

# DVD-R Emgeton 8x Video Color Reel



Revised date: June 09, 2006

| Brand      | Model                     | Firmware  | PC Burner's Specification |     |      |      |     |      |       |       | Max support Speed | Quality                         | remark  |  |
|------------|---------------------------|-----------|---------------------------|-----|------|------|-----|------|-------|-------|-------------------|---------------------------------|---|--|
|            |                           |           | -R                        | -RW | +R   | +RW  | CDR | CDRW | +R DL | -R DL |                   |                                 |   |  |
| Arstor     | DRP-160                   | 1.21      | 8X                        | 4X  | 8X   | 4X   | 24X | 24X  | -     | -     | 4x                | GOOD                            |   |  |
|            | DRP-16I                   | 1.20      | 16X                       | 4X  | 16X  | 4X   | 32X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
| ASUS       | DRW-0804P                 | 1.21      | 8X                        | 4X  | 8X   | 4X   | 24X | 16X  | -     | -     | 4X                | GOOD                            |   |  |
|            | DRW-1604P                 | 1.20      | 16X                       | 4X  | 16X  | 4X   | 32X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
| BTC        | DRW 1004IM                | 0251      | 4X                        | 2X  | 4X   | 4X   | 40X | 24X  | -     | -     | 4x                | GOOD                            | Phase out   |  |
|            | DRW 1008IM                | 0159      | 4X                        | 2X  | 8X   | 4X   | 40X | 24X  | -     | -     | 4x                | POOR                            |   |  |
|            | DRW 1016IM                | A187      | 16X                       | 4X  | 16X  | 8X   | 48X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
|            | DRW 1108IM                | B430      | 8X                        | 4X  | 8X   | 4X   | 40X | 24X  | -     | -     | 8X                | GOOD                            |   |  |
| BENQ       | DW1610A                   | B8V9      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | -     | -     | 4X                | GOOD                            |   |  |
|            | DW1620A                   | B7W9      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | 2.4x  | -     | 4X                | GOOD                            | Phase out   |  |
|            | DW1640A                   | BSOB      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | 2.4x  | -     | 8X                | GOOD                            |   |  |
|            | DW1650A                   | 3CAC      | 16X                       | 8X  | 16X  | 8X   | 40X | 24X  | 8X    | 8X    | 8X                | GOOD                            |   |  |
|            | DW1655A                   | BCBH      | 16X                       | 8X  | 16X  | 8X   | 40X | 24X  | 8X    | 8X    | 8X                | GOOD                            |   |  |
|            | DW1670                    | 102C      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 6X    | 8X                | GOOD                            |   |  |
| CYBERDRIVE | DX162DA                   | 170F      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | 4x    | -     | 6X                | POOR                            | Still checkiPOOR for this media.  |  |
| CYBERDRIVE | DX162DA                   | 171F      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | 4x    | -     | 8X                | FAIR                            |   |  |
| LITE-ONIT  | LDW-411S                  | FSOK      | 4X                        | 2X  | 4X   | 4x   | 40X | 24X  | -     | -     | 2x                | FAIR                            | Phase out, Liteon will not fine tune any media in the future              |  |
|            | LDW-851S                  | GSOP      | 4X                        | 2x  | 8X   | 4X   | 40X | 24X  | -     | -     | 4x                | GOOD                            | Phase out, Liteon will fine tune if their team have time                  |  |
|            | SOHW-812S                 | USOS      | 8X                        | 4X  | 8X   | 4X   | 40X | 24X  | -     | -     | 8X                | FAIR                            | Phase out   |  |
