

MasterList CD version 2.4 Compatible CD Recorders Specification Grid



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Manufacturer	Model	Write speed	Rewritable Capability Media (see 20)	Buffer Size/MegaBytes	Disc-at-Once Write Mode	Track-at-Once Write Mode (see 4)	Variable 1st Track Number	Begin/End Access Point Offsets	Number of Tracks	No. of Index Points per Track	Limit of PQ subcode changes per CD	Writes Catalog Code	Writes ISRC Code	Writes Copy Prohibit	Writes Emphasis	Writes SCMS	Tested Firmware	Requires LSB First (for Image Model)	Recommended by Digidesign +
Hewlett Packard	SureStore 6020i/6020es	1x,2x		1M	*	*	*	1 to 99	0 to 99	see (16)	*	*	*	*	*		1.07	*	*
Hewlett Packard	CD R 4020i	1x,2x		1M	*	*	*	1 to 99	0 to 99	200	*	see (12)	*	*	*		1.25(1)	*	*
JVC	XRW-2010	1x,2x		1M	*	*	*	1 to 99	0 to 99	395	*	*	*	*	*		1.35	*	*
JVC	XR-W2001/S201	1x,2x		1M	*	*	*	1 to 99	0 to 99	400	*	*	*	*	*		2.35	*	*
Kodak	PCD-225	1x,2x		2-32M	*	*	*	1 to 99	0 to 99 (10)	see (5)	*	see (9)	*	*	*		1.05/1.07	*	*
Marantz	CDR-620	1x,2x		1M	*	*	*	1 to 99	0 to 99	200	*	see (12)	*	*	*		1.25 (1)	*	*
Philips	CDD-2600	1x,2x		1M	*	*	*	1 to 99	0 to 99	see (16)	*	*	*	*	*		1.07	*	*
Philips	CDD-2000	1x,2x		1M	*	*	*	1 to 99	0 to 99	200	*	see (12)	*	*	*		1.25 (1)	*	*
Philips	CDD-522	1x,2x		2-32M	*	*	*	1 to 99	0 to 99 (10)	see (5)	*	see (9)	*	*	*		1.04/1.07	*	*
Pinnacle Micro	RCD-5040	1x,2x		1M	*	*	*	1 to 99	0 to 99	395	*	*	*	*	*		1.35	*	*
Pinnacle Micro	RCD-1000	1x,2x		1M	*	*	*	1 to 99	0 to 99	400	*	*	*	*	*		2.35 (11)	*	*
Pinnacle Micro	RCD-5020	1x,2x		1M	*	*	*	1 to 99	0 to 99	400	*	*	*	*	*		2.35 (11)	*	*
Plextor	PlexWriter 12/10/32S	1x,4x,8x,12x	see (2)	4M	*	*	*	1 to 99	0 to 99	598 (13)	*	*	*	*(16)	*		1.01	*	*
Plextor	CD-R PXW124T	2x,4x,8x,12x	see (2)	4M	*	*	*	1 to 99	0 to 99	598 (13)	*	*	*	*	*		1.01	*	*
Plextor	CD-R PX-W8220T	1x,2x,4x,8x	see (2)	4M	*	*	*	1 to 99	0 to 99	598 (13)	*	*	*	*	*		1.00	*	*
Plextor	CD-R PX-W4220T	1x,2x,4x	see (2)	2M	*	*	*	1 to 99	0 to 99	598 (13)	*	*	*	*	*		1.02	*	*
Plextor	CD-R PX-R820T	1x,2x,4x,8x	see (2)	4M	*	*	*	1 to 99	0 to 99	598 (13)	*	*	*	*	*		1.05	*	*
Ricoh	MP6201	1x,2x	*	2M	*	*	*	1 to 99	0 to 99	9900	*	*	*	*	*		1.1/2.20	*	*
Ricoh	MP6200S	1x,2x		1M	*	*	*	1 to 99	0 to 99	9900	*	*	*	*	*		1.1	*	*
Ricoh	1420-C	1x,2x		512k-2M	*	*	*	1 to 99	0 to 99	9801	*	*	*(8)(3)	*	see (3)		1.4x	*	*
Ricoh	RS1060-C	2x only		512k	*	*	*	1 to 76	0 to 1		*	*	*	*	*		1.31	*	*
Sony	948S/X	1x,2x,4x	see (2)	2M	*	*	*	1 to 99	0 to 99	448	*	*	*	*	*		1.0c	*	*
Sony	CSP 940S/9411S/CDU 924S	1x,2x		256k-1M	*	*	*	1 to 99	0 to 99	448	*	*	*	*	*		1.1c	*	*
Sony	CSP-920S/9211S	1x,2x		1M	*	*	*	1 to 99	0 to 99	448	*	*	*	*	*		1.1C/2.0B	*	*
Sony	CDW-900E	1x,2x	see (7)	3M	*	*	*	1 to 99	0 to 99		*	*	*	*	*		1.14	*	*
Studer	D741	1x,2x		1M	*	*	*	1 to 99	0 to 99	200	*	see (12)	*	*	*		1.25 (1)	*	*
Teac	CR-R58S	2x,4x,8x	see (2)	4M	*	*	*	1 to 99	0 to 99	355 (17)	*	*	*	*	*		1.0H	*	*
Teac	CR-R56S	2x,4x,6x	see (2)	2M	*	*	*	1 to 99	0 to 99	355 (17)	*	*	*	*	*		1.0H	*	*
Yamaha	CRW2100SXZ see (19)	1x,4x,6x,8x,12x,16x	see (2)	8M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0H	*	*
Yamaha	CRW8824S	1x,4x,6x,8x	see (2)	4M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0	*	*
Yamaha	CRW8424S	1x,4x,6x,8x	see (2)	4M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0g	*	*
Yamaha	CRW 6416S	2x,4x,6x	see (2)	2M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0H	*	*
Yamaha	CRW4260T	1x,2x,4x	see (2)	2M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0g	*	*
Yamaha	CRW4416S	1x,2x,4x	see (2)	2M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0f/1.0g	*	*
Yamaha	CDR400AT/400T/400c	1x,2x,4x	see (2)	2M	*	*	*	1 to 99	0 to 99	4094 (13)	*	*	*	*	*		1.0d	*	*
Yamaha	CDE-100	1x,2x,4x	see (2)	512k	*	*	*	1 to 99	0 to 99	4094	*	*	*	*	*		1.10 (6)/1.1.1	*	*
Yamaha	CDE-102	1x,2x		512k	*	*	*	1 to 99	0 to 99	4094	*	*	*	*	*		1.00/1.0.1	*	*

