

Media Duplication Explained

When producing CD or DVD media, the choice of duplicating or replicating them is often confused. Duplication and replication are totally different processes and should be used accordingly for the type of target market you are producing the discs for.

Replication differs from duplication in that the process for replication uses a glass master to produce duplicates out of molded plastic resin discs and duplication uses premade blank discs and burns the data into a dye in the disc with a laser. You cannot replicate a disc from your PC but you can duplicate a disc if it's equipped with a drive that burns discs.

Burning to a blank disc is accomplished by using a laser to bounce light off the dye in the disc moving outward as the disc spins. Spin rate or "Burn" speed of the disc is determined by the rating of the burner and the blank disc. Not all burners or discs burn at the same speeds.

Almost all DVD burners are dual purpose and will burn a CD or DVD disc. Discs are marked as CD-R, DVD-R, CD-RW, DVD-RW. There are other varieties but the one constant in them is the R or the W. The R shows that the disc is recordable and the W shows that it is writable and can be written to numerous times. The only problem with rewritable discs is that most often they will only play in the drive that originally wrote to them. Recordable discs however will usually play on any drive they are used in.

Mediatechnics is an industry leader in manufacturing the equipment used to mass duplicate CD or DVD media. They have the capability to duplicate any number of CD or DVD discs in as short as 24 hours. If you need a quick turn or simple DVD Duplication service, be sure to give them a chance to quote it before you get it done elsewhere.

About the Author

If you are looking for [Duplication Services](#), give Mediatechnics a chance to show you what they can do for you.

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