

Newly added Drive / Updated Firmware

Media can be burned and play-back completely with the same writer

Do not support the media as writer max speed

Writing or Playback incompletely

Drive Not Support PRODISC code

### DVD+R Compatibility

Type	Writer	PC Writer	AV Recorder	DVD+R Burner's Max Speed	MID F/W	DVD+R Media Max Speed			
						8X	16X	New Firmware Time	
						R03 03	R04 04		
HLDS		GSA-H22N		18X	1.02	8X	16X	2006-03-03	
		GSA-H42N		18X	RZ26	8X	16X	2006-11-17	
		GSA-H42N		18X	RL00	8X	16X	2007-01-02	
		GSA-H12N		18X	UL02	8X	16X	2007-02-05	
		GSA-H12L		18X	VL02	8X	16X	2007-02-05	
		GSA-4160B		16X	A304	8X	4X	2005-02-18	
		GSA-4160B		16X	A306	8X	8X	2005-08-08	
		GSA-4163B		16X	A106	8X	16X	2006-01-10	
		GWA-4164B		16X	1.00	8X	16X	2005-07-06	
		GSA-4167B		16X	DL13	8X	16X	2006-02-08	
		GSA-H10L		16X	LL12	8X	16X	2007-02-05	
		GSA-H10A		16X	JL05	8X	16X	2007-02-05	
		GSA-H10N		16X	JL12	8X	16X	2007-02-05	
		GSA-H20N		16X	1.02	8X	16X	2007-03-03	
		GSA-H20L		16X	1.02	8X	16X	2007-03-03	
		GSA-4120B		12X	A117	8X	8X	2005-08-03	
		GSA-4081B		8X	A104	8X	4X		
		GSA-4082B		8X	A207	8X	4X		
	GSA-4040B		4X	A304	4X	4X			
HLDS (BUFFALO)		GSA-H12N (DVSM-X1218FB)		18X	UJ12	8X	16X	2006-10-02	
		GSA-4167B (DVSM-X516FB)		16X	DJ13	8X	16X	2006-11-08	
HLDS (I-O DATA)		GSA-H10N (DVR-ABH16G)		16X	JJ11	8X	16X	2006-04-14	
		GSA-4167B (DVR-4167LE)		16X	DJ13	8X	16X	2006-03-16	
HP		DVD940d		18X	3H23	8X	16X	2006-11-01	
		DVD 630c		16X	CH16	8X	16X	2005-03-11	
		DVD640c		16X	CS30	8X	16X	2006-01-11	
		DVD 740I		16X	DC24	8X	16X	2005-09-21	
		DVD 840I		16X	FG66	8X	16X	2005-12-14	
		DVD 400c		8X	KH27	8X	8X		
		DVD 420n		8X	1.33	8X	4X		
		DVD 540b		8X	110I	8X	4X		
		DVD 300n		4X	3.20	4X	4X		
			DVD+-RAM510L v1		16X	MWS7	8X	16X	2006-08-04
MEMOREX		DVD+/-DL4RWID2 (SHOW-1673S)		16X	JWS8	8X	16X	2005-06-08	
		True 8xn		8X	1.G2	8X	4X		
NEC		ND-3500A		16X	2.1B	12X	16X	2006-04-13	
		ND-3520A		16X	3.07	12X	16X	2006-03-06	
		ND-3540A		16X	1.04	12X	16X	2006-03-06	
		ND-3550A		16X	1.06	12X	16X	2006-03-27	
		ND-4550A		16X	1.08	12X	16X	2006-03-27	
		ND-3570A		16X	1.12	12X	16X	2006-08-14	
		ND-4570A		16X	1.03	12X	16X	2006-08-28	
		ND-2500A		8X	1.0B	8X	8X	2006-11-17	
		ND-2510A		8X	2.19	8X	8X	2006-11-17	
		ND-6500A		8X	2.25	8X	8X	2007-02-13	
		ND-1100A		4X	1.A3	4X	4X		
		ND-1300A		4X	1.0B	4X	4X		
	NEC (I-O DATA)		ND-3520A [DVR-ABN16A]		16X	3.24	12X	16X	2006-08-14
			ND-3540A [DVR-UN16D]		16X	1.21	8X	16X	2005-05-06
		ND-3570A [DVR-3570LE]		16X	1.21	12X	16X	2006-04-04	
		ND-4550A [DVR-ABN16R]		16X	1.29	12X	16X	2006-04-14	
		ND-4551A [DVR-ABN16LBK]		16X	1-22	12X	16X	2006-04-14	
		ND-4570A [DVR-4570LE]		16X	1.22	12X	16X	2007-01-02	
PANASONIC		SW-9585		16X	B101	8X	16X	2005-04-26	
		LF-M821		16X	A103	8X	16X	2006-12-26	
		LF-P767		8X	1.01	6X	2.4X	2005-03-11	
		LF-M721		8X	APQ2	4X	4X	2005-11-28	
		SW-9583S		8X	B100	4X	4X		
		SW-9573S		8X	AZM9	4X	4X	2005-05-18	
		UJ-841S		8X	1008	6X	8X→6X	2006-04-17	
		LF-P667		2.4X	1.02	2.4X	2.4X	2006-04-28	
PANASONIC (I-O DATA)		SW-9585S [DVR-ABM16S]		16X	P102	8X	16X	2006-02-10	
		SW-9574S [DVR-ABM16C]		16X	ADX4	8X	16X	2006-02-06	
		SW-9574S [DVR-ABM16C]		16X	AD2Z	8X	16X	2006-02-06	
		SW-9586 [DVR-UM16R]		16X	BDF7	8X	16X	2006-12-29	
		SW-9587S [DVR-ABM16GBK]		16X	P102	8X	16X	2006-04-17	
		UJ-835S		8X	GZM5	6X	2.4X	2005-01-28	

