

DVD-R 4x							
Type \ Writer	PC Writer	Firmware	Compatible Disc	Writer's Speed			MID CODE
				DVD+R/RW	DVD-R/RW	DVD-RAM	CMC MAG AF1
A-OPEN	DRW-4410	1.19	DVD+R/RW	4X / 4X			*
	DRW-8800	1.5A	DVD±R/RW	8X/4X	8X/4X		4X
ASUS	DRW0402P	1.3	DVD-R/RW		4X/2X		4X
BENQ	DW400A	B1MY	DVD+R/RW	4X / 4X			*
	DW800A	B2K7	DVD+R/RW	8X / 4X			*
	DW822A	B3HC	DVD±R/RW	8X/4X	4X/4X		2X, 4X
	DW830A	B4A8	DVD+R/RW	8X / 4X DL 2.4X			*
BTC	DRW 1008IM	0258	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	DRW 1108IM	B218	DVD±R/RW	8X/4X	8X/2X		2X, 4X
CYBER	DX082D	14SB	DVD+R/RW	8X / 4X			*
HP	DVD 420i	1.27	DVD±R/RW	8X/4X	8X/4X		2X, 4X
	DVD 400c	FH04	DVD+R/RW	8X / 4X			*
	DVD 300n	3.20	DVD+R/RW	4X / 2.4X			*
	DVD 200j	1.72	DVD+R/RW	2.4X / 2.4X			*
LG	GSA-4040B	A302	DVD±R/RW/RAM	4X/2.4X	4X/2X	3X	2X, 4X
	GSA-4082B	A204	DVD±R/RW/RAM	8X/4X	8X/4X	3X	2X, 4X
	GSA-4081B	A101	DVD±R/RW/RAM	8X/4X	4X/2X	3X	2X, 4X
	GSA-4120B	A100	DVD±R/RW/RAM	12X/4X	8X/4X	5X	2X, 4X
LITEON	LDW-411S	FS0J	DVD±R/RW	4X/4X	4X/2X		2X, 4X
	LDW-811S	HS0Q	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	LDW-851S	GS0J	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	SOHW-812S	US0M	DVD±R/RW	8X/4X	8X/4X		2X, 4X
	SOHW-832S		DVD±R/RW	8X/4X DL 2.4X	8X/4X		
MITSUMI	DW7801TE	1.01	DVD+R/RW	4X/2.4X			*
	DW7872TE	0056	DVD±R/RW	8X/4X	4X/2X		2X, 4X
MSI	DR8-M	0416	DVD±R/RW	8X/4X	8X/4X		2X, 4X
	DR8-A	150D	DVD±R/RW	8X/4X	4X/2X		2X, 4X
NEC	ND-1100A	1.A3	DVD+R/RW	4X/2.4X			*
	ND-1300A	1.0B	DVD±R/RW	4X/2.4X	4X/2X		2X, 4X
	ND-5100A	1.20	DVD+R/RW	4X/4X			*
	ND-2500A	1.07	DVD±R/RW	8X/4X	8X/4X		2X, 4X
OPTORITE	DD0203	2.50	DVD±R/RW	4X/2.4X	4X/2X		2X, 4X
	DD0401	150I	DVD±R/RW	8X/4X	4X/2X		4X
	DD0405	150I	DVD±R/RW	8X/4X	8X/4X		4X
PANASONIC	LFD521	A116	DVD-R/RW/RAM		2X/1X	1X	1x, 2X
	LFM621	F100	DVD-R/RW/RAM		4X/1X	3X	1x, 2X, 4X
	UJ811	1.00	DVD-R/RW/RAM		2X/1X	2X	2X
	UJ820	TK9B	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X, 4X
	UJ825	D100	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X, 4X
PHILIPS	8311	GSD5	DVD+R/RW	4X/2.4X			*
	8401	CX04	DVD+R/RW	8X/4X			*
PIONEER	DVR-103D	2.00	DVD-R/RW		2X/1X		1x, 2X
	DVR-104D	1.40	DVD-R/RW		2X/1X		1x, 2X
	DVR-105D	1.33	DVD-R/RW		4X/2X		1x, 2X, 4X
	DVR-106D	1.08	DVD±R/RW	4X/2.4X	4X/2X		1x, 2X, 4X
	DVR-107D	1.15	DVD±R/RW	8X/4X	8X/4X		1x, 2X, 4X
PLEXTOR	PX-504A	1.02	DVD+R/RW	4X/4X			*
	PX-708A	1.06	DVD±R/RW	8X/4X	4X/2X		1X, 2X, 4X
	PX-712A	1.01	DVD±R/RW	12X/4X	8X/4X		2X, 4X
QSI	DDW082	B373	DVD±R/RW	8X/4X	4X/2X		2X, 4X
RICOH	RW8165	1.00	DVD+R/RW	2.4X/2.4X			*
	MP5125A	1.72	DVD+R/RW	2.4X / 2.4X			*
	MP5240A	1.19	DVD+R/RW	4X / 4X			*
	MP5308D	1.B2	DVD±R/RW	8X/4X	8X/4X		2X, 4X

