



Technology on the Move!



**CopyLock DVD Copy Protection
User Guide**

**For use with
Kanguru DVD Duplicators w/ Hard Drives**

Notices and Information

Please be aware of the following points before using your Kanguru Duplicator

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the Distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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1. Introduction

CopyLock software embeds proprietary copy protection encryption into any DVD video master through a PC, creating a copy protected master which can then be transferred onto the Kanguru DVD Duplicator to produce as many copy protected reproductions as the user needs. CopyLock protects against both duplication and ripping. Since CopyLock is software based as opposed to hardware based, there are no compatibility issues with DVD players.

Before You Start

Make sure you've installed the following software to your PC:

- Kanguru MediaManager
- A disc image creation software like ImgBurn, Nero, etc.
- CopyLock software

2. General Operation

Adding copy protection to a master disc involves three easy steps:

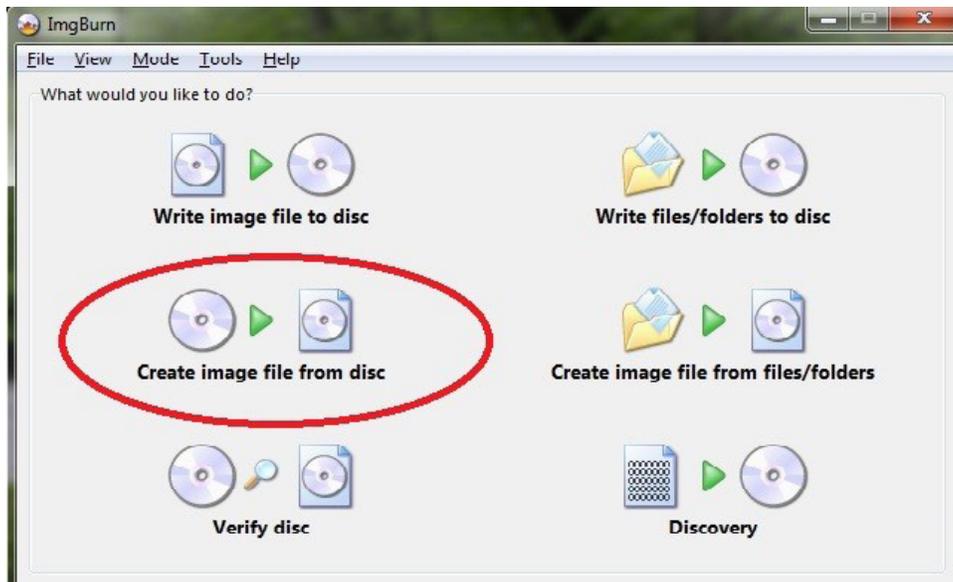
1. Generate a video image file of your Master disc.
2. Apply copy protection to your video image file by using CopyLock software.
3. Transfer the copy protected video image file to a CopyLock supported Kanguru DVD Duplicator.

2.1 Generating a Video Image File of your Master Disc

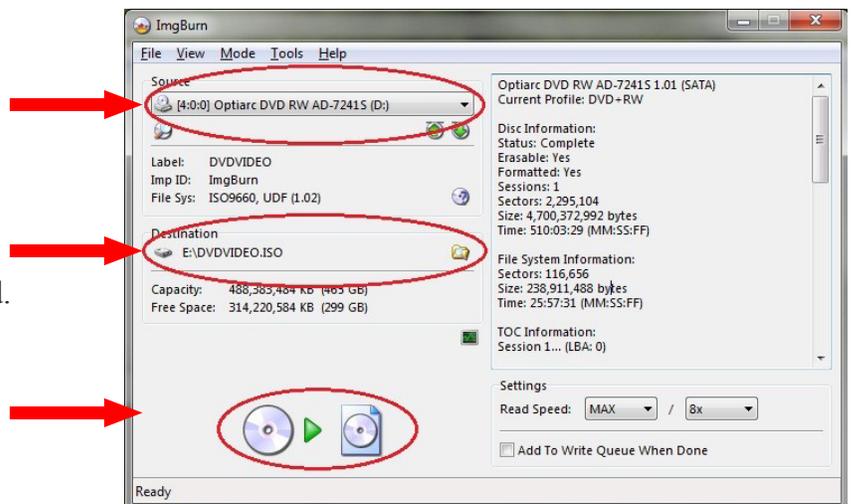
The procedure for generating a video image file (.iso file) of your Master disc varies depending on which software you are using.

If you are using ImgBurn (which can be downloaded for free @ <http://www.imgburn.com>):

1. Click on “Create image file from disc” .



2. Select the source drive where your master disc is located.
3. Select the destination location where the image file will be stored.
4. Click on **Create image** button



2.2 Applying Copy Protection to your Video Image File

Apply copy protection to your video image file (.iso file) using the CopyLock software.

1. Click on “**Browse Source**” to select the video image (.iso) file you just generated.
2. Click on “**Browse Destination**” to select the location where you want to place the copy protected disc image (.vcp) file.
3. Click on “**GO!**” to start the implementation process.



