

OPTODISC FUNCTION TEST REPORT

TESTING DATE

July 20 V1, 2004

PRODUCTS

drive Spec.

drive Spec.

drive Spec.

Highest

Highest

Highest

WRTE SPEED

READ SPECIFICATION

speed

speed

speed

Recorder	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM
Apex 9000		1x				OK	OK	OK	OK			2.4x			
JVC M1	1x		1x								1x			2x	
JVC MH5	1x		1x								1x			2x	
Lite-On LVW-5001		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Lite-On LVW-5005	1x	1x	1x	1x		OK	OK	OK	OK		2x	2.4x	2x	2.4x	
Mustek R100A		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Mistubishi E500	4 x		1x								4x		1x		
Mistubishi E600`	4 x		1x								4x		1x		
Panasonic DMR-HS2	1x				2x	OK	OK	OK	OK	OK	1x				2x
Panasonic DMR-E50	1x				2x	OK	OK	OK	OK	OK	1x				2x
Panasonic DMR-E30	1x				2x	OK	OK	OK	OK	OK	1x				2x
Panasonic DMR-E20	1x				2x	OK	OK	OK	OK	OK	1x				2x
Panasonic DMR-E100H	1-4x				2-3x	OK	OK	OK	OK	OK	4x				3x
Panasonic DMR-E200H	1-4x				2-3x	OK	OK	OK	OK	OK	4x				3x
Philips DVDR- 1000		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Philips DVDR- 985		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Philips DVDR- 890		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Philips DVDR-70		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Philips DVDR-75		1x		1x		OK	OK	OK	OK			2.4x		2.4x	
Pioneer DVR 7000	1x		1x			OK	OK	OK	OK		1x		1x		
Pioneer DVR 3000	1x		1x			OK	OK	OK	OK		1x		1x		
Pioneer DVR 1000	1x		1x			OK	OK	OK	OK		1x		1x		
Pioneer 310S	1x		1x			OK	OK	OK	OK		1x		1x		
Pioneer DVR 77H	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Pioneer DVR 99H	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Pioneer DVR 510H	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Pioneer DVR 515H	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Pioneer DVR 520H	1-4x		1-2x			OK	OK	OK	OK		8x		4x		
SHARP DV-HRD1	1x		1x			OK	OK	OK	OK		1x		1x		
SHARP DV-HRD2	1x		1x			OK	OK	OK	OK		1x		1x		
SHARP DV-HRD10	1x		1x			OK	OK	OK	OK		1x		1x		
SHARP DV-HRD350	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Sony RDR-A11	1x		1x			OK	OK	OK	OK		1x		1x		
Sony RDR-GX7	1x		1x	1x		OK	OK	OK	OK		1x		1x	2.4x	
Sony RDR-HX10	1-4x		1-2x	1-2.4x		OK	OK	OK	OK		4x		2x	2.4x	
Sony PSX	1-4x		1-2x	1-2.4x		OK	OK	OK	OK		4x		2x	2.4x	
Toshiba RD-X1	1x				2x	OK	OK	OK	OK	OK	1x				2x
Toshiba RD-X3	1x				2x	OK	OK	OK	OK	OK	1x				2x
Toshiba RD-XS1	1x				2x	OK	OK	OK	OK	OK	1x				2x
Toshiba RD-XS40	1x				2x	OK	OK	OK	OK	OK	1x				2x
Toshiba RD-XS32	1-2x		1-2x		2x	OK	OK	OK	OK	OK	4x		2x		2x
Toshiba RD-XS41	1-2x		1-2x		2x	OK	OK	OK	OK	OK	4x		2x		2x
Recordable DRIVE	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM
Pioneer A03	1x		1x			OK	OK	OK	OK		2x		1x		
Pioneer A04	1-2x		1-2x			OK	OK	OK	OK		2x		1x		
Pioneer A05	1-4x		1-2x			OK	OK	OK	OK		4x		2x		
Pioneer A06	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x	
Pioneer A07	1-4x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x	
Pioneer SK11B (slim)	1-2x		1-2x			OK	OK	OK	OK		2x		2x		
LG-Hitachi 4020	1-2x		1x		2x	OK	OK	OK	OK	OK	2x		1x		2x
LG-Hitachi 4040	1-4x	2.4-4x	1-2x	2.4x	2-3x	OK	OK	OK	OK	OK	4x	4x	2x	2.4x	3x

