

Welcome!

Our duplicator is a reliable, high performance, high speed, standalone DVD/CD duplicator. With its professional industrial design and simple user interface, it will make your duplicating experience easier than ever.

Before you start:

Before you start using this duplicator, please read the following to ensure proper operation:

1. DVD Duplication Limitations:

This duplicator, it will not copy any DVD that has Copy Protection encoded inside. DVDs you purchase or rent from a store will be Copy Protected.

In addition to the copy protection limitation, the duplicator will only copy a DVD-5 format (4.7GB) disc to DVD-5 format (4.7GB) recordable DVD media. If your duplicator has double layer capability, you can copy a DVD-9 format (8.5GB) disc to DVD-9 format (8.5GB) recordable DVD media. You cannot duplicate a DVD5 format disc to a DVD9 format recordable media or vice versa.

2. Temperature Warning:

If the duplicator was stored in a location where the temperature dropped below 32°F (0°C) within the past 24 hours, please leave the duplicator in a warm room with temperatures at least 65°F (19°C) for 4 hours prior to powering it on for the first time. Failure to do so may cause irreparable harm and prevent the duplicator from functioning.

3. Maintenance:

It is very important to operate and keep the duplicator in a dust free, clean environment since dust is the number 1 killer for CD/DVD recording devices. Failure to do so may severely damage your duplicator. We strongly suggest you place an Air Cleaner next to the duplicator and constantly use the Air Duster (Can Air) to clear off any dust on the surface of the duplicator.



Do not try to use Air Duster to clean the duplicator while the reader/writer trays are open. In doing so, you may inadvertently blow dust into the recording device and damage the recording device.

4. Proper Shutdown:

To avoid possible system failures the duplicator must be shutdown properly. To shutdown the duplicator, use the UP or DOWN arrow keys or the “Shutdown” hot key and follow instructions on the screen. Turning off your duplicator without performing this function will increase the risk of damaging your duplicator.

Tutorial Guide:

I. Make Disc-to-Disc Copies

This process will copy your master disc onto blank disc simultaneously. However, due to its simultaneous nature, a master in good conditioned and lower recording speed may be necessary for high success rate and quality duplicates.

Once powered on, you should see the following when your duplicator is ready. (If this screen does not appear, make sure the USB switch in the rear of the unit is not in the “ON” position)

```
Disc Makers
  1.Copy Disc
```

1. Insert a master DVD / CD into the reading drive, which is the first drive. Then, insert a blank DVD recordable disc into the recording drive, which is the second drive.
2. Press ENT button, this DVD / CD Duplicator will prompt you to select the desired recording speed for this duplication.



For DVD duplication speed 8x or above, the duplicator will automatically scan both your master disc and your blank disc for eligibility of 8x performance. If either your master disc or your blank disc is not eligible for 8x performance, you will not be able to see 8x speed selection.

```
Select Speed =
16 12 8 4 2 1
```

Select your desired recording speed by pressing the UP or DOWN button. Then press ENT to confirm.



If the system didn't recognize a blank recordable disc in the Recording drive, the LCD will display:

```
Error ...
  Not Blank Disc
```

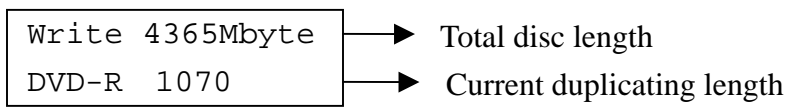
- ✓ If you inserted a DVD-R / DVD+R / CD-R disc to duplicate, then such

recordable disc may not be blank. Try changing to another blank DVD-R / DVD+R / CD-R disc.

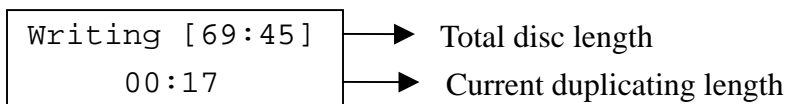
- ✓ If you are using a DVD-RW / CD-RW disc to duplicate, you need to perform [QuickEraseDisc] to remove data before you can burn new data.

3. The DVD / CD Duplicator will start to analyze the format of the master disc, and continue to duplicate if the master disc is readable.

DVD duplication:



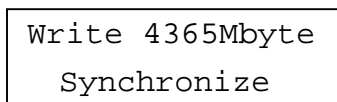
CD duplication:



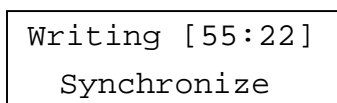
It is normal to see a delay in the progress indicators at the beginning and ending of the duplication for approximately 30 seconds for CD duplication, and up to 1 minute for DVD duplication. This is caused by the initializing and finalizing stages of recording.

4. When duplication is complete, it will start to synchronize the duplicated disc.

DVD duplication:



CD duplication:



5. Once complete, the recording drive tray will automatically eject when the duplication is

completed and the following will appear.