|            | SOHW-832S                 | VSOM      | 8X                        | 4X  | 8X   | 4X   | 40X | 24X  | 2.4x  | -     | 8X                | POOR                            |   |  |
|            | SOHW-1213S                | TSOJ      | 8X                        | 4X  | 12X  | 4X   | 48X | 24X  | -     | -     | 8X                | GOOD                            | Liteon said its period is too short, so will not fine tune too many media |  |
|            | SOHW-1633S                | BSOY      | 8x                        | 4x  | 16x  | 4x   | 48x | 24x  | 2.4x  | -     | 8X                | GOOD                            |   |  |
|            | SOHW-1653S                | CSOT      | 12x                       | 4x  | 16x  | 4x   | 48x | 24x  | 4x    | -     | 8X                | POOR                            |   |  |
|            | SOHW-1673S                | JSOD      | 12x                       | 6x  | 16x  | 8x   | 48x | 24x  | 4x    | -     | 8X                | GOOD                            |   |  |
|            | SOHW-1693S                | KSOB      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 4X    | 4X    | 8X                | GOOD                            |   |  |
|            | SOHW-1635S                | YSOZ      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 8X    | 4X    | 8X                | GOOD                            |   |  |
|            | SOHW-16H5S                | LSOW      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 8X    | 4X    | 8X                | GOOD                            |   |  |
|            | SHM-165H6S                | HV2Z      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 8X    | 4X    | 8X                | GOOD                            | Same to LiteONIT 165P6S   |  |
|            | LVW-5045                  | Recorder  | O                         | O   | O    | O    | -   | -    | -     | -     | 1X                | FAIR                            |   |  |
| HLDS       | GSA-4082B                 | A209      | 8X                        | 4X  | 8X   | 4X   | 24X | 16X  | -     | -     | 4x                | GOOD                            | Phase out   |  |
|            | GSA-4120B                 | A116      | 8X                        | 4X  | 12X  | 4X   | 40X | 24X  | 2.4x  | -     | 4X                | FAIR                            | Phase out, HLDS will not fine tune any media in the future                |  |
|            | GSA-4160B                 | A304      | 8x                        | 4x  | 16x  | 4x   | 40x | 24x  | 2.4x  | -     | 4X                | GOOD                            | HLDS will support at the next firmware.                                   |  |
|            | GSA-4163B                 | A105      | 16x                       | 6x  | 16x  | 8x   | 40x | 24x  | 4x    | -     | 4X                | POOR                            | HLDS will support at the next firmware.                                   |  |
|            | GSA-4167B                 | DL13      | 16x                       | 6x  | 16x  | 8x   | 40x | 24x  | 4x    | -     | 8X                | GOOD                            |   |  |
|            | GSA-H10A                  | JL03      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 10X   | 6X    | 8X                | GOOD                            |   |  |
|            | GSA-H10N                  | JL10      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 10X   | 6X    | 8X                | GOOD                            |   |  |
| Memorex    | MRX500-L                  | YWS7      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 4X    | -     | 8X                | FAIR                            |   |  |
| NEC        | ND-1300A                  | 1.0B      | 4X                        | 2X  | 4X   | 2.4X | 16X | 10X  | -     | -     | 4x                | FAIR                            | Phase out   |  |
|            | ND-2500A/2100A            | 1.0A      | 8X                        | 4X  | 8X   | 4X   | 32X | 16X  | -     | -     | 4X                | GOOD                            |   |  |
|            | ND-2510A                  | 2.06      | 8X                        | 4X  | 8X   | 4X   | 32X | 16x  | -     | -     | 4x                | GOOD                            |   |  |