SONY	DRU-500A	2.1a	DVD±R/RW	4X/2.4X	4X/2X		1x , 2X , 4X
	DRU-510A	1.1a	DVD±R/RW	4X/4X	4X/2X		1x , 2X , 4X
	DRU-530A	2.1a	DVD±R/RW	8X/4X	8X/4X		2X,4X
	DRU-700A	VY02	DVD±R/RW	8X/4X DL 2.4X	8X/4X		2X,4X
TDK	DVDRW 0404N	1.0A	DVD±R/RW	4X/2.4X	4X/2X		2X,4X
	DVDRW 840G	1.06	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	DVDRW 880G	1.33	DVD±R/RW	8X/4X	8X/4X		2X, 4X
TEAC	DV-W22E	1.00	DVD-R/RW/RAM		2X/1X	2X	1X, 2X
	DV-W24E	1.0D	DVD±R/RW/RAM	4X/4X	4X/2X	2X	1X , 2X , 4X
	DV-W50D	1.07	DVD±R/RW	4X/2.4X	4X/2X		1x , 2X , 4X
	DV-W50E	1.30	DVD-R/RW		4X/2X		1x , 2X , 4X
	DV-W58D	1.11	DVD±R/RW	8X/4X	8X/4X		1x , 2X , 4X
	DV-W58E	0.1A	DVD+R/RW	8X/4X			*
TOSHIBA	DV-W58G	H4S3	DVD±R/RW	8X4X	4X/2X		2X , 4X
	SDR6112	1031	DVD-R/RW		2X/1X		1X, 2X
	SDR6252	1A11	DVD+R/RW	2.4X/2.4X			*
	SDR5272	1030	DVD±R/RW	8X/4X	8X/4X		2X, 4X
Test Environment							
CPU : INTEL Pentium2.4 GHz							
RAM : 256MB							
HD : 40GB							
OS : Windows 2000							
Burn software : Nero Burning ROM ver 6.3.1.6							
Burn Image : Vedio Image 4480MB							

	Japan drive manufacture
	Taiwan drive manufacture
	DVD+ drive
	DVD dual drive
	DVD- drive
	New added drive model
	Writing speed constraint

