

Falcon DVD+R DL media has quickly become a favorite among our clients needing dual layer DVD media.

Change in media code (MID) for Falcon standard DVD+R DL

Falcon is no longer using the Ricoh media code. New product is being shipped with Falcon's own FTI media code. This document summarizes the compatibility of the new and old Falcon DVD+R DL media.

What is a MID?

The MID (Media Code) is a code programmed into blank discs by each blank disc manufacturer. The DVD drive manufacturers use the MID code to adjust the burning strategy to get best results for each type of blank disc.

What is the Ricoh MID?

Falcon was using the MID of the Ricoh company. Ricoh invented a process of making dual layer dvd media called Inverse Stack.

Why was Falcon using the Ricoh MID?

As a new disc manufacturer, Falcon had no MID codes programmed into the installed base of DVD burners. Therefore Falcon discs would not be recognized by any drives. So Falcon licensed the MID code from Ricoh.

Why change to FTI MID code now?

Most new burners made in the past 2 years have been programmed to recognize the Falcon FTI MID code, so we should expect better results with a burn strategy optimized to Falcon media.

We will be shipping Falcon Media DVD+R DL with both MID codes. Please contact us if you have a specific need for either RICOH or FTI MID code.

Please consult the following pages for test reports of DVD recorders.

New: FALCON 2P Process DVD+R DL media available now!

1-800-777-1927 www.duplication.ca

DRIVE COMPATIBILITY LIST DVD+R 8X DL STANDARD

S.No.	DVD Drive			Drive's Max Write Speed	FTI DVD+RDL MID - Status after testing at FTI/Writing Speed	RICOH DVD+RDL MID - Status after testing at FTI/Writing Speed
	Brand	MODEL	F/W			
1	A-OPEN	DUW1616L	YTS1	8x	2x	8x
		DUW1616L PRO	PTS3	8x	8x	8x
		DSW1812P	ZA34	8x	8x	8x
		DSW2012P	6A31	8x	8x	8x
2	ASUS	DRW1608 P	1.57	6x	2x	2x
		DRW1608 P2S	1.41	8x	2x	2x
		DRW1608 P3S	1.24	8x	2x	2x
		DRW-1612BL	1.10	8x	2x	8x
		DRW-1814 BL	1.14	8x	8x	8x
		DRW-2014L1T	1.02	8x	8x	8x
		DRW-2016L1T	0.07	8x	8x	8x
		DRW-20B1S	1.00	8x	8x	8x
		DRW-22B2LT	1.01	8x	8x	8x
DRW-24B1LT	1.01	8x	8x	8x		
3	BENQ	DW 1640	BSRB	8x	Write Error	8x
		DW 1650	BCIC	8x	2x	6x
		DW 1655	BCIB	8x	2x	8x
		DW 1670	1.03	8x	2x	6x
4	HP	DVD840	HJ86	8x	Write error	Write error
		DVD940i	3H23	8x	Write error	Write error
		DVD1040i	EH23	8x	8x	8x
		DVD1270D	GH23	8x	8x	8x
5	LG	GSA 4167B	DL 13	6x	2x	2x
		GSA H10A	JL05	8x	2x	4x
		GSA H10N	JL12	10x	2x	8x
		GSA-H12N	UL02	10x	2x	8x
		GSA H20L	1.02	8x	4x	8x
		GSA H22N	1.02	8x	4x	8x
		GSA-H42N	RL01	10x	2x	8x
		GSA-H44N	RB01	10x	2x	8x
		GSA-H50L	1.03	10x	4x	8x
		GSA-H54N	1.03	10x	4x	8x
		GSA-H55N	1.06	10x	4x	8x
		GSA-H58N	1.00	10x	4x	8x
		GH20NS10	EL01	10x	8x	8x
		GH22LP20	2.00	10x	8x	8x
		GH22LS50	TL00	8x	8x	8x
GH24NS50	XP01	8x	8x	8x		