LG-Hitachi 4081B	1-4x	2.4-4x	1-2x	2.4-4x	2-3x	OK	OK	OK	OK	OK	4x	8x	2x	4x	3x	
LG-Hitachi 4082 B	1-4x	2.4-4x	1-2x	2.4-4x	2-3x	OK	OK	OK	OK	OK	8x	8x	4x	4x	3x	
LG-Hitachi 4120 B	1-4x	2.4-4x	1-2x	2.4-4x	2-3x	OK	OK	OK	OK	OK	8x	12x	4x	4x	5x	
Sony DRU-500A	1-4x	2.4-4x	1-2x	2.4X		OK	OK	OK	OK		4x	4x	2x	2.4x		
Sony DRU-500ULX	1-4x	2.4-4x	1-2x	4x		OK	OK	OK	OK		4x	4x	2x	4x		
Sony DRU-510A	1-4x	2.4-4x	1-2x	4x		OK	OK	OK	OK		4x	4x	2x	4x		
Sony DRU-530 A	1-4x	2.4-4x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Sony DRU-700 A	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Samsung W08	1-8x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Ricoh 5120				2.4x		OK	OK	OK	OK					2.4x		
Ricoh 5125		2.4x		2.4x		OK	OK	OK	OK			2.4x		2.4x		
Ricoh 5240		2.4-4x		4x		OK	OK	OK	OK			4x		4x		
Ricoh MP5308D (NEC ND-2500 OEM)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		8x	8x	4x	4x		
Plextor PX504A		2.4x		2.4x		OK	OK	OK	OK			4x		2.4x		
Plextor 708A	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
Philips 8301		2.4-4x		2.4x		OK	OK	OK	OK			4x		2.4x		
Philips 8401		2.4-8x		2.4-4x		OK	OK	OK	OK			8x		4x		
TDK 420N (NEC 1100)		2.4x		2.4x		OK	OK	OK	OK			4x		2.4x		
TDK 440N (NEC 1300)	1.4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
TDK 840G (Plextor 708A)	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
TDK 880N (NEC 2500)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		8x	8x	4x	4x		
Panasonic LF-D311	1x				2x	OK	OK	OK		OK	1x				2x	
Panasonic LF-D210					2x	OK	OK	OK		OK					2x	
Panasonic LFD-521(9571)	1-2x		1x		2x	OK	OK	OK	OK	OK	2x		1x		2x	
Panasonic LF-D621	1-4x		1x		2-3x	OK	OK	OK	OK	OK	4x		1x		3x	
Panasonic LF-P667	1-2x		2x		2-3x	OK	OK	OK	OK	OK	4x		2x		3x	
Panasonic SW-9583	1-4x	2.4-4x	1-2x	2.4-4x	2-3x	OK	OK	OK	OK	OK	8x	8x	4x	4x	3x	
NEC ND-1000		2.4x		2.4x		OK	OK	OK	OK			2.4x		2.4x		
NEC ND-1100		2.4x		2.4x		OK	OK	OK	OK			4x		2.4x		
NEC ND-1300	1-4x	2.4-4x	1-2z	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
NEC ND-2500	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		8x	8x	4x	4x		
Toshiba 5002	1x		1x			OK	OK	OK	OK		1x		1x			
Toshiba SD-R5112	1x		1-2x			OK	OK	OK	OK		4x		2x			
Toshiba SD-R5272	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Toshiba SD-R6012	1x		1x			OK	OK	OK	OK		1x		1x			
Toshiba SD-R6112	1-2x		1x			OK	OK	OK	OK		2x		1x			
Toshiba W2002					1x	OK	OK	OK	OK							1x
Samsung SH-W08A (OEM Toshiba SD-R5)	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
TEAC DV-W50E (Pioneer)	1-4x		1-2x			OK	OK	OK	OK		4x		2x			
TEAC DV-58G (OEM Lite-On LDW 812S)	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
HP DVD300Xi		2.4-4x		2.4x		OK	OK	OK	OK			4x		2.4x		
HP DVD400i		2.4-8x		2.4-4x		OK	OK	OK	OK			8x		4x		
HP 420i (NEC ND-2500 OEM)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		8x	8x	4x	4x		
MITSUMI DW-7801TE (NEC 1100)		2.4x		2.4x		OK	OK	OK	OK			4x		2.4x		
MITSUMI 7872TE (BTC 1008 IM)	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
Asus (Pioneer A07 OEM)	1-4x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Aopen 4410		2.4-4x		4x		OK	OK	OK	OK			4x		4x		
Aopen 8800 (NEC 2500)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	8x	2x	4x		
Artec 8x4x12	1-4x	2.4-8x	2.4x	2.4-4x		OK	OK	OK	OK		4x	8x	2.4x	4x		
BenQ DW 400A		2.4-4x		2.4x		OK	OK	OK	OK			4x		2.4x		
BenQ DW 800A	2.4x	2.4-8x	2.4x	2.4-4x		OK	OK	OK	OK		2.4x	8x	2.4x	4x		
BenQ DW 822A	1-4x	2.4-8x	2.4x	2.4-4x		OK	OK	OK	OK		4x	8x	2.4x	4x		
BenQ DW 830A	1-4x	2.4-8x	2.4x	2.4-4x		OK	OK	OK	OK		4x	8x	2.4x	4x		
BenQ DW 1600A		2.4-16x		2.4-4x		OK	OK	OK	OK			16x		4x		
Lite-On LDW-400D	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
Lite-On LDW 411S	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		4x	4x	2x	4x		
Lite-On LDW 811S	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
Lite-On LDW 851S	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		