- Firmware version 1.24 is not supported due to a problem in this firmware version which causes the left and right audio channels to be reversed when written to disc
- Writing at 4x or greater write speeds requires media certified for that write speed. Contact manufacturer for the latest media recommendations
- MasterList CD version 1.3 or higher will support SCMS and optional selection of Copy Prohibit with the Ricoh RS 1420-C and firmware version 1.5 or higher
- MasterList CD supports only disc-at-once mode on CD Recorders that support both disc-at-once and track-at-once write modes
- Allows up to 100 index points per disc in addition to all index 0s and index 1s
- Firmware versions 1.07/1.08 require Copy Prohibit flag to be set on each CD track to avoid clicks occurring at ends of tracks. MLCD 1.2 or higher automatically enforces flag assignment with these firmware versions
- Supports Daisy Chaining for simultaneous recording of CDs on multiple machines (must be all the same model)
- Firmware version 1.4x requires all tracks have copy prohibit flag set
- These CD recorders do support Copy Prohibit, but due to limitations in the tested firmware version, all Copy Prohibit flags must be off. (Drive will appear to write flags, but when analyzed, none are present.)
- The first track on the CD can only have index 0 and index 1

- Units using Drive A versions, (units whose s/n is less than 4471180), must be upgraded to firmware v.2.35 for compatibility with MasterList CD 1.2 or higher. This upgrade is available directly from Pinnacle Micro. Firmware 2.35 is incompatible with Drive A for operations other than CD-DA recording
- Due to limitations in the tested firmware version, ISRC codes are supported, but may be written intermittently with large numbers of tracks/index points.
- Each Disc Catalog Code & ISRC Code effectively equal two PQ code changes for each instance
- CDR400c = CD caddy model. CDR400t = CD tray model.
- When analyzed on certain highly-sensitive CD Analyzers, CD-DA discs created using the Ricoh MP6200S may occasionally exhibit isolated instances of data errors in the vicinity where "Lead-In" data ends. While this does not affect the playing of such a disc, there is a possibility that a duplication facility using such a CD Analyzer may reject the disc as a professional CD-DA master. For this reason, the Ricoh MP6200S is not fully recommended by Digidesign.
- Allows up to 98 index points per disc in addition to all index 0s and index 1s
- A maximum of 255 total index points may be written in addition to 99 ISRC codes and a Disc Catalog Code
- CD-Recorder has mandatory track spacing of 2 seconds.
- Yamaha recommends the CRW2100SXZ be used only with a G3, 300mHz. or faster.

20. For media recommendations or for CD-Recorder technical inquiries, please visit the respective manufacturers' websites:

Eastman Kodak www.kodak.com	JVC www.jvc.info.com www.jvcpro.co.uk www.jvc-victor.co.jp	Pinnacle Micro www.pinnaclemicro.com	Studer www.studerdigitec.com Europe www.studer.ch.com
Glyph Technologies www.glyphtech.com	Microboards www.microboards.com	Plextor www.plextor.com	Teac www.teac.com
Hewlett Packard (US) www.hp.com	Philips www.philips.com	Ricoh www.ricoh.com	Yamaha www.yamaha.com
Marantz www.marantz.com		Sony www.tta.sel.sony.com	

+ "Digidesign Recommended" CD recorders pass Digidesign's test for high-quality CD-DA duplication master or professional reference disc production when Digidesign's Requirements for Professional Disc Creation are adhered to.

DIGIDESIGN'S REQUIREMENTS FOR PROFESSIONAL DISC CREATION

- Use Highest speed supported by your CD-R and system
- Use the specific media recommended by the CD recorder manufacturer
- Use Disc-at-Once write mode