|            | ND-3500A                  | 2.19      | 16X                       | 4X  | 16X  | 4X   | 48X | 24X  | 4X    | -     | 8x                | GOOD                            |   |  |
|            | ND-3520A                  | 3.07      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
|            | ND-3530A                  | 3.01      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 4X    | 4X    | 8X                | GOOD                            |   |  |
|            | ND-3540A                  | 1.04      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 4X    | 4X    | 8X                | GOOD                            |   |  |
|            | ND-4550A                  | 1.26      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 4X    | 4X    | 8X                | GOOD                            |   |  |
|            | ND-4551A                  | 1.21      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 6X    | 8X                | GOOD                            |   |  |
| NU TECH    | DDW-082                   | B377      | 8x                        | 4x  | 8x   | 4x   | 40x | 24x  | -     | -     | 4x                | GOOD                            | Phase out.  |  |
|            | DDW-163                   | G7V9      | 16X                       | 4X  | 16X  | 4X   | 40X | 24X  | 2.4X  | -     | 4x                | GOOD                            | Phase out.  |  |
| OptoRite   | DD0203                    | 2.50      | 4X                        | 2X  | 4X   | 2.4X | 24X | 10X  | -     | -     | 2x                | GOOD                            | Phase out, stop tuning for any media                                      |  |
|            | DD0401                    | 160E      | 4X                        | 2X  | 8X   | 4X   | 40X | 24X  | -     | -     | 4x                | POOR                            | Phase out. Optorite just produce slim type in the future.                 |  |
|            | DD0405                    | 160E      | 8X                        | 4X  | 8X   | 4X   | 40X | 24X  | -     | -     | 4x                | FAIR                            | Phase out. Optorite just produce slim type in the future.                 |  |
|            | DD1203                    | 120E      | 8X                        | 4X  | 12X  | 4X   | 40X | 24X  | -     | -     | 4x                | POOR                            | Phase out. Optorite just produce slim type in the future.                 |  |
|            | DD1205                    | 120E      | 8X                        | 4X  | 12X  | 4X   | 40X | 24X  | 2.4x  | -     | 4x                | POOR                            | Phase out. Optorite just produce slim type in the future.                 |  |
|            | DD1603                    | 230I      | 8x                        | 4x  | 16x  | 4x   | 40x | 24x  | 2.4x  | -     | 8X                | FAIR                            |   |  |
| Panasonic  | DMR-E80H                  | -         | Recorder                  |     |      |      |     |      |       |       | -                 | 1x                              | FAIR  |  |
|            | LF-M621                   | F100      | 4X                        | 1X  | -    | -    | 12X | 8X   | -     | -     | 4X                | GOOD                            |   |  |
|            | LF-P667C                  | 1.02      | 4X                        | 2X  | 2.4X | 2.4X | 16X | 8X   | -     | -     | 2X                | GOOD                            | Portable  |  |
| PIONEER    | DVR-510H                  | -         | Recorder                  |     |      |      |     |      |       |       | -                 | 1X                              | GOOD  |  |
|            | DVR-SK-12D                | 1.00      | 2X                        | 2X  | 2.4X | 2.4X | 16X | 10X  | -     | -     | 2X                | GOOD                            |   |  |
|            | DVR-A06/106               | 1.08      | 4X                        | 2X  | 4X   | 2.4X | 16X | 10X  | -     | -     | 4x                | POOR                            | Phase out   |  |
|            | DVR-A07/107               | 1.18crack | 8X                        | 4X  | 8X   | 4X   | 24X | 16x  | -     | -     | 8x                | GOOD                            | Phase out, please use the NIL cracked firmware, it can record at 8x       |  |
