

The speed at which a DVD is recorded depends on the position of the recording head on the disc. The innermost (center) maximum recording speed is 6x and increases to the DVD maximum rating at the outer diameter. See Figure 1.

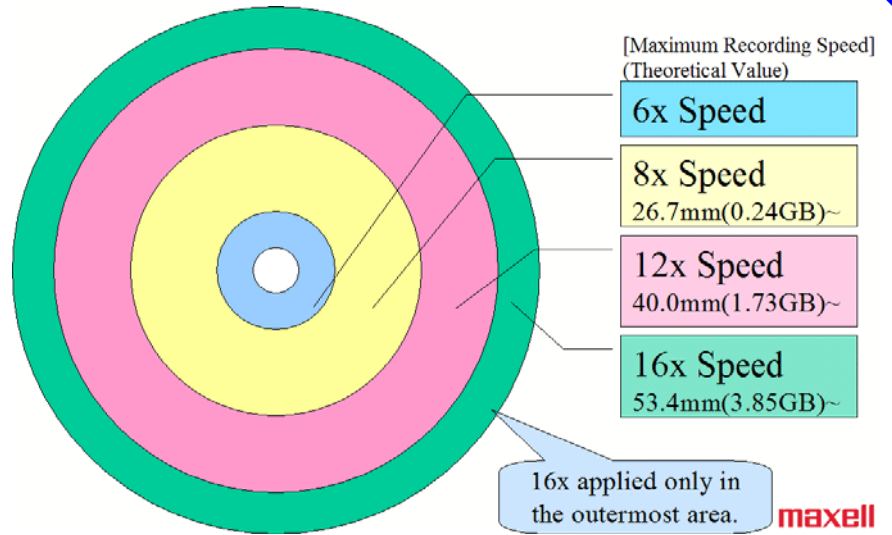


Figure 1

Recording 60 minutes at 1x takes 60 minutes. As the recording speed increases, the time to record is reduced. At 4x, recording time is about 15 minutes, 8x about 8 minutes and at 16x about 6 minutes. Recording time is NOT cut progressively in half as one would expect. See Figure 2.

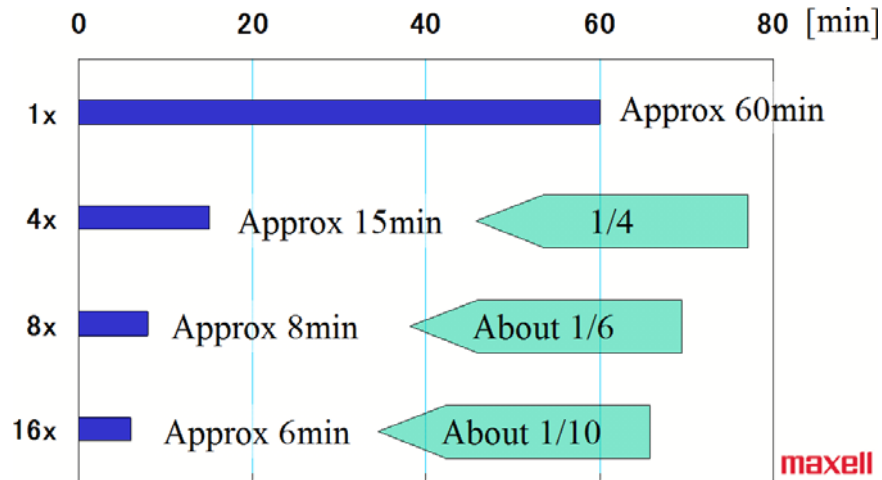


Figure 2

The advantages of a 16x DVD are minimal. Recording is from the center out. The narrow 16x write zone is only effective and active when writing to the very final part of the disc, or that which is recorded in excess of and beyond 3.85GB or the last .85GB only.

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