FTI&RICOH+R DL on DVD HWdrive

6	LITE-ON	SOHW1673	JS0D	4x	2x	2x
		SOHW1693	KS0B	4x	2x	2x
		SHW1635	YSOZ	8x	2x	8x
		SHW16H5S	LSOW	8x	2x	8x
		SHW160P6S	PSOB	8x	8x	8x
		SHW160H6S	CS08	8x	8x	8x
		SHM165P6S	MSOR	8x	8x	8x
		SHW165H6S	H5OE	8x	8x	8x
		LH-18A1P	GL0J	8x	8x	8x
		LH-20A1P	KL0N	8x	8x	Write Error
		LH-20A1H	LL0C	8x	8x	8x
		LH-20A3H	YY11	8x	8x	8x
		DH-20A4P	9P53	8x	8x	8x
		DH-20A6L	8VPM	8x	8x	4x
		iHAS120	7L0E	8x	8x	4x
		iHAP122	UL04	8x	8x	8x
		iHAS124	BL07	8x	8x	4x
		iHAS224	ZL0A	8x	8x	8x
		iHAP322	UL15	8x	8x	4x
		iHAS324	BLTT	8x	8x	8x
iHAS422	4L11	8x	8x	8x		
iHAS424	ZL1B	8x	8x	8x		
iHAS524	BL2J	8c	8x	8x		
7	NEC	ND-3500A	2.1B	4x	No Additional Sense Information Error	4x
		ND-3540A	1.04	8x		8x
		ND-3550A	1.07	8x		8x
		ND-3551A	2.03	8x		8x
		ND-3570A	1.12	8x		4x
		ND-4550A	1.09	8x		8x
		ND-4551A	1.09	8x		8x
		ND-4570A	1.03	8x		8x
		ND-4571A	1-02	8x		8x
8	OPTIARC (NEC-SONY)	AD-5170A	1.14	8x	8x	8x
		AD-7170A	1.04	8x	8x	8x
		AD-7173A	1.04	8x	8x	8x
		AD-7191A	1.05	8x	8x	8x
		AD-5200A	1.09	8x	8x	8x
		AD-7200A	1.09	8x	8x	8x
		AD-7201A	1.09	8x	8x	8x
		AD-7203A	1.09	8x	8x	8x
		AD-7220S	1.01	8x	8x	8x
		AD-7240S	1.04	8x	8x	8x
AD-7241S	1.03	8x	8x	8x		
AD-7243S	1.03	8x	8x	8x		
9	SONY Optiarc	AD-5260S	1.00	8x	8x	8x
		AD-7260S	1.01	8x	8x	8x
		AD-7261S	1.01	8x	8x	8x
10	PANASONIC	SW-9585	P101	4x	2x	Write error

FTI&RICOH+R DL on DVD HWdrive

11	PHILIPS	DVDR1648 P1		8x	2x	8x
		DVDR1660 P1	P 1.6	8x	Write error	Write error
		SPD-2410 FO	M5P4	8x	8x	8x
		SPD-2411P	BP01	8x	8x	8x
		SPD-2412T	P1.5	8x	4x	Write error
		SPD-2413P	GP03	8x	8x	8x
		SPD-2514T	P1.2	8x	8x	8x
		SPD-6001L	H5P2	8x	8x	8x
		SPD-6002T	P1.2	8x	4x	4x
		SPD-6003P	AP01	8x	8x	8x
		SPD-6004P	HP04	8x	8x	8x
		SPD-6005BM	P1.0	8x	8x	8x
		ATAPI DC-16X8X5(8900)	103	8x	2x	4x
12	PIONEER	DVR 108D	1.20	6x	2x	2x
		DVR 109D	1.58	6x	2x	2x
		DVR 110D	1.41	8x	Drive not sensing	Drive not sensing
		DVR 111D	1.29	8x	2x	8x
		DVR 112D	1.28	10x	8x	8x
		DVR 115D	1.22	10x	8x	8x
		DVR-116D	1.09	10x	8x	8x
		DVR117F	1.07	8x	8x	8x
		DVR-118L	1.02	8x	8x	8x
DVR-218L	1.02	8x	8x	8x		
13	PLEXTOR	PX-716A	1.10	6x	4x	Write error
		PX-740A	1.02	8x	Write error	2x
		PX-750A	1.03	8x	2x	2x
		PX-755A	1.08	10x	8x	8x speed drop
		PX-760A	1.07	10x	8x	8x
		PX-800A	1.00	8x	No Additional Sense Information Error	8x
		PX-820A	1.00	8x	8x	8x
		PX-860A	1.00	8x	8x	8x
PX-880A	1.12	8x	8x	8x		
14	SAMSUNG	TS-H653A	TI02	8x	2x	4x
		SH-W163A	TS02	8x	2x	8x
		SH-S182D(TS-H 652D)	SB07	8x	4x	Read Error
		SH-S183A	SB03	8x	4x	8x
		SH-S202N	SB02	8x	Write Error	8x
		SH-S203B	SB04	8x	8x	8x
		SH-222A	SB02	8x	8x	8x
SH-223F	SB03	8x	8x	8x		
15	SONY	DRU 800A	KY06	4x	2x	4x
		DRU 810A	1.0f	8x	2x	8x
		DRU 820A	1.0C	8x	2x	2x
		DRU 830A	SS25	8x	2x	8x
		DRU 190A	1.65	8x	8x	8x
		DW-Q 28A	KYR6	8x	2x	4x
		DW-Q 30A	YYS7	8x	2x	8x
		DW-G120A	MYS6	8x	8x	8x
		DW-G170A	1.73	8x	No Additional Sense Information Error	8x
		DRU-870S	1.61	8x	8x	8x
DRU-875S	1.61	8x	8x	8x		
16	TEAC	W516GB	J4S2	4x	2x	2x
		W 516 E	1.0F	8x	4x	4x
		W 516 GDM M95	M4S2	8x	8x	8x
		DV-W518GM	ZT14	8x	8x	8x
		DV-W520GM	XT1B	8x	4x	8x
		DV-W524GS	BT11	8x	8x	8x
		DV-W5000S	1.0H	8x	8x	8x

