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## **CD-ROM Masters**

Prior to sending in your master, test it thoroughly to make sure that it performs exactly the way that you want it to. Your finished discs will be an identical copy of the master. Always use high-quality recordable CD-R non-rewritable media or DLT tapes for CD-ROM masters. Colored CD-R media and CD rewritable (CD-RW) discs may not be used for CD-ROM masters due to low reflectivity levels and drive compatibility issues. Packet-written CD-ROM's are not acceptable for manufacturing. During packet-writing data is written incrementally to the disc instead of all at once. Since the data is written to the disc a few files at a time, a packet-written CD will have multiple tracks and gaps in the data which do not belong on an image suitable for manufacturing.

## **DVD-ROM Masters**

Prior to sending in your master, test it thoroughly to make sure that it performs exactly the way that you want it to. Your finished discs will be an identical copy of the master. Always use high-quality recordable DVD+R or DVD-R non-rewritable media or DLT tapes for DVD-ROM masters. DVD rewritable (DVD-RW) discs may not be used for DVD-ROM masters due to low reflectivity levels and drive compatibility issues.

DVD+R or DVD-R are acceptable for masters of DVD-5 and DVD-10 for replication. DVD-9 requires two masters (layer 1 and layer 0), DVD+R, DVD-R, or DLT tape may be used for masters. Any project requiring CSS or Macrovision copy protection must be authored as such and must be submitted on DLT tape. All DLT tape masters must include the DDP files.

Regarding preparation of your master, if your DVD is encoded and authored by anyone other than Great Lakes Media Technology, please adhere to the following guidelines to insure player compatibility of your replicated discs:

*"Beware of setting your bit rate too high. The maximum video bit rate allowed is 9.8 Mbps, but rarely is that practical to use since DVD players support combined video, audio, and subtitle bit rates of up to 10.08 Mbps. In practice, you should be conservative when determining how high of a bit rate to allow for. Trying to squeeze out the highest possible bit rate for your project can lead to player compatibility and disc space issues." - Apple DVD Studio Pro User's Manual*

**Great Lakes Media Technology uses and recommends a bit rate of 5 or 6 Mbps.**

**All masters will be replicated as submitted. Great Lakes Media Technology is not liable for errors in the master provided us.**

If you require additional help preparing a CD or DVD master please contact your GLMT Sales Representative who will provide additional details.