Waiting... Blank Disc

Add more blank media and repeat the process until you have reached the desired number of copies you require or press ESC to return to the main menu.



If your source disc is DVD format, you need a DVD-R / DVD-RW / DVD+R / DVD+RW disc in order to make a copy. If your source disc is CD format, you need CD-R / CD-RW disc in order to make a copy.

Tutorial Guide:

II. Audio CD Editing

This process will guide you to perform Audio Tracking Selection feature. This process will help you combine audio tracks from various CDs into a single customize audio CD. In this process, you will be instructed to copy all of your favorite songs into one blank CD-R you've inserted and after you have finished, you will be instructed to finalize(close) the CD-R disc to make it readable.

Once powered on, you should see the following when your duplicator is ready.

```
Disc Makers
  1.Copy Disc
```

1. Press UP button consecutively until you see following:

```
DVD Duplicator
  3.Copy Track
```

2. Insert the master disc into the reading drive. Then, insert a blank CD into the recording drive and then press ENT button to continue. You shall see following for a moment:

```
Waiting ...
  Master Disc
```

3. Once your master disc is analyzed, you shall see screen below. Use UP and DOWN buttons to select tracks you want to duplicate. A character in the sequence from 'a' to 'z' will appear above the track number for the tracks you have selected. If you want to cancel the selected track, just move the cursor to the selected track and press ENT again to deselect it.

```
a      b      c
1 2 3 4 5 6 7 █
```

4. When you are finished selecting tracks, press UP button consecutively until the cursor move to the OK position. The press ENT button.

```
      d      e
8 9 10 11 12 OK
```

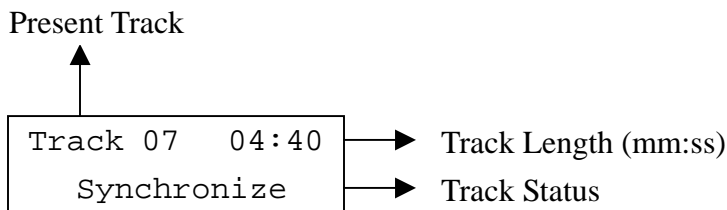


If you see following error message:

```
Error ...  
Master > Blank
```

- ✓ You have selected too many tracks. You need to insert a new CD-R / CD-RW disc or remove some tracks from your current editing list.

5. The duplicator will copy the selected tracks to the blank disc in the recording drive. While it is copying, you shall see following progress screen.



4. After finishing duplicating all tracks on the first audio CD, the tray of the Reading Drive will be ejected and you will be guided back to the main menu.

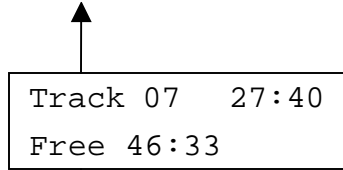
```
DVD Duplicator  
3.Copy Track
```

5. At this point, you can either insert a second audio CD for adding more tracks by going back to procedure 1, or press UP button to finalize the disc by going to [Close Disc] menu (Please follow procedure 6 for details) to finalize the disc in order to finish the process.

```
DVD Duplicator  
4.Close Disc
```

6. Press ENT button to execute [Close Disc] function. You shall see following:

Total tracks of this CD



Free disc space

7. And press ENT once again to confirm your action.



You will not be able to use the personal audio CD if you don't close (finalize) the disc.



Once you finalize the disc by executing [**Close Disc**] function, you will not be able to add more tracks onto the disc.

Setup Guide

I. Setup USB 2.0 device(s)

For first time use

1. Turn your duplicator off if it is running.
2. Turn your computer off if it is running.
3. Set the IEEE 1394 Firewire/USB2.0 switch to “ON” at the back of your duplicator.
4. Using the standard USB 2.0 cable to connect your computer and your duplicator.
5. Turn on your duplicator.
6. Turn on your computer.
7. Your computer will recognize an external device.



You need to reboot your duplicator every time when you want to turn on/off the USB 2.0/Firewire Device(s).

Menu Overview:

1. Copy Disc

This process will copy your master disc into a blank disc simultaneously. . However, due to its simultaneous nature, a master in good conditioned and lower recording speed may be necessary for high success rate and quality duplicates.

For more information, please refer to “Tutorial Guide I – Make Disc-to-Disc Copies”

2. Test Copy Disc

This menu will guide you to simulate the duplication process. During the simulation process, most write once recordable discs such as (DVD-R, CD-R) will be reusable. DVD+R blank media will not be reusable. The purpose of performing such simulation is to ensure error free duplication.



Due to the physical limitation of DVD+R recordable format, you can not perform this procedure if your recordable discs are DVD+R. If you do so, you will encounter failure messages.



If you are using CD/DVD ReWritable discs during the simulation, all of the content inside those discs will be erased permanently.