DRIVE COMPATIBILITY LIST FOR SLIM DRIVES(FTI & RICOH MID ONLY)

S.No.	DVD Drive			Drive's Max Write Speed	FTI DVD+R DL8X	RICOH DVD+R DL8X
	Brand	MODEL	F/W		Max	Max
					Speed	Speed
1	QSI	SDW-086	EX36	8X	6x	6x
2	LG GSA	T40N	JQ01	8x	6X	6x
		GT20N	CQ01	8x	6x	6x
3	LITE ON	8A2S	2P57	8x	6x	6x
		8A3S	HP53	8x	6x	6x
4	PIONEER	DVR-K17	1.00	8x	6x	6x
		DVR-KD08	1.00	8x	6x	6x
5	PLEXTOR	PX-608AL	1.01	8x	6x	6x
6	NEC Optiarc	AD-5540A	2.01	8x	6x	6x
		AD-5590A	1.05	8x	6x	6x
		AD-7580A	ZX05	8x	6x	6x
		AD-7590A	1.05	8x	6x	6x
		AD-7593A	1.05	8x	6x	6x
		AD-7630A	1.00	8X	6x	6x
		AD-7633A	1.00	8X	6x	6x
		AD-7913A	1.00	8X	6x	6x
7	SONY Optiarc	AD-7580S	FX04	8x	6x	6x
		AD-7585H	KX05	8x	6x	6x
		AD-7700S	1.03	8x	8x	8x
		AD-7703S	1.03	8x	6x	6x
		AD-5730S	1.02	8x	4x	4x
		AD-7930H	1.00	8x	4x	4x
7	SAMSUNG	SN-T082L	SB00	8x	6x	6x
		SN-S83B	SB02	8x	6x	6x
8	TEAC	DV W28E-R	1.0A	8x	6x	6x

DRIVE COMPATIBILITY LIST FOR BLU RAY DRIVES(FTI MID & RICOH MID)

S.No	Compatibility for DVD			FTI DVD+R DL8X	RICOH DVD+R DL8X
				Status After testing at FTI	Status After testing at FTI
	Brand	MODEL	F/W	WS	WS
1	PANASONIC	BD-LF271	1.03	2x	2x
		BD LF-371	1.03	2x	2x
		SW-5583	1032	2x	8x
		SW-5584	1.00	Write Error	Write Error
2	PIONEER	BDR-202	1.07	2x	8x
		BDR-203	1.10	8x	8x
		BDR-205	1.08	8x	8x
		BDR-205BK	1.04	8x	8x
3	PLEXTOR	PX-B920SA	1.03	2x	4x
		PX-940SA	1.04	8x	8x
4	LG	GBW-H10N	GL06	2x	4x
		GGW-H20L	YL05	2x	4x
		BH08NS20	EL02	4x	4x
		BH10NS30	EL00	8x	8x
5	LITE ON	DH4B1S	7P5B	8X	4x
		BDiHBS112	CL04	8x	8x
6	SONY	BWU-200S	1.0b	2x	8x
		BWU-300S	1.0c	Write Error	Write Error