



2008-03-12

Newly added Drive / Updated Firmware		CD-R Compatibility						
Do not support the media as writer max speed								
Writer Type	PC Writer	CD-R Burner's Max Speed	MID F/W	48X CD-R Media Max Speed		52X CD-R Media Max Speed		
				nero choose speed	actual max speed	nero choose speed	actual max speed	
HLDS	GCC-4521B	52X	1.07	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	GCE-8525B	52X	1.05	8,12,16,24,32,40,48,52	52X	8,12,16,24,32,40,48,52	48X	
LG	GCE-8520B	52X	1.04	8,12,16,24,32,40,48	48X	8,12,16,24,32,40,48	48X	
	GCE-8480B	48X	1.06	8,12,16,24,32,40,48	48X	8,12,16,24,32,40,48	48X	
MITSUMI	CR-485FTE	54X	7.0E	8,16,32,40,48,54	48X	8,16,32,40,48,54	52X	
	CR-487ETE	52X	0019	8,16,20,24,32,40,48	48X	8,16,20,24,32,40,48,52	52X	
NEC	NR-9300A	48X	2.12	4,8,16,24,32,40,48	48X	4,8,16,24,32,40,48	48X	
	PX-W5224A	52X	1.03	4,8,16,20,24,32,40,52	52X	4,8,16,20,24,32,40,52	52X	
PLEXTOR	PREMIUM	52X	1.07	4,8,16,20,24,32,40,52	52X	4,8,16,20,24,32,40,52	52X	
	PREMIUM II	52X	1.01	-	-	2,4,8,16,20,24,32,40,48,52	52X	
	PX-230A	52X	1.01	-	-	4,8,12,16,24,32,40,48,52	52X	
	PX-W4824TA	48X	1.06	4,8,12,16,20,24,32,40,48	48X	4,8,16,20,24,32,40,48	48X	
RICOH	PX-W5224A	52X	1.03	4,8,16,20,24,32,40,52	48X	4,8,16,20,24,32,40,52	52X	
	MP7520A	52X	1.25	8,16,24,32,40,48,52	48X	8,16,24,32,40,48,52	52X	
Samsung	MP7400A	40X	R107	8,12,16,20,24,32,40	40X	8,12,16,20,24,32,40	40X	
	SW-252B	52X	R704	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	SM-352B	52X	T809	8,16,24,32,40,48,52	48X	8,16,24,32,40,48,52	52X	
SONY	SW-248B	48X	R503	4,8,16,24,32,40,48	48X	4,8,16,24,32,40,48	48X	
	CRX220E1	52X	6YS1	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	CRX230E	52X	QYS3	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CRX-320EE	52X	RYK4	-	-	12,16,24,32,40	40X	
TDK	CRX215E1	48X	SYS2	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
	CD-RW4800B	48X	S7S9	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
TEAC	CD-RW5201B	52X	Q7B2	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CD-W552E	52X	1.14	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CD-W552D	52X	1.01	4,8,12,16,24,32,40,48	48X	4,8,16,24,32,40,48,52	52X	
	DW-552G	52X	N4K1	4,8,12,16,20,24,32,40,48	48X	4,8,12,16,20,24,32,40,48,52	52X	
TSST	CD-W548E	48X	1.05	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40	40X	
	TS-H292C	52X	HP01	-	-	8,16,24,32,40	40X	
	TS-H492C	52X	SC02	-	-	8,16,24,32	32X	
Traxdata	TS-H492C	52X	HP04	-	-	8,16,24,32,40,48	48X	
	CDR-6S52	52X	6SG1	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	MS-8352A	52X	190D	8,12,16,20,24,32,40,48,52	48X	8,12,16,20,24,32,40,48,52	52X	
