

Ripguard Authoring Requirements

RipGuard-MOD



Under 1000 DVDs

DUPLICATION

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maCrovision®

Over 1000 DVDs

REPLICATION

RipGuard



1) Master must be provided in 1 of two options.

- 1) Playable Master DVD-5
- 2) DVD-ROM Data as DDP 2.00

Note:

DO NOT TURN ON ANY COPY PROTECTION
-IF you require ACP (Analog Copy Protection), it will be applied when we receive your master.

1) Master must be provided in 1 of three options.

- 1) DLT Tape(1 per Layer)
- 2) DVD-ROM Data as DDP 2.00
- 3) Playable Master DVD-5

Note:

-IF you require ACP (Analog Copy Protection), it can be applied if ALL requirements are met.
-OR you can turn on the flags in your authoring program.

OTHER REQUIREMENTS:

1) **Make sure your DVD is authored using a supported application. For our complete list goto <http://www.ProtectedDVD.com/compatibility.htm>**

2) **Protected VTS Title Sets must have at least 5 Chapter Markers**

3) **DVD-ROM Active Content is not supported by Ripguard, and will not work.**
eg. **DVD@CCESS thru DVD Studio Pro**

4) **You can however choose to place additional documents on the DVD, such as PDFs. Although you cannot link it through the DVD Menus.**

--If you choose to add content this way, "Joliet Extension Support" MUST BE OFF

5) **Dual Layer DVD-9 projects must be provided on DLT Tape or DDP 2.00 Fileset. 1 Layer Per DLT/DVD-ROM**

****** IF THE ABOVE REQUIREMENTS ARE NOT MET TO SPECIFICATION THEN YOUR MASTER MAY RECEIVE A REDUCED LEVEL OF COPY PROTECTION ******

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Ripguard Example Workflows

Note: ALL workflows below require the FINAL OUTPUT of 2 DVDs

- 1) DVD-ROM (Data) - Containing either ISO, IMG, or DDP Fileset
and
- 2) Playable DVD Master

--Any Program can be used to burn the DVD-ROM, such as Roxio CD/DVD Creator or Toast

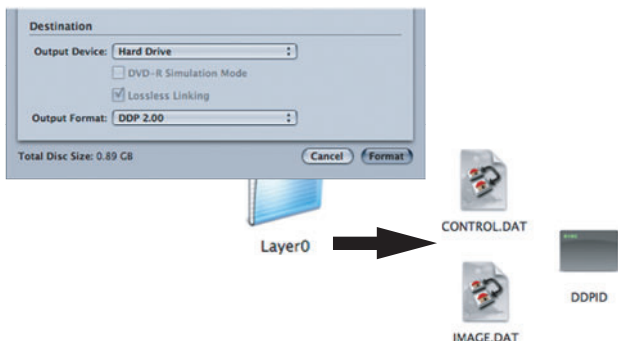
--Burn the Playable DVD Master using your DVD Authoring Program.

For other consumer level authoring programs not listed here all that is needed is a playable DVD Master, pending compatibility. See (<http://www.ProtectedDVD.com/compatibility.htm>)

Example DVD Studio Pro 4.0 Workflow:

- 1) Author DVD Project
- 2) Build VIDEO_TS/AUDIO_TS Folders
- 3) Format DVD: 2 options (Choose One)
 - a) Format to DLT IV Tape Drive
 - b) Format to DDP 2.00 Fileset
 - Change output device to "Hard Drive"
 - Select "Output Format" to DDP 2.00
 - Burn the Fileset to a DVD Data Disc
- 4) Burn to a playable master also, just as backup

Note: DDP 2.00 Filesets contain 3 files per Layer
-CONTROL.DAT, IMAGE.DAT, DDPID



Example Adobe Encore Workflow:

- 1) Author DVD Project
- 2) Go to File->Build DVD->Make DVD Disc or IMG
- 3) Burn .IMG to a "DATA" DVD"
- 4) Burn to a playable master also, just as backup

Example Sony DVD Architect 5.0 Workflow:

- 1) Author DVD project
- 2) When complete goto "File-->Make DVD"
- 3) Click "Burn"
- 4) Burn Source "Current Project"
- 5) Click next until you get to "Burn Parameters"
- 6) Change the Device to "ISO Image Writer"
- 7) In the "File Name" box, click the small box marked [...] to specify a location to save the ISO
- 8) Click "Finish" and if it asks to burn another click "no"
- 9) Exit DVD Architect
- 10) Burn the ISO file from step 7 as a DATA-DVD. (DVD-ROM)
- 11) Send the DVD-ROM as the master to be Ripguarded.
- 12) Burn to a playable master also, just as backup

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