

GLOSSARY OF TECHNICAL TERMS

Bonding	Permanent adhesion of 2 disc halves to each other, one of the DVD production steps	CD View Card	Rectangular-shaped CD-ROM the size of a credit card which can be read using a conventional CD-ROM drive; 15 MB storage capacity.
CD	Compact Disc ; optical medium for the storage of digital and prerecorded information. During the injection molding process information is embedded in permanent microscopic pits on the CD surface. This information can only be read and not altered (audio, video, computer); 650 megabyte storage capacity; 780 nanometer laser wavelength; one polycarbonate substrate (120 mm diameter; 1.2 mm thickness)	DVD	Digital Versatile Disc ; optical medium for the storage of digital information (audio, video, computer data); 9.4 gigabyte max. storage capacity; 650 nanometer laser wavelength; 2 polycarbonate substrates (120 mm diameter; 0.6 mm thickness each), individually produced, coated and subsequently bonded together. The digital information can be read but not altered.
CD-ROM	Compact Disc - Read Only Memory ; optical data storage medium for pre-recorded data (software). This information can only be read and not altered.	DVD-Audio	Digital Versatile Disc-Audio optical medium for the digital storage of music
CD-R	Compact Disc - Recordable ; optical data storage medium for personal archiving (burning) of digital information; the CD-R can be recorded only once, and thereafter can only be read like a CD-ROM.	DVD-ROM	Digital Versatile Disc-ROM ; optical medium for the storage of digital information (data, software, games, etc.); the digital information can be read but not altered.
CD-RW	Compact Disc - Rewritable ; optical data storage medium for archiving (burning) of digital information; the CD-RW can be recorded and erased repeatedly.	DVD-Video	Digital Versatile Disc-Video ; optical medium for the digital storage of movies with multiple language options.
		DVD-R	Digital Versatile Disc-Recordable ; optical data storage medium for personal archiving (burning) of digital information; the DVD-R can be recorded only once, and thereafter can only be read like a normal DVD.

DVD - 5

Digital Versatile Disc -
4.7 gigabyte storage capacity

DVD - 9

Digital Versatile Disc -
8.5 gigabyte storage capacity

DVD - 10

Digital Versatile Disc -
9.4 gigabyte storage capacity

DVD-RW

Digital Versatile Disc - Rewritable;
optical data storage medium for repeated
digital recording for video applications.

DVD-RAM

Digital Versatile Disc - Read Access
Memory; optical data storage medium
for repeated digital recording for
PC ROM applications.

Metallizing

Application of a thin layer of metal
(aluminum, gold, silver) or silicon onto
a CD or DVD disc; this reflective layer
serves to reflect the laser beam; the
cathode technology employed is called
sputtering.

MODULUS

Multiple cathode metallizer for coating
rewritable CD-RW, DVD-RW, and
DVD-RAM media.

SINGULUS III

Metallizing system for CD, CD-R
and DVD

SKYLINE

Fully automatic replication line for
CD, CD-ROM and CD Business Cards

SKYLINE Duplex

Fully automatic replication line for
CD and DVD 5

SMART CATHODE®

Patented sputter cathode for coating
CD and DVD discs with highly uniform
reflective layers-

SPACELINE

Fully automatic replication line for
DVD 5, DVD 10 and DVD 9

SPACEBonder

Bonding System for DVD

STREAMLINE

Fully automatic replication line for
CD-R and DVD-R

UV-Curing

Drying or curing of adhesives or
lacquers with the aid of ultraviolet rays