|            | DVR-A08/108AXL            | 1.20      | 16X                       | 4X  | 16X  | 4X   | 32X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
|            | DVR-109                   | 1.58      | 16X                       | 6X  | 16X  | 8X   | 40X | 24X  | 6X    | -     | 8X                | GOOD                            |   |  |
|            | DVR-110D                  | 1.41      | 16X                       | 6X  | 16X  | 8X   | 40X | 32X  | 8X    | 8X    | 8X                | GOOD                            |   |  |
| PLEXTOR    | DVR-111D                  | 1.19      | 16X                       | 6X  | 16X  | 8X   | 40X | 32X  | 8X    | 8X    | 8X                | GOOD                            |   |  |
|            | PX-708A                   | 1.12      | 4x                        | 2x  | 8x   | 4x   | 40x | 24x  | -     | -     | 4X                | GOOD                            |   |  |
|            | PX-712A                   | 1.09      | 8x                        | 4x  | 12x  | 4x   | 48x | 24x  | -     | -     | 8X                | GOOD                            | Plextor said it's good.   |  |
|            | PX-716A                   | 1.09      | 16x                       | 4x  | 16x  | 8x   | 48x | 24x  | 4x    | -     | 8X                | GOOD                            |   |  |
|            | PX-740A                   | 1.01      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 4X    | 8X                | GOOD                            |   |  |
|            | PX-750A                   | 1.02      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 8X    | 4X    | 8X                | GOOD                            |   |  |
|            | PX-755A                   | 1.02      | 16X                       | 6X  | 18X  | 8X   | 48X | 24X  | 10X   | 6X    | 8X                | GOOD                            |   |  |
| RICOH      | PX-760A                   | 1.02      | 18X                       | 6X  | 18X  | 8X   | 48X | 24X  | 10X   | 6X    | 8X                | GOOD                            |   |  |
|            | MP5308D                   | 1.B3      | 8x                        | 4x  | 8x   | 4x   | 32x | 16x  | -     | -     | 4x                | GOOD                            | RICOH closed their drive's plant.   |  |
|            | MP5316D                   | 2.B9      | 16X                       | 4X  | 16X  | 4X   | 48X | 24X  | 4X    | -     | 4X                | GOOD                            | RICOH closed their drive's plant.   |  |
| SAMSUNG    | TS-H552A                  | BA52      | 16X                       | 4X  | 16X  | 4X   | 48X | 24X  | 5X    | -     | 4X                | GOOD                            | Phase out   |  |
|            | TS-H552B                  | TS10      | 16X                       | 4X  | 16X  | 4X   | 48X | 24X  | 5X    | -     | 4X                | GOOD                            |   |  |
|            | SH-W08A                   | 1S31      | 8X                        | 4X  | 8X   | 4X   | 32X | 16X  | -     | -     | 4x                | GOOD                            | Phase out   |  |
|            | SH-W162C/SE-W164C         | T103      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 5X    | 4X    | 8X                | GOOD                            | Test result is from TSST Korea.   |  |
|            | SH-W162D/SE-W162L/SE-W164 | TS01      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 4X    | 8X                | GOOD                            | Test result is from TSST Korea.   |  |
|            | SH-S162A                  | TS02      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 4X    | 8X                | GOOD                            | Test result is from TSST Korea.   |  |
|            | SH-S162L                  | TS04      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 4X    | 8X                | GOOD                            | Test result is from TSST Korea.   |  |
| TS-H542A   | TS07                      | 8X        | 4X                        | 12X | 4X   | 40X  | 24X | -    | -     | 8X    | GOOD              | Test result is from TSST Korea. |   |  |