DVD-R 8x							
Writer Type	PC Writer	Firmware	Compatible Disc	Writer's Speed			MID CODE
				DVD+R/RW	DVD-R/RW	DVD-RAM	CMC MAG AE1
A-OPEN	DRW-4410	1.19	DVD+R/RW	4X/4X			*
	DRW-8800	1.5A	DVD±R/RW	8X/4X	8X/4X		4X
ASUS	DRW0402P	1.3	DVD-R/RW		4X/2X		4X
BENQ	DW400A	B1MY	DVD+R/RW	4X / 4X			*
	DW800A	B2K7	DVD+R/RW	8X / 4X			*
	DW822A	B3HC	DVD±R/RW	8X/4X	4X/4X		2X, 4X
	DW830A	B4A8	DVD+R/RW	8X / 4X DL 2.4X			*
BTC	DRW 1008IM	0258	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	DRW 1108IM	B218	DVD±R/RW	8X/4X	8X/2X		2X, 4X, 8X
CYBER	DX082D	14SB	DVD+R/RW	8X / 4X			*
HP	DVD 420i	1.27	DVD±R/RW	8X/4X	8X/4X		2X, 4X
	DVD 400c	FH04	DVD+R/RW	8X / 4X			*
	DVD 300n	3.20	DVD+R/RW	4X / 2.4X			*
	DVD 200j	1.72	DVD+R/RW	2.4X / 2.4X			*
LG	GSA-4040B	A302	DVD±R/RW/RAM	4X/2.4X	4X/2X	3X	2X, 4X
	GSA-4082B	A204	DVD±R/RW/RAM	8X/4X	8X/4X	3X	2X, 4X
	GSA-4081B	A101	DVD±R/RW/RAM	8X/4X	4X/2X	3X	2X, 4X
	GSA-4120B	A100	DVD±R/RW/RAM	12X/4X	8X/4X	5X	4X
LITEON	LDW-411S	FS0J	DVD±R/RW	4X/4X	4X/2X		2X, 4X
	LDW-811S	HS0Q	DVD±R/RW	8X/4X	4X/2X		2X
	LDW-851S	GS0J	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	SOHW-812S	US0M	DVD±R/RW	8X/4X	8X/4X		2X, 4X, 8X
	SOHW-832S		DVD±R/RW	8X/4X DL 2.4X	8X/4X		
MITSUMI	DW7801TE	1.01	DVD+R/RW	4X/2.4X			*
	DW7872TE	0056	DVD±R/RW	8X/4X	4X/2X		2X, 4X
MSI	DR8-M	0416	DVD±R/RW	8X/4X	8X/4X		2X, 4X, 8X
	DR8-A	150D	DVD±R/RW	8X/4X	4X/2X		2X, 4X
NEC	ND-1100A	1.A3	DVD+R/RW	4X/2.4X			*
	ND-1300A	1.0B	DVD±R/RW	4X/2.4X	4X/2X		2X, 4X
	ND-5100A	1.20	DVD+R/RW	4X/4X			*
	ND-2500A	1.07	DVD±R/RW	8X/4X	8X/4X		2X, 4X
OPTORITE	DD0203	2.50	DVD±R/RW	4X/2.4X	4X/2X		2X, 4X
	DD0401	150I	DVD±R/RW	8X/4X	4X/2X		2X, 4X, 6X, 8X
	DD0405	150I	DVD±R/RW	8X/4X	8X/4X		2X, 4X, 6X, 8X
PANASONIC	LFD521	A116	DVD-R/RW/RAM		2X/1X	1X	1x, 2X
	LFM621	F100	DVD-R/RW/RAM		4X/1X	3X	1x, 2X, 4X
	UJ811	1.00	DVD-R/RW/RAM		2X/1X	2X	2X
	UJ820	TK9B	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X, 4X
	UJ825	D100	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X
PHILIPS	8311	GSD5	DVD+R/RW	4X/2.4X			*
	8401	CX04	DVD+R/RW	8X/4X			*
PIONEER	DVR-103D	2.00	DVD-R/RW		2X/1X		1x, 2X
	DVR-104D	1.40	DVD-R/RW		2X/1X		1x, 2X
	DVR-105D	1.33	DVD-R/RW		4X/2X		1x, 2X, 4X
	DVR-106D	1.08	DVD±R/RW	4X/2.4X	4X/2X		1x, 2X, 4X
	DVR-107D	1.15	DVD±R/RW	8X/4X	8X/4X		1x, 2X, 4X
PLEXTOR	PX-504A	1.02	DVD+R/RW	4X/4X			*
	PX-708A	1.06	DVD±R/RW	8X/4X	4X/2X		1x, 2X, 4X
	PX-712A	1.01	DVD±R/RW	12X/4X	8X/4X		2X, 4X, 6X, 8X
QSI	DDW082	B373	DVD±R/RW	8X/4X	4X/2X		2X, 4X
RICOH	RW8165	1.00	DVD+R/RW	2.4X/2.4X			*
	MP5125A	1.72	DVD+R/RW	2.4X / 2.4X			*
	MP5240A	1.19	DVD+R/RW	4X / 4X			*
	MP5308D	1.B2	DVD±R/RW	8X/4X	8X/4X		2X, 4X