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					8X	16X	New Firmware Time
					R03 03	R04 04	
PHILIPS	DVDR1640P		16X	P3.7	12X	16X	2006-05-19
	DVDR1660P1		16X	P1.5	8X	16X	2006-05-04
	DVDR1660P1		16X	P1.6	8X	16X	2006-10-31
	DVD8401		8X	CX04	8X	8X	
	DVDR824P		8X	P3.3	8X	8X	
	SDVD8311		4X	GSD6	4X	4X	2006-04-28
	DVDRW228		2.4X	1.64	2.4X	2.4X	
PLEXTOR	PX-760A		18X	1.06	8X	16X	2007-01-03
	PX-716A		16X	1.10	8X	16X	2006-08-23
	PX-740A		16X	1.02	8X	16X	2006-01-09
	PX-750A		16X	1.03	8X	16X	2006-08-23
	PX-755A		16X	1.07	8X	16X	2007-01-03
	PX-751A		16X	1.00	8X	16X	2006-11-09
	PX-712A		12X	1.09	8X	12X	2006-05-03
	PX-708A		8X	1.12	8X	8X	2006-05-09
	PX-605A		8X	AKP2	4X	4X	2005-03-18
	PX-504A		4X	1.02	4X	4X	
PIONEER	DVR-112		18X	1.09	8X	12X	2007-01-29
	DVR-108		16X	1.20	8X	16X	2005-04-29
	DVR-109		16X	1.58	8X	12X	2005-08-30
	DVR-110D		16X	1.41	8X	12X	2006-06-06
	DVR-110		16X	1.41	8X	12X	2006-05-26
	DVR-111		16X	1.29	8X	12X	2006-09-05
	DVR-111D		16X	1.29	8X	12X	2006-09-05
	DVR-107D		8X	1.22	8X	4X	2005-10-03
	DVR-106D		4X	1.08	4X	4X	
PIONEER (BUFFALO)	DVR-111D (DVM-RXG16FB )		16X	8.06	8X	12X	2006-02-27
RICOH	MP5316DA		16X	2.BC	12X	16X	2005-03-30
	MP5308D		8X	1.B5	8X	8X	2005-03-30
	MP5240A		4X	1.19	4X	4X	
	MP5125A		2.4X	1.72	2.4X	2.4X	
SAMSUNG	SH-W08A		8X	1S31	8X	8X	
SONY	DRU-830A		18X	SS23	8X	8X	2006-11-24
	DRU-710A		16X	BYX5	6X	16X	2005-10-27
	DRU-720A		16X	JY08	8X	16X	2006-02-07
	DRU-800A		16X	KY06	8X	16X	2005-12-01
	DRU-810A		16X	1.0e	8X	16X	2006-04-12
	DW-Q30A		16X	YYS7	8X	16X	2006-07-26
	DRU-820A		16X	1.0c	8X	16X	2006-09-18
	DW-G120A		16X	MYS6	8X	16X	2006-11-06
	DRU-540A		12X	1.0b	8X	4X	
	DRU-530A		8X	2.1g	8X	4X	
	DRU-700A		8X	VY08	8X	8X	
	DRU-500A		4X	2.1a	4X	4X	
	DRU-510A		4X	1.1a	4X	4X	
	DRU-120A		2.4X	1.64	2.4X	2.4X	
SONY NEC	AD-7170A		18X	1.02	12X	16X	2006-09-19
	AD-5170A		18X	1.11	12X	16X	2006-10-03
SONY NEC (I-O DATA)	AD-7173A (DVR-AN18GL)		18X	1-2B	8X	16X	2006-09-07
TDK	AID+1280B		12X	T7S4	8X	12X	
	DVDRW 840G		8X	1.11	8X	8X	2005-08-22
	DVDRW 880N		8X	1.37	8X	8X	2005-04-12
	DVDRW 0404N		4X	1.0C	4X	4X	
TEAC	DV-W516G		16X	B4S6	8X	16X	
	DV-W516E		16X	1.0F	8X	16X	2006-02-27
	DV-W58G		8X	H4S3	8X	8X	
	DV-W58G		8X	H4S4	8X	2.4X	2004-08-22
	DV-W58D		8X	1.21	8X	4X	2005-03-01
	DV-W50D		4X	1.07	4X	4X	
TEAC (I-O DATA)	DV-W516E (DVR-516LE)		16X	1.0F	8X	16X	2006-01-12
TOSHIBA	SD-R5372		16X	TU56	8X	16X	2005-10-03
	SD-R5272		8X	1031	4X	4X	
	SD-R6252		2.4X	1030	2.4X	-	