| SONY       | DRU500A                   | 2.1a      | 4X                        | 2X  | 2.4X | 2.4X | 24X | 10X  | -     | -     | 4x                | GOOD                            | Phase out   |  |
|            | DRU510A                   | 1.1a      | 4X                        | 2X  | 4X   | 4X   | 24X | 16X  | -     | -     | 4x                | GOOD                            | Phase out   |  |
|            | DRU530A                   | 2.1q      | 4X                        | 2X  | 8X   | 4X   | 40X | 24X  | -     | -     | 4x                | FAIR                            | Phase out, Accesstek OEM ,will not support any media in the future        |  |
|            | DRU700A                   | VY08      | 8X                        | 4X  | 8X   | 4X   | 40X | 24X  | 2.4x  | -     | 8x                | GOOD                            |   |  |
|            | DRU710A                   | BYX5      | 8x                        | 4x  | 16x  | 4x   | 48x | 24x  | 2.4x  | -     | 8X                | POOR                            | Phase out. LiteONIT OEM.  |  |
|            | DRU720A                   | JY08      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 4X    | -     | 8X                | GOOD                            |   |  |
|            | DRU800A                   | KY07      | 16X                       | 6X  | 16X  | 8X   | 48X | 24X  | 4X    | 4X    | 8X                | GOOD                            |   |  |
|            | DRU820A                   | 1.0a      | 16X                       | 6X  | 16X  | 8X   | 48X | 32X  | 8X    | 6X    | 8X                | GOOD                            |   |  |
|            | RDR-GX7                   | -         | Recorder                  |     |      |      |     |      |       |       | -                 | 1X                              | GOOD  |  |

Not support to the highest speed of this media  
 Media at such burner model could have over speed performance  
 Firmware update

GOOD : Pi<280  
 FAIR : Pi 280~1000  
 POOR : Pi>1000

# DVD+R Emgeton 8x Video Color Reel



Revised date: June 09, 2006

| Brand      | Model                     | Firmware  | PC Burner's Specification |     |      |      |      |      |       |       | Max Support | Quality | remark  | Speed    |
|------------|---------------------------|-----------|---------------------------|-----|------|------|------|------|-------|-------|-------------|---------|---|----------|
|            |                           |           | -R                        | -RW | +R   | +RW  | CDR  | CDRW | +R DL | -R DL |             |         |   |          |
| Arstor     | DRP-160                   | 1.21      | 8X                        | 4X  | 8X   | 4X   | 24X  | 24X  | -     | -     | 4x          | GOOD    |   |          |
|            | DRP-161                   | 1.20      | 16X                       | 4X  | 16X  | 4X   | 32X  | 24X  | 4X    | -     | 4x          | GOOD    |   |          |
| ASUS       | DRW-0804P                 | 1.21      | 8X                        | 4X  | 8X   | 4X   | 24X  | 16X  | -     | -     | 4X          | GOOD    | Same to Pioneer A07. Please use the NIL cracked firmware.                 |          |
|            | DRW-1604P                 | 1.20      | 16x                       | 4x  | 16x  | 4x   | 32x  | 24x  | 4x    | -     | 4x          | GOOD    | Same to Pioneer A08. Please use the NIL cracked firmware.                 |          |
| BTC        | DRW 1004IM                | 0251      | 4X                        | 2X  | 4X   | 4X   | 40X  | 24X  | -     | -     | 4X          | GOOD    | Phase out   |          |
|            | DRW 1008IM                | 0159      | 4X                        | 2X  | 8X   | 4X   | 40X  | 24X  | -     | -     | 8X          | POOR    | BTC said the model can't write any 8x media with good quality             |          |
|            | DRW 1016IM                | A187      | 16X                       | 4X  | 16X  | 8X   | 48X  | 24X  | 4X    | -     | 8X          | POOR    | Phase out   |          |
|            | DRW 1108IM                | B430      | 8X                        | 4X  | 8X   | 4X   | 40X  | 24X  | -     | -     | 8X          | FAIR    | Phase out   |          |
| BENQ       | DW800A                    | B2L7      | -                         | -   | 8X   | 4X   | 24X  | 10X  | -     | -     | 8x          | GOOD    | Phase out   |          |
