. Q: Why is the capacity of my flash memory card (as reported by many operating systems) different from the capacity that is listed on its label?
A: Some Disk Drive Companies define 1 MEGABYTE as 1,000,000 BYTES. But the Operating Systems define 1 MEGABYTE as 1,048,576 BYTES (1024K X 1024K or 2 to the 20th power). This is the reason why our systems calculate the capacity differently.