Lite-On LDW 812S	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Lite-On LDW 832S	1-4x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Lite-On LDW 1213S	1-4x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	12x	4x	4x		
Accesstek DD0201 (MSI DR4-A)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
Accesstek 0203 (Sanyo CRD-BPDV2)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
Accesstek DD0401 (Sanyo CRD-BPDV3)	1-8x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	2x	4x		
Accesstek DD0405	1-8x	2.4-8x	1-2x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Accesstek DD1203	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		8x	12x	4x	4x		
BTC 1004 IM	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	4x		
BTC 1008 IM	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
BTC 1108 IM	1-8x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		8x	8x	4x	4x		
Nu Tech DDW-081	1-4x	2.4-8x	1-4x	2.4-4x		OK	OK	OK	OK		4x	8x	4x	4x		
RiData RDA-08041 (Nu Tech DDW-081)		2.4-8x		2.4-4x		OK	OK	OK	OK			8x		4x		
Cyber Drive DX082		2.4-8x		2.4-4x		OK	OK	OK	OK			8x		4x		
CyQ've 3080(Accesstek DD0401)	1-4x	2.4-4x	1-2x	2.4-4x		OK	OK	OK	OK		4x	8x	2x	4x		
iOMEGA (NEC-1300)	1-4x	2.4-4x	1-2x	2.4x		OK	OK	OK	OK		4x	4x	2x	2.4x		
DVD-ROM	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM	PLAYBACK				PLAYBACK	
Panasonic 8588B 16X						OK	OK	OK	OK	OK						
A-Open 1648 16X						OK	OK	OK	OK							
A-Open 164LKY 16X						OK	OK	OK	OK							
Sony DDU 1621 16X						OK	OK	OK	OK							
Asus E616 16X						OK	OK	OK	OK							
BenQ 16X						OK	OK	OK	OK							
BTC 16X						OK	OK	OK	OK							
EPO 16X						OK	OK	OK	OK							
TriLex 16X						OK	OK	OK	OK							
4KUS SMART-X 16X						OK	OK	OK	OK							
Liteon DRH-030 16X						OK	OK	OK	OK							
MSI D16 16X						OK	OK	OK	OK							
Pioneer DVD-120 16X						OK	OK	OK	OK							
TEAC DV-516E 16X						OK	OK	OK	OK							
Genuine GD5016B 16X						OK	OK	OK	OK							
LEMEL LDV 1648L 16X						OK	OK	OK	OK							
JLMS XJ-HD66S 16X						OK	OK	OK	OK							
DVD Player	-R	+R	-RW	+RW	-RAM	-R	+R	-RW	+RW	-RAM	PLAYBACK				PLAYBACK	
Apex AD-3201						OK	OK	OK	OK							
Koss KD250						OK	OK	OK	OK							
Go_Video 750						OK	OK	OK	OK							
TOSHIBA SD-2550						OK	OK	OK	OK							
JVC XV-E100						OK	OK	OK	OK							
BlueSky DVD-901						OK	OK	OK	OK							
SANYO SC22K						OK	OK	OK								
DVD info DVA913						OK										
TECO TD 2018VK						OK	OK									
SAMPO DVB-A28K						OK	OK	OK	OK							