|            | DW822A                    | B317      | 4X                        | 2X  | 8X   | 4X   | 24X  | 10X  | 2.4x  | -     | 8X          | GOOD    | Phase out   |          |
|            | DW830A                    | B4C8      | -                         | -   | 8X   | 4X   | 24X  | 10X  | 2.4x  | -     | 8X          | GOOD    | Phase out   |          |
|            | DW1610A                   | B8V9      | 16x                       | 4x  | 16x  | 4x   | 40x  | 24x  | -     | -     | 8X          | GOOD    |   |          |
|            |                           | B8V9      | 16x                       | 4x  | 16x  | 4x   | 40x  | 24x  | -     | -     | 12X         | FAIR    |   |          |
|            | DW1620A                   | B7W9      | 16x                       | 4x  | 16x  | 4x   | 40x  | 24x  | 2.4x  | -     | 8X          | GOOD    | It can support at 12X   |          |
|            |                           | B7W9      | 16x                       | 4x  | 16x  | 4x   | 40x  | 24x  | 2.4x  | -     | 12X         | FAIR    |   |          |
|            | DW1640A                   | B50B      | 16X                       | 4X  | 16X  | 4X   | 40X  | 24X  | 2.4X  | -     | 8X          | GOOD    |   |          |
|            | DW1650A                   | 3CAC      | 16X                       | 8X  | 16X  | 8X   | 40X  | 24X  | 8X    | 8X    | 8X          | FAIR    |   |          |
|            | DW1655A                   | BCHB      | 16X                       | 8X  | 16X  | 8X   | 40X  | 24X  | 8X    | 8X    | 8X          | GOOD    |   |          |
|            | DW1670                    | 102C      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 6X    | 8X          | GOOD    |   |          |
| CYBERDRIVE | DX082D                    | 150B      | -                         | -   | 8X   | 4X   | 32X  | 24X  | -     | -     | 8x          | POOR    | Phase out. CyberDrive think it's OK for them.                             |          |
|            | DX162DA                   | 171F      | 16X                       | 4X  | 16X  | 4X   | 40X  | 24X  | 4x    | -     | 8X          | GOOD    |   |          |
| HP         | 400c                      | KH27      | -                         | -   | 8X   | 4X   | 24X  | 10X  | -     | -     | 8X          | GOOD    | Phase out   |          |
|            | LDW-401S                  | ES0M      | -                         | -   | 4X   | 4X   | 40X  | 24X  | -     | -     | 4x          | GOOD    | Phase out. Liteon will not fine tune any media in the future              |          |
|            | LDW-411S                  | FS0K      | 4X                        | 2X  | 4X   | 4X   | 40X  | 24X  | -     | -     | 2.4x        | POOR    | Phase out. Liteon will not fine tune any media in the future              |          |
|            | SOHW-812S                 | US0S      | 8X                        | 4X  | 8X   | 4X   | 40X  | 24X  | -     | -     | 8X          | GOOD    | Phase out   |          |
|            | SOHW-832S                 | VS0M      | 8X                        | 4X  | 8X   | 4X   | 40X  | 24X  | 2.4x  | -     | 8X          | GOOD    | Phase out   |          |
|            | SOHW-1213S                | TS0J      | 8X                        | 4X  | 12X  | 4X   | 48X  | 24X  | -     | -     | 8x          | POOR    | Liteon said its period is too short. so will not fine tune too many media |          |
|            | SOHW-1633S                | B50Y      | 8x                        | 4x  | 16x  | 4x   | 48x  | 24x  | 2.4x  | -     | 8X          | POOR    | It's the same to 1653. LiteONIT will support it well.                     |          |
|            | SOHW-1653S                | C50T      | 12x                       | 4x  | 16x  | 4x   | 48x  | 24x  | 4x    | -     | 8X          | POOR    |   |          |
|            | SOHW-1673S                | JS0D      | 12x                       | 6x  | 16x  | 8x   | 48x  | 24x  | 4x    | -     | 8X          | GOOD    |   |          |
|            | SOHW-1693S                | KS0B      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 4X    | 4X    | 8X          | FAIR    | LiteONIT will support it well in next firmware.                           |          |