3. Copy Track

This menu will guide you to perform Audio Tracking Selection feature. This feature will help you combine audio tracks from various CDs into one single customize audio CD. For more information, please refer to “Tutorial Guide II – Audio CD Editing.”

4. Close Track

This menu is part of the process of audio CD editing. It will finalize the audio CDs you’ve created under menu 3 [Copy Track] in order for the disc to be readable.

5. Quick Erase Disc

This function is used for DVD-RW / DVD+RW / CD-RW discs only. It will quickly erase the DVD-RW / DVD+RW / CD-RW by erasing the necessary portion of the disc that will allow it to be recognized as blank media.

6. Full Erase Disc

This function is used for DVD-RW / DVD+RW / CD-RW discs only. It will fully erase the DVD-RW / DVD+RW / CD-RW by erasing every space of the disc sector by sector to make it completely blank so it is impossible to recover the previously written data. This step is necessary if you want your previously written data completely destroyed.

7. System

This function provides information about your current system status and perform system related functions.

7.1 Function [7.1 Show DVD-ROM] / [7.1 Show CD-ROM] displays the model name and version of Reader Drive.

7.2 Function [7.2 Show DVD-RW] / [7.1 Show CD-RW] displays the model name and version of Recording drive.

7.3 Function [7.3 Update BIOS] will allow you to update the system's software from an update disc.



When the DVD / CD Duplicator is updating BIOS, **DO NOT** turn off your DVD / CD Duplicator. Otherwise, DVD / CD Duplicator will not boot up again.

7.4 Function [7.4 Machine Info] displays the duplicator's system information.

7.5 Function (7.5 SetUp Para.) will allow you to put the duplicator in AutoStart mode and controller the amount of time before that mode is entered from 1-10 seconds. The AutoStart feature will start the recording process once a master and blank disc has been detected.

7.6 Function (7.6 Burn In) should only be accessed by technical support representatives. It is a factory testing utility.

7.7 Function (7.7 Disc Info) will allow you see the media type, such as DVD-R, CD-R, DVD+R, and file size of your master disc. The master disc must be placed in the reader drive

Troubleshooting:

- 1. No display on LCD or the unit does not operate when the power is on.**
 - ✓ Check the connection of power cable and the environment of power outlet is normal.
 - ✓ Make sure the power voltage matches the voltage of your power outlet.
 - ✓ If your outside temperature has dropped below 34F within past 24 hours, please leave the duplicator inside a room with temperature of 65F or higher for 4 hours before powering it on.

- 2. READER cannot read disc and shows error message.**
 - ✓ Check the format of master CD/DVD disc.
 - ✓ Check for the physical damage of your master CD/DVD itself.
 - ✓ Your master disc may be copy protected. Most of the DVDs and some of the CDs you have purchased from stores will be copy protected.

- 3. Buttons do not function.**
 - ✓ The unit may be still busy completing another task. Give it sometime and press it again. If it still doesn't work, turn off the machine, and then restart the machine after one minute.

- 4. The failure rate is high.**
 - ✓ Lower the "write speed" and try again.
 - ✓ Quality of blank disc may be poor.
 - ✓ Quality of your master disc may be poor.

- 5. Do I need to upgrade my duplicator's firmware?**
 - ✓ Unless your system is getting unstable or has problems, we strongly suggest you do not upgrade your duplicator's firmware. Please contact our Technical Support department at technicalsupport@discmakers.com if your system is getting unstable.

- 6. Cannot boot-up or fail to upgrade firmware.**
 - ✓ Contact our Technical Support department at techsupport@discmakers.com

- 7. If the system didn't recognize a blank disc in the Recording drive, the LCD will display:**

Error ... Not Blank Disc

- ✓ If you inserted a DVD-R / DVD+R / CD-R disc to duplicate, then such recordable disc may not be blank. Try change to another blank DVD-R / DVD+R / CD-R disc.
- ✓ If you are using a DVD-RW / CD-RW disc to duplicate, you need to perform [QuickEraseDisc] to remove data before you can burn new data.

8. If a DVD-R / CD-R disc is inserted in the DVD-R/RW drive and you are executing [QuickEraseDisc] function. The LCD will display:

```
Error ...  
Not CD-RW Disc
```

- ✓ DVD-R / CD-R discs are not erasable. Please change to DVD-RW / CD-RW disc.

9. If you are executing [Copy Track] function and selecting audio tracks, the LCD displays the below error message.

```
Waiting ...  
Blank Disc
```

```
Error ...  
Master > Blank
```

- ✓ You have selected too many tracks. You need to insert a new CD-R / CD-RW disc or remove some tracks from your current editing list.

10. If the master disc's capacity is larger than a blank disc, the LCD will display:

```
Error ...  
Master > Blank
```

```
Waiting ...  
Blank Disc
```

- ✓ You need to change to a bigger capacity blank disc.