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						8X	16X	New Firmware Time
						R03 03	R04 04	
TSST		TS-H652D		18X	CM01	8X	8X	2007-01-17
		SH-S182D		18X	SB04	8X	8X	2006-11-13
		TS-H552B		16X	TS12	8X	12X	2006-05-08
		SH-W162L (TS-H552L)		16X	TS03	8X	8X	2006-05-26
		SH-S162A		16X	TS02	8X	8X	2006-05-26
		SH-S162L		16X	TS06	8X	16X	2006-06-19
		SH-W162C		16X	TS11	8X	12X	2006-03-22
		TS-H552D		16X	CM03	8X	8X	2006-04-10
		TS-H552L		16X	CM01	8X	8X	2006-04-07
		TS-H552L		16X	CM02	8X	8X	2006-04-10
		TS-H542A		12X	TS07	8X	4X	2005-04-08
		TS-L532A		8X	T151	8X	8X	2005-03-23
		TS-L632D		8X	de74	8X	8X	2006-05-26
TSST (BUFFALO)		SDR5372V		16X	BA15	8X	8X	2005-10-31
		TS-H552A		16X	BA57	8X	16X	2005-12-09
		TS-H652L (DVSM-XS516FB)		16X	TI03	8X	16X	2007-01-26
AOPEN		DUX1608/ARR		16X	A110	8X	16X	2005-11-15
		DSW1685L		16X	MTS2	8X	16X	2006-12-06
ASUS		DRW-1814BL		18X	1.10	8X	16X	2007-02-07
		DRW-1814BLT		18X	1.10	8X	16X	2007-02-07
		DRW-1608P		16X	1.59	8X	12X	2006-07-17
		DRW-1608P2		16X	1.41	8X	12X	2006-09-18
		DRW-1608P2S		16X	1.41	8X	12X	2006-09-19
	DRW-1608P3S		16X	1.24	8X	12X	2006-07-10	
BENQ		DW1800		18X	ZB35	8X	16X	2007-02-05
		DW1600		16X	B5G9	12X	16X	
		DW1610		16X	B8V9	12X	16X	2005-04-28
		DW1620		16X	B7W9	12X	16X	2005-09-05
		DW1625		16X	BBIA	8X	16X	2005-09-02
		DW1640		16X	BSRB	8X	16X	2006-06-29
		DW1655		16X	BCIB	8X	16X	2006-09-05
		DQ60		16X	MREC	8X	16X	2005-12-29
		DW1670		16X	103	8X	16X	2006-09-05
		DW1680		16X	RB33	8X	16X	2006-11-28
		DW800A		8X	B2L7	8X	8X	
		DW830A		8X	B4C8	8X	8X	
		Dual DW800A		8X	B3C7	8X	8X	
		DW400A		4X	B1MY	4X	4X	
	BTC		DVDRW 1016IM		16X	A187	8X	16X
		DVDRW 1008 IM		8X	0060	8X	4X	2005-04-13
		DVDRW 1108 IM		8X	B430	8X	8X	2005-04-13
		DVDRW 1004 IM		4X	0251	4X	4X	2005-04-13
CYBER		DX162D-A		16X	151F	12X	16X	2005-04-07
		DX082D		8X	150B	8X	8X	
LITE-ON		LH-20A1P		20X	KL05	8X	16X	2007-01-18
		LH-20A1H		20X	LL06	8X	16X	2007-03-02
		LH-20A1S		20X	9L02	8X	16X	2007-03-02
		LH-18A1P		18X	GL0F	8X	16X	2007-01-29
		SOHW-1613S		16X	AS06	8X	16X	2005-03-11
		SOHW-1633S		16X	BS0Y	8X	16X	2005-12-30
		SOHW-1653S		16X	CS09	8X	16X	
		SOHW-1653S		16X	CS0T	6X	16X	2005-12-28
		SOHW-1673S		16X	JS0D	8X	16X	2005-10-26
		SOHW-1693S		16X	KS0B	8X	16X	2005-10-17
		SHW-1635S		16X	YS0Z	8X	16X	2006-07-03
		SHW-16H5S		16X	LS0W	8X	16X	2006-03-29
		SHM-165P6S		16X	MS0R	12X	16X	2006-12-20
		SHM-165H6S		16X	HS0E	8X	16X	2006-09-11
		SOHW-1213S		12X	TS0J	8X	12X	2005-12-28
		LDW-811S		8X	HS0R	8X	2.4X	
		LDW-851S		8X	GS0P	8X	8X	
		SOHW-812S		8X	US0S	8X	8X	2005-09-14
		SOHW-832S		8X	VS0M	8X	8X	2005-12-29
		LDW-411S		4X	FS0K	4X	2.4X	
MSI		DR16-B2		16X	M1.6	12X	16X	
		DR16-B2		16X	M2.1	12X	16X	2005-03-25
		DR8-A		8X	150D	8X	4X	
NU		DDW-165		16X	GSHB	8X	16X	2005-09-13
		DDW-163		16X	G7V9	12X	16X	2005-05-16