The following information is displayed in the fields at the top of the CopyLock window.

Video Images Processed

This field shows both the number of images you have processed and the number of images that you are entitled to process. The information is shown in the form:

[number of images you have processed] of [number of images that you are entitled to process]

In the above example **1 of 4**, 1 image has been processed and the user is entitled to produce 4 additional images.

Once you have made all the video images that you are entitled to you will not be able to make any more video images. Dongles containing additional licenses can be purchased from Kanguru Solutions.

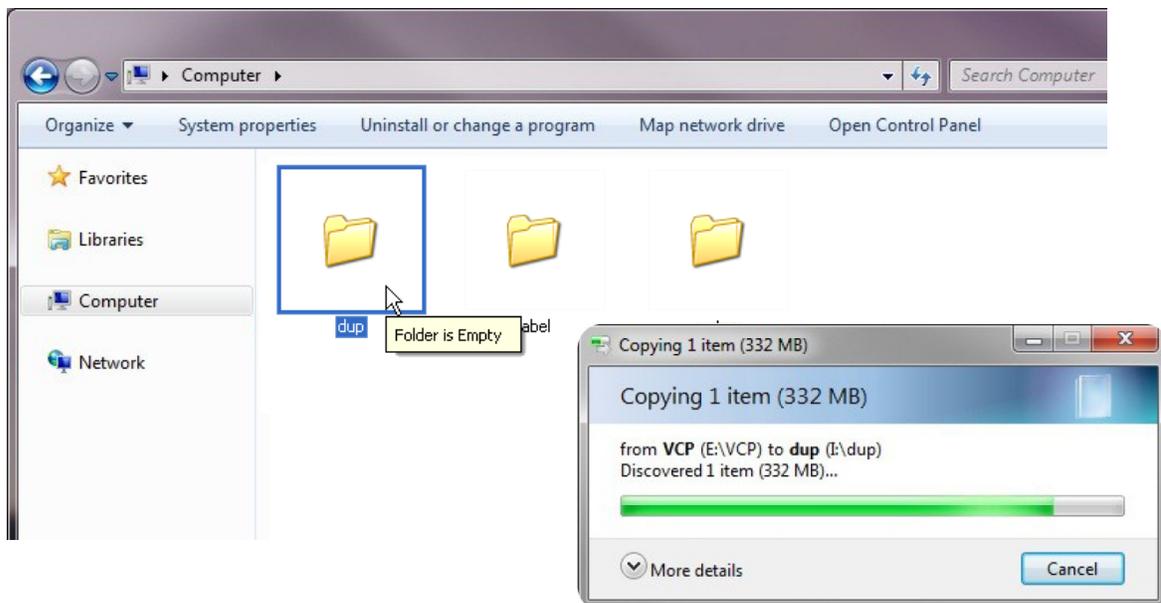
2.3 Transferring the Copy Protected Image File to the Kanguru DVD Duplicator

1. Connect the USB Cable between your PC and the Kanguru DVD Duplicator.
2. Turn the “USB Connection” setting on the duplicator to ON.
 - a. Turn on the Kanguru DVD Duplicator.
 - b. Press the Down button to navigate to “**12. USB Connection**” option, then press the **ENT** button.
 - c. Press the Down button to change the setting to “**On**” and then press the **ENT** button. This will enable the connection from your PC to the DVD Duplicator’s internal hard drive.
3. Locate a drive named “**Duplicator**” under My Computer. This is the Kanguru DVD Duplicator’s internal hard drive.



Note: If the computer asks you to format the drive, DO NOT allow the computer to format the drive. Make sure that Kanguru MediaManager is installed and running. The Kanguru DVD Duplicator’s hard drive is formatted in a proprietary file system that is unrecognizable by Windows unless Kanguru MediaManager is installed.

4. Transfer the copy protected disc image (.vcp) file you just created into the “**Dup**” folder located in the Duplicator’s Internal Hard Drive.



3. Producing Copy Protected DVD's on Your Kanguru DVD Duplicator

To make copies from the copy protected disc image (.vcp) file you just transferred to the DVD Duplicator's internal hard drive:

1. On your Kanguru DVD Duplicator, press the Down button to navigate to the “**12. USB Connection**” option, then press the **ENT** button.
2. Press the Down button to change the setting to “**Off**” and then press the **ENT** button. This will disable the connection from your PC to the DVD Duplicator's internal hard drive.
3. Set the DVD Duplicator's source location as the Hard Drive.
 - a. Press the **Up** button to the “**7. Select Source**” option, then press the **ENT** button.
 - b. Press the **Down** button to change the source location to “**Hard Drive Port**”, and then press the **ENT** button to submit the change.
4. Press the **Up** button to “**1. Copy**”, then press the **ENT** button.
5. Press the **Down** button to select the copy protected disc image (.vcp) file, and then press the **ENT** button to confirm your selection.
6. Press the **ENT** button again to select “**No Counter**” on the Counter selection screen.
7. Place the recordable DVD media into any empty trays. The duplication process will start once all discs are detected.
8. Once the duplication process is completed, all the copy protected copies will be ejected.



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