
Use Blu-ray and High Definition Technology Instead of Cds and Dvds

Wednesday, 04 February 2009

With technology improving everyday, you quickly start to notice that not only can you still use CD or DVDs to do CD duplication, DVD duplication or even CD packaging and DVD packaging, but you can now use new formats to store or sell programs and more.

It is actually now possible to use blu-ray and high definition technology to do all that. Those new technology can store even more data than the normal CD or DVD that would be used for CD replication, DVD replication and the others.

We hear a lot about blu-ray discs and high definition but what is it really.

The blu-ray disc is the next generation of optical disc format developed to enable recording, playback or rewriting of high-definition video most commonly known as HD, as well as storing a large amount of data. Whereas a DVD has a storage capacity of up to 8.5GB, a blu-ray would have a storage capacity of up to 50 GB and a high definition DVD would have a storage capacity of up to 30GB which make those types of storage hugely interesting.

While discs like DVDs and CDs use a red laser to write and read the data, the new blu-ray format actually uses a blue-violet laser. Using a blue-violet laser instead of a red laser means that the laser has a shorter wavelength which makes it possible to focus the laser dot with even better accuracy, thus allowing data to be packed more compactly and stored in less space which obviously mean a greater storage capacity.

The blu-ray technology is supported by around two hundred of the world's leading computers, consumer electronics, video game and music companies for the moment and this number is meant to grow with the years. The format is even supported by all Hollywood studios as the successor to the DVDs we all use for the moment. Interestingly, High Definition DVDs have not been used much due to the growing success of blu-ray discs, especially since you can store much more data on a blu-ray disc than on a high definition DVD.

Even if the blu-ray and high definition formats are not widely in use at the moment, they will certainly be in the coming years as soon as the technology becomes better known by the consumers around the world. So next time you want to get DVD or CD duplication or even DVD packaging or CD packaging done, think about using blu-ray discs instead.