|            | SOHW-1635S                | Y50Z      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 8X    | 4X    | 6X          | GOOD    |   |          |
|            | SOHW-16H5S                | LS0W      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 8X    | 4X    | 6X          | GOOD    |   |          |
|            | SHM-165H6S                | HV2Z      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 8X    | 4X    | 8X          | GOOD    | Same to LiteONIT 165P6S   |          |
|            | LWW-5001                  | Recorder  | X                         | X   | O    | O    | -    | -    | -     | -     | 1X          | FAIR    |   |          |
|            | LWW-5045                  | Recorder  | O                         | O   | O    | O    | -    | -    | -     | -     | 1X          | GOOD    |   |          |
| HLDS       | GSA-4082B                 | A209      | 8X                        | 4X  | 8X   | 4X   | 24X  | 16X  | -     | -     | 4X          | GOOD    | Phase out   |          |
|            | GSA-4120B                 | A116      | 8X                        | 4X  | 12X  | 4X   | 40X  | 24X  | 2.4x  | -     | 4X          | GOOD    | Phase out, HLDS stop tuning for any media.                                |          |
|            | GSA-4160B                 | A304      | 8x                        | 4x  | 16x  | 4x   | 40x  | 24x  | 2.4x  | -     | 4X          | GOOD    | Phase out, HLDS stop tuning for any media.                                |          |
|            | GSA-4163B                 | A105      | 16x                       | 6x  | 16x  | 8x   | 40x  | 24x  | 4x    | -     | 4X          | GOOD    |   |          |
|            | GSA-4167B                 | DL13      | 16x                       | 6x  | 16x  | 8x   | 40x  | 24x  | 4x    | -     | 8X          | GOOD    |   |          |
|            | GSA-H10A                  | JL03      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 10X   | 6X    | 8X          | GOOD    |   |          |
|            | GSA-H10N                  | JL10      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 10X   | 6X    | 8X          | GOOD    |   |          |
| Memorex    | MRX500-L                  | YWS7      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 4X    | -     | 6X          | GOOD    |   |          |
| MITSUMI    | DW-7802TE                 | 1.00      | 4x                        | 2x  | 4x   | 2.4x | 16x  | 10x  | -     | -     | 2.4X        | GOOD    | OEM by NEC, same to NEC 1300, Mitsumi stop for shipping.                  |          |
|            | ND-1100A                  | 1.93      | -                         | -   | 4X   | 2.4X | 16X  | 10X  | -     | -     | 2.4X        | GOOD    | Phase out   |          |
| NEC        | ND-1300A                  | 1.0B      | 4X                        | 2X  | 4X   | 2.4X | 16X  | 10X  | -     | -     | 2.4X        | GOOD    | Phase out   |          |
|            | ND-2500A/2100A            | 1.0A      | 8X                        | 4X  | 8X   | 4X   | 32X  | 16X  | -     | -     | 4X          | GOOD    | Phase out.  |          |
|            | ND-2510A                  | 2.06      | 8X                        | 4X  | 8X   | 4X   | 32x  | 16x  | -     | -     | 2.4x        | GOOD    | Phase out.  |          |
|            | ND-3500A                  | 2.19      | 16X                       | 4X  | 16X  | 4X   | 48X  | 24X  | 4X    | -     | 8X          | GOOD    |   |          |
|            | ND-3520A                  | 3.07      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 4X    | -     | 8X          | GOOD    |   |          |
|            | ND-3530A                  | 3.01      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 4X    | 4X    | 8X          | GOOD    |   |          |
|            | ND-3540A                  | 1.04      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 4X    | 4X    | 8X          | GOOD    |   |          |
|            | ND-4550A                  | 1.26      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 4X    | 4X    | 8X          | GOOD    |   |          |
|            | ND-4551A                  | 1.21      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 6X    | 8X          | GOOD    |   |          |
|            |                           | DDW-082   | B377                      | 8x  | 4x   | 8x   | 4x   | 40x  | 24x   | -     | -           | 8X      | POOR  |          |