A-OPEN	CRW-5224	52X	1.08	8,12,16,24,32,40,48,52	48X	8,12,16,24,32,40,48,52	52X	
	COM5232	52X	1.12	4,8,12,16,24,32,40	40X	4,8,12,16,24,32,40,48	48X	
	CRW-4850	48X	1.04	8,12,24,32,40,48	48X	8,12,24,32,40,48	48X	
ULTIMA / Artec	WRR-52X	52X	1.25	8,16,24,32,40,48,52	48X	8,16,24,32,40,48,52	52X	
	WRR-4848	48X	1.08	8,12,16,20,24,32,40,48	40X	8,12,16,20,24,32,40,48	40X	
	WSM-YG52	48X	1.2	2,4,8,12,16,20,24,32,40,48	48X	2,4,8,12,16,20,24,32	32X	
Asus	CRW-5224A	52X	1.4	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CRW-5232AS	52X	1.03	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CRW-5232AX	52X	0.57	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	CRW-4816A	48X	1.13	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
BenQ	CD-RW 52X24	52X	K.UC	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	CRW-5232W	52X	Y.RS	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
BTC	CD-RW 48X16	48X	A.YZ	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
	BCE 5224IM	52X	001W	8,16,20,24,32,40,48	48X	8,16,20,24,32,40,48,52	52X	
	BCE 5232IM	52X	000F	8,16,24,32,40,48	48X	8,16,24,32,40,48,52	52X	
CYBER	BCE 4816IM	48X	482S	8,16,20,24,32,40,48	48X	8,16,20,24,32,40,48	48X	
	CW 099D	52X	140M	4,8,12,16,20,24,32,40,48	48X	4,8,12,16,20,24,32,40,48,52	52X	
GIGABYTE	CW 088D	48X	120F	4,8,12,16,20,24,28,32,36,40,48	48X	4,8,12,16,20,24,28,32,36,40,48	48X	
	GO-R5232A	52X	QSY5	4,8,12,16,20,24,32,40,48	48X	4,8,12,16,20,24,32,40,48,52	52X	
LITE-ON	LTR-52246S	52X	6S0F	4,8,12,16,24,32,40,48,52	52X	4,8,12,16,24,32,40,48,52	52X	
	LTR-52327S	52X	QS0E5A	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	SOHR-5238S	52X	4S09	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48,52	52X	
	SOHC-5236V	52X	R\$0B	12,16,24,32,40,48	48X	12,16,24,32,40,48,52	52X	
	SOHR-5239V	52X	2\$0E	-	-	12,16,24,32,40,48,52	52X	
	SOHC-5235K	52X	LK06	-	-	12,16,24,32,40,48,52	52X	
	LTR-48126S	48X	2S0G	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
	LTR-48246S	48X	SS0E	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
	COMBO	48X	KH0R	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,32,40,48	48X	
	LTR-48161H	48X	JK0N	4,8,12,16,20,24	24X	4,8,12,16,20,24	24X	
MSI	LSC-24082K	24X	JK0N	4,8,12,16,20,24	24X	4,8,12,16,20,24	24X	
	MS-8352A	52X	2.1	4,8,12,16,24,32,40,48	48X	4,8,12,16,24,28,32,40,48,52	52X	
	MS-8352M	52X	3.70	8,12,16,20,24,32,40,48,52	48X	4,8,12,16,24,32,40,48,52	52X	
OPTORITE	MS-8448M	48X	1.50	8,16,24,32,40,48	48X	8,16,24,32,40,48	48X	
	CW5201	52X	220E	8,12,16,20,24,32,40,48,52	48X	8,12,16,20,24,32,40,48,52	52X	
YAMAHA	CRW-F1E	44X	1.0g	1,4,8,16,44	44X	1,4,8,16,44	44X	