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Writer Type	PC Writer	AV Recorder	DVD+R Burner's Max Speed	MID F/W	DVD+R Media Max Speed		
					8X	16X	New Firmware Time
					R03 03	R04 04	
OPTORITE	DD1601		16X	16AF	8X	16X	
	DD1205		12X	120e	8X	4X	
	DD1203		12X	120E	8X	4X	
	DD0401		8X	160E	8X	4X	
	DD0405		8X	160E	8X	4X	
	DD0203		4X	2.50	4X	2.4X	
PANASONIC		DMR-EH55	16X (200GB)		8X	8X	2006-07-10
		DMR-EH60	8X (300GB)		4X	4X	2005-05-24
PHILIPS		DVDR890	1X		1X	1X	
		DVDR75	1X		1X	1X	
PIONEER		DVR-RT50H	16X (160GB)		8X	8X	2006-07-10
		DVR-541H	16X (160GB)		8X	8X	2007-03-01
SONY		RDR-HX70	8X (250GB)		8X	4X	2005-05-03
		RDR-HX90	8X (250GB)		8X	4X	2005-11-07
LITE-ON		LVW-5005	1X		1X	1X	

Test Environment  
 CPU : INTEL Pentium2.4 GHz  
 RAM : 512MB  
 HD : 60 GB  
 OS : Windows XP  
 Burn software : Nero Burning ROM ver7.5.9.0  
 Burn Image : Video Image 4.41GB