SONY	DRU-500A	2.1a	DVD±R/RW	4X/2.4X	4X/2X		1x , 2X , 4X
	DRU-510A	1.1a	DVD±R/RW	4X/4X	4X/2X		1x , 2X , 4X
	DRU-530A	2.1a	DVD±R/RW	8X/4X	8X/4X		2X,4X, 8X
	DRU-700A	VY02	DVD±R/RW	8X/4X DL 2.4X	8X/4X		4X, 6X, 8X
TDK	DVDRW 0404N	1.0A	DVD±R/RW	4X/2.4X	4X/2X		2X,4X
	DVDRW 840G	1.06	DVD±R/RW	8X/4X	4X/2X		2X, 4X
	DVDRW 880G	1.33	DVD±R/RW	8X/4X	8X/4X		2X, 4X
TEAC	DV-W22E	1.00	DVD-R/RW/RAM		2X/1X	2X	1X, 2X
	DV-W24E	1.0D	DVD±R/RW/RAM	4X/4X	4X/2X	2X	1x , 2X , 4X
	DV-W50D	1.07	DVD±R/RW	4X/2.4X	4X/2X		1x , 2X , 4X
	DV-W50E	1.30	DVD-R/RW		4X/2X		1x , 2X , 4X
	DV-W58D	1.11	DVD±R/RW	8X/4X	8X/4X		1x , 2X , 4X
	DV-W58E	0.1A	DVD±R/RW	8X/4X			*
	DV-W58G	H4S3	DVD±R/RW	8X/4X	4X/2X		2X
TOSHIBA	SDR6112	1031	DVD-R/RW		2X/1X		1X, 2X
	SDR6252	1A11	DVD±R/RW	2.4X/2.4X			*
	SDR5272	1030	DVD±R/RW	8X/4X	8X/4X		2X, 4X, 8X
Test Environment							
CPU : INTEL Pentium2.4 GHz							
RAM : 256MB							
HD : 40GB							
OS : Windows 2000							
Burn software : Nero Burning ROM ver 6.3.1.6							
Burn Image : Vedio Image 4480MB							

	Japan drive manufacture
	Taiwan drive manufacture
	DVD+ drive
	DVD dual drive
	DVD- drive
	New added drive model
	Writing speed constraint

DVD-RW 2x							
Writer Type	PC Writer	Firmware	Compatible Disc	Writer's Speed			MID CODE
				DVD+R/RW	DVD-R/RW	DVD-RAM	CMC W02
A-OPEN	DRW-4410	1.19	DVD+R/RW	4X/4X			*
	DRW-8800	1.5A	DVD±R/RW	8X/4X	8X/4X		2X
ASUS	DRW0402P	1.3	DVD-R/RW		4X/2X		2X
BENQ	DW400A	B1MY	DVD+R/RW	4X / 4X			*
	DW800A	B2K7	DVD+R/RW	8X / 4X			*
	DW822A	B3HC	DVD±R/RW	8X/4X	4X/4X		2X
	DW830A	B4A8	DVD+R/RW	8X / 4X DL 2.4X			*
BTC	DRW 1008IM	0258	DVD±R/RW	8X/4X	4X/2X		2X
	DRW 1108IM	B218	DVD±R/RW	8X/4X	8X/2X		2X
CYBER	DX082D	14SB	DVD+R/RW	8X / 4X			*
HP	DVD 420i	1.27	DVD±R/RW	8X/4X	8X/4X		2X
	DVD 400c	FH04	DVD+R/RW	8X / 4X			*
	DVD 300n	3.20	DVD+R/RW	4X / 2.4X			*
	DVD 200j	1.72	DVD+R/RW	2.4X / 2.4X			*
LG	GSA-4040B	A302	DVD±R/RW/RAM	4X/2.4X	4X/2X	3X	2X
	GSA-4082B	A204	DVD±R/RW/RAM	8X/4X	8X/4X	3X	2X
	GSA-4081B	A101	DVD±R/RW/RAM	8X/4X	4X/2X	3X	2X
	GSA-4120B	A100	DVD±R/RW/RAM	12X/4X	8X/4X	5X	1X , 2X
LITEON	LDW-411S	FS0J	DVD±R/RW	4X/4X	4X/2X		2X
	LDW-811S	HS0Q	DVD±R/RW	8X/4X	4X/2X		2X
	LDW-851S	GS0J	DVD±R/RW	8X/4X	4X/2X		2X
	SOHW-812S	US0M	DVD±R/RW	8X/4X	8X/4X		2X
	SOHW-832S		DVD±R/RW	8X/4X DL 2.4X	8X/4X		
MITSUMI	DW7801TE	1.01	DVD+R/RW	4X/2.4X			*
	DW7872TE	0056	DVD±R/RW	8X/4X	4X/2X		2X
MSI	DR8-M	0416	DVD±R/RW	8X/4X	8X/4X		2X
	DR8-A	150D	DVD±R/RW	8X/4X	4X/2X		2X
NEC	ND-1100A	1.A3	DVD+R/RW	4X/2.4X			*
	ND-1300A	1.0B	DVD±R/RW	4X/2.4X	4X/2X		2X
	ND-5100A	1.20	DVD+R/RW	4X/4X			*
	ND-2500A	1.07	DVD±R/RW	8X/4X	8X/4X		2X
OPTORITE	DD0203	2.50	DVD±R/RW	4X/2.4X	4X/2X		2X
	DD0401	150I	DVD±R/RW	8X/4X	4X/2X		2X
	DD0405	150I	DVD±R/RW	8X/4X	8X/4X		2X
PANASONIC	LFD521	A116	DVD-R/RW/RAM		2X/1X	1X	1x , 2X
	LFM621	F100	DVD-R/RW/RAM		4X/1X	3X	1x , 2X
	UJ811	1.00	DVD-R/RW/RAM		2X/1X	2X	2X
	UJ820	TK9B	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X
	UJ825	D100	DVD±R/RW/RAM	2.4X/2.4X	4X/2X	2X	2X,
PHILIPS	8311	GSD5	DVD+R/RW	4X/2.4X			*
	8401	CX04	DVD+R/RW	8X/4X			*
PIONEER	DVR-103D	2.00	DVD-R/RW		2X/1X		1x , 2X
	DVR-104D	1.40	DVD-R/RW		2X/1X		1x , 2X
	DVR-105D	1.33	DVD-R/RW		4X/2X		1x , 2X
	DVR-106D	1.08	DVD±R/RW	4X/2.4X	4X/2X		1x , 2X
	DVR-107D	1.15	DVD±R/RW	8X/4X	8X/4X		1x , 2X
PLEXTOR	PX-504A	1.02	DVD+R/RW	4X/4X			*
	PX-708A	1.06	DVD±R/RW	8X/4X	4X/2X		1x , 2X , 4X
	PX-712A	1.01	DVD±R/RW	12X/4X	8X/4X		1X, 2X
QSI	DDW082	B373	DVD±R/RW	8X/4X	4X/2X		2X
RICOH	RW8165	1.00	DVD+R/RW	2.4X/2.4X			*
	MP5125A	1.72	DVD+R/RW	2.4X / 2.4X			*
	MP5240A	1.19	DVD+R/RW	4X / 4X			*
	MP5308D	1.B2	DVD±R/RW	8X/4X	8X/4X		2X