Test Environment  
 CPU : INTEL Pentium2.4 GHz  
 RAM : 512MB  
 HD : 60 GB  
 OS : Windows XP  
 Burn software : Nero Burning ROM ver7.8.5.0  
 Burn Image : Video Image 700MB



2008-03-12

Newly added Drive / Updated Firmware			40X Music CD-R Compatibility		
<b>Do not support the media as writer max speed</b>					
Writer Type	PC Writer	CD-R MAX Speed	MID F/W	40X Music CD-R Media Max Speed	
				nero choose speed	actual max speed
PLEXTOR HLDS	PX-W5224A	40X	1.03	4,8,16,20,24,32,40,52	40X
	GCC-4521B	40X	1.07	4,8,16,24,32,40,48,52	40X
	GCE-8525B	40X	1.05	4,8,12,16,24,32	32X
LG	GCE-8480B	40X	1.06	8,12,16,24,32	32X
	GCE-8520B	40X	1.04	8,12,16,24,32	32X
MITSUMI	CR-487ETE	40X	0019	8,16,20,24,32,40,48	16X
	CR-485FTE	40X	7.0E	8,16,32,40,48,54	40X
NEC	NR-9300A	40X	2.12	8,16,24,32	32X
PLEXTOR	PX-W4824TA	40X	1.06	4,8,16,20,24,32,40,48	40X
	PREMIUM	40X	1.05	4,8,16,20,24,32,40,52	40X
	PREMIUM	40X	1.06	4,8,16,20,24,32,40,52	40X
RICOH	MP7520A	40X	1.25	8,16,24,32,40,48,52	40X
Samsung	SW-248B	40X	R503	4,8,16,24,32,40,48	40X
	SW-252B	40X	R704	4,8,12,16,24,32,40,48,52	40X
	SM-352B	40X	T809	8,16,24,32,40,48	40X
SONY	CRX215E1	40X	SYS2	4,8,12,16,24,32,40	40X
	CRX220E1	40X	6YS1	4,8,12,16,24,32,40	40X
	CRX230E	40X	QYS3	4,8,12,16,24,32,40	40X
TEAC	CD-W548E	40X	1.05	4,8,12,16,24,32,40	40X
	CD-W552E	40X	1.14	4,8,12,16,24,32,40	40X
	CD-W552D	40X	1.01	4,8,16,24,32,40	40X
	DW-552G	40X	N4K1	4,8,12,16,24,32,40	40X
TDK	CD-RW4800B	40X	S7S9	4,8,12,16,24,32,40	40X
	CD-RW5201B	40X	Q7B2	4,8,12,16,24,32,40	40X
YAMAHA	CRW-F1E	40X	1.0g	1,4,8,16,44	8X
Asus	CRW-4816A	40X	1.13	4,8,12,16,24,32,40	24X
	CRW-5224A	40X	1.4	4,8,12,16,24,32,40	40X
	CRW-5232AS	40X	1.03	4,8,16,24,32,40	40X
	CRW-5232AX	40X	0.57	4,8,12,16,24,32,40	40X
A-OPEN	CRW-4850	40X	1.04	8,12,24,32,40	40X
	CRW-5224	40X	1.08	8,12,16,24,32,40	40X
	COM5232	40X	1.12	4,8,12,16,24,32,40,48,52	52X
BenQ	CD-RW 48X16	40X	A.YZ	4,8,12,16,24,32,40	40X
	CD-RW 52X24	40X	K.UC	4,8,12,16,24,32	32X
	CRW-5232W	40X	Y.RS	4,8,12,16,24,32,40	40X
BTC	BCE 4816IM	40X	482S	8,16,20,24,32,40,48	40X
	BCE 5224IM	40X	001W	8,16,20,24,32,40,48	40X
	BCE 5232IM	40X	000F	8,16,24,32,40,48	48X
CYBER	CW 088D	40X	120F	4,8,12,16,20,24,28,32,36,40	40X
	CW 099D	40X	140M	4,8,12,16,20,24,32,40	40X
GIGABYTE	GO-R5232A	40X	QSY5	4,8,12,16,20,24,32,40	40X
LITE-ON	LTR-48161H	40X	KHOR	4,8,12,16,24,32,49	40X
	LTR-48246S	40X	SS0E	4,8,12,16,24,32,40	40X
	LTR-52327S	40X	QS0E5A	4,8,12,16,24,32,40	40X
	SOHR-5238S	40X	4S07	4,8,12,16,24,32,40	40X
MSI	MS-8448M	40X	1.50	8,16,24,32,40	40X
	MS-8352A	40X	2.1	4,8,12,16,24,32,40	40X
	MS-8352M	40X	3.70	4,8,12,16,24,32,40	40X
OPTORITE	CW5201	40X	220E	8,12,16	16X
Traxdata	CDR-6S52	40X	6SG1	4,8,12,16,24,32,40	40X
	MS-8352A	40X	190D	8,12,16,20,24,32,40	40X
ULTIMA / Artec	WRR-4848	40X	1.08	8,12,16	16X
	WRR-52X	40X	1.25	8,16,24,32,40,48,52	40X
PHILIPS	CDR 778	2X		1,2	1X, 2X
	CDR 785	2X		1,2	1X, 2X

Test Environment

CPU : INTEL Pentium2.4 GHz

RAM : 512MB

HD : 60 GB

OS : Windows XP

Burn software : Nero Burning ROM ver7.8.5.0

Burn Image : Music Image 700MB



2008-03-12

Newly added Drive / Updated Firmware

Do not support the media as writer max speed

Color CD-R Compatibility

Writer Type	PC Writer	CD-R Max Speed	F/W	MID	48X Color CD-R Media Max Speed						
					nero choose speed	Black	Blue	Purple	Orange	Red	Super Blue
PLEXTOR	PX-W5224A	52X	1.03	4,8,12,16,24,32,40,52	48X	48X	48X	48X	48X	48X	48X
	PREMIUM	52X	1.05	4,8,16,20,24,32,40,52	48X	48X	48X	48X	48X	48X	48X
	PREMIUM	52X	1.06	4,8,16,20,24,32,40,52	40X	40X	40X	40X	40X	40X	40X
HLDS	GCC-4521B	48X	1.07	4,8,12,16,24,32,40,48,52	52X	52X	52X	52X	52X	52X	52X
	GCE-8525B	48X	1.05	8,12,16,24,32,40,48,52	48X	48X	48X	48X	48X	48X	48X
LG	GCE-8480B	48X	1.06	8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	GCE-8520B	48X	1.04	8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
NEC	NR-9300A	48X	2.12	4,8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
PLEXTOR	PX-W4824TA	48X	1.06	4,8,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
RICOH	MP7520A	48X	1.25	8,16,24,32,40,48,52	48X	48X	48X	48X	48X	48X	48X
Samsung	SW-248B	48X	R503	4,8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	SW-52B	48X	R704	4,8,12,16,24,32,40,48,52	52X	52X	52X	52X	52X	52X	52X
	SM-352B	48X	T809	8,16,24,32,40,48,52	48X	48X	48X	48X	48X	48X	48X
SONY	CRX215E1	48X	SYS2	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CRX220E1	48X	6YS1	4,8,12,16,24,32,40,48,52	48X	48X	48X	48X	48X	48X	52X
	CRX230E	48X	QYS3	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
TEAC	CD-W548E	48X	1.05	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CD-W552E	48X	1.14	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CD-W552D	48X	1.01	4,8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
TDK	DW-552G	48X	N4K1	4,8,12,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CD-RW4800B	48X	S7S9	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
Asus	CD-RW5201B	48X	Q7B2	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CRW-4816A	48X	1.13	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CRW-5224A	48X	1.4	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
A-OPEN	CRW-5232AS	48X	1.03	4,8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CRW-5232AX	48X	0.57	4,8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CRW-4850	48X	1.04	8,12,24,32,40,48	40X	48X	48X	48X	48X	48X	48X
BenQ	CD-RW-4850	48X	1.08	8,12,16,24,32,40,48,52	52X	52X	52X	52X	52X	52X	52X
	COM5232	48X	1.12	4,8,12,16,24,32,40	40X	40X	40X	40X	40X	40X	40X
	CD-RW 48X16	48X	A.YZ	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
BTC	CD-RW 52X24	48X	K.UC	4,8,12,16,24,32,40,48,52	52X	52X	52X	52X	52X	52X	52X
	CRW-5232W	48X	Y.RS	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	BCE 4816IM	48X	482S	8,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
CYBER	BCE 5224IM	48X	001W	8,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	16X
	BCE 5232IM	48X	000F	8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CW 088D	48X	120F	4,8,12,16,20,24,28,32,40,48	48X	48X	48X	48X	48X	48X	48X
GIGABYTE	CW 099D	48X	140M	4,8,12,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	GO-R5232A	48X	QSY5	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	LTR-48161M	48X	KHOR	8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
LITE-ON	LTR-48246S	48X	SS0E	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	LTR-52327S	48X	QS0E5A	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	SOHR-5238S	48X	4S07	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
MSI	CR-487ETE	48X	0019	8,16,20,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CR-485FTE	48X	7.0E	8,16,32,40,48,54	54X	48X	40X	54X	54X	48X	48X
	MS-8448M	48X	1.50	8,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
OPTORITE	MS-8352A	48X	2.1	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	MS-8352M	48X	3.70	4,8,12,16,24,32,40,48	48X	48X	48X	48X	48X	48X	48X
	CW5201	48X	220E	8,12,16,20,24,32,40,48,52	48X	48X	48X	48X	48X	48X	48X
Traxdata	CDR-6S52	48X	6SG1	4,8,12,16,24,32,40,48,52	48X	48X	48X	48X	48X	48X	48X
	MS-8352A	48X	190D	8,12,16,20,24,32,48,52	48X	48X	48X	48X	48X	48X	48X
	WRR-4848	48X	1.08	8,12,16,20,24,32,40,48	40X	NG	40X	40X	40X	40X	40X
YAMAHA	WRR-52X	48X	1.25	8,16,24,32,40,48,52	48X	NG	48X	48X	48X	48X	48X
	CRW-F1E	44X	1.0g	1,4,8,16,44	44X	44X	44X	44X	44X	44X	44X

Test Environment  
 CPU : INTEL Pentium2.4 GHz  
 RAM : 512MB  
 HD : 60 GB  
 OS : Windows XP  
 Burn software : Nero Burning ROM ver7.8.5.0  
 Burn Image : Video Image 700MB