SONY	DRU-500A	2.1a	DVD±R/RW	4X/2.4X	4X/2X		1x, 2X
	DRU-510A	1.1a	DVD±R/RW	4X/4X	4X/2X		1x, 2X
	DRU-530A	2.1a	DVD±R/RW	8X/4X	8X/4X		2X
	DRU-700A	VY02	DVD±R/RW	8X/4X DL 2.4X	8X/4X		2X
TDK	DVDRW 0404N	1.0A	DVD±R/RW	4X/2.4X	4X/2X		2X
	DVDRW 840G	1.06	DVD±R/RW	8X/4X	4X/2X		2X
	DVDRW 880G	1.33	DVD±R/RW	8X/4X	8X/4X		2X
TEAC	DV-W22E	1.00	DVD-R/RW/RAM		2X/1X	2X	1X
	DV-W24E	1.0D	DVD±R/RW/RAM	4X/4X	4X/2X	2X	1x, 2X
	DV-W50D	1.07	DVD±R/RW	4X/2.4X	4X/2X		1x, 2X
	DV-W50E	1.30	DVD-R/RW		4X/2X		1X, 2X
	DV-W58D	1.11	DVD±R/RW	8X/4X	8X/4X		1x, 2X
	DV-W58E	0.1A	DVD+R/RW	8X/4X			*
TOSHIBA	DV-W58G	H4S3	DVD±R/RW	8X/4X	4X/2X		2X
	SDR6112	1031	DVD-R/RW		2X/1X		1X, 2X
	SDR6252	1A11	DVD+R/RW	2.4X/2.4X			*
	SDR5272	1030	DVD±R/RW	8X/4X	8X/4X		2X
Test Environment							
CPU : INTEL Pentium2.4 GHz							
RAM : 256MB							
HD : 40GB							
OS : Windows 2000							
Burn software : Nero Burning ROM ver 6.3.1.6							
Burn Image : Vedio Image 4480MB							

	Japan drive manufacture
	Taiwan drive manufacture
	DVD+ drive
	DVD dual drive
	DVD- drive
	New added drive model
	Writing speed constraint