| NU TECH    | DDW-163                   | G7V9      | 16X                       | 4X  | 16X  | 4X   | 40X  | 24X  | 2.4X  | -     | 8X          | GOOD    | It can support at 12x   |          |
|            | DD0203                    | 2.50      | 4X                        | 2X  | 4X   | 2.4X | 24X  | 10X  | -     | -     | 2.4x        | FAIR    | Phase out, stop tuning for any media                                      |          |
| OptoRite   | DD0401                    | 160E      | 4X                        | 2X  | 8X   | 4X   | 40X  | 24X  | -     | -     | 8X          | POOR    |   |          |
|            | DD0405                    | 160E      | 8X                        | 4X  | 8X   | 4X   | 40X  | 24X  | -     | -     | 8X          | GOOD    |   |          |
|            | DD1203                    | 120E      | 8X                        | 4X  | 12X  | 4X   | 40X  | 24X  | -     | -     | 8X          | POOR    |   |          |
|            | DD1205                    | 120E      | 8X                        | 4X  | 12X  | 4X   | 40X  | 24X  | 2.4x  | -     | 8X          | POOR    | Phase out. They just fine tune for Japanese medias.                       |          |
|            | DD1603                    | 230I      | 8x                        | 4x  | 16x  | 4x   | 40x  | 24x  | 2.4x  | -     | 8X          | POOR    |   |          |
|            |                           | LF-P667C  | 1.02                      | 4X  | 2X   | 2.4X | 2.4X | 16X  | 8X    | -     | -           | 2.4x    | GOOD  | Portable |
| PHILIPS    | 8301                      | 5H30      | -                         | -   | 4X   | 4X   | 16X  | 10X  | -     | -     | 4x          | GOOD    | Phase out   |          |
|            | 8401                      | KH27      | -                         | -   | 8X   | 4X   | 24X  | 10X  | -     | -     | 8X          | GOOD    | Phase out   |          |
|            | DVDR75                    | Recorder  | X                         | X   | O    | O    | -    | -    | -     | -     | 1x          | GOOD    |   |          |
| PIONEER    | DVR-A06/106               | 1.08      | 4X                        | 2X  | 4X   | 2.4X | 16X  | 10X  | -     | -     | 4x          | GOOD    | Phase out   |          |
|            | DVR-A07/107               | 1.18crack | 8X                        | 4X  | 8X   | 4X   | 24X  | 16x  | -     | -     | 8x          | FAIR    | Phase out, please use the NIL cracked firmware, it can record at 8x       |          |
|            | DVR-A08/108XLA            | 1.14crack | 16x                       | 4x  | 16x  | 4x   | 32x  | 24x  | 4x    | -     | 8X          | POOR    | Phase out, please use the NIL cracked firmware, it can record well at 8x  |          |
|            | DVR-A08/108AXL            | 1.20      | 16X                       | 4X  | 16X  | 4X   | 32X  | 24X  | 4X    | -     | 4x          | GOOD    |   |          |
|            | DVR-109                   | 1.58      | 16X                       | 6X  | 16X  | 8X   | 40X  | 24X  | 6X    | -     | 8X          | GOOD    |   |          |
|            | DVR-110D                  | 1.41      | 16X                       | 6X  | 16X  | 8X   | 40X  | 32X  | 8X    | 8X    | 8X          | GOOD    |   |          |
|            | DVR-111D                  | 1.19      | 16X                       | 6X  | 16X  | 8X   | 40X  | 32X  | 8X    | 8X    | 8X          | GOOD    |   |          |
| PLEXTOR    | PX-708A                   | 1.12      | 4x                        | 2x  | 8x   | 4x   | 40x  | 24x  | -     | -     | 8X          | GOOD    |   |          |
|            | PX-712A                   | 1.09      | 8x                        | 4x  | 12x  | 4x   | 48x  | 24x  | -     | -     | 8X          | POOR    |   |          |
|            | PX-716A                   | 1.09      | 16x                       | 4x  | 16x  | 8x   | 48x  | 24x  | 4x    | -     | 8X          | FAIR    |   |          |
|            | PX-740A                   | 1.01      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 4X    | 8X          | GOOD    |   |          |
|            | PX-750A                   | 1.02      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 8X    | 4X    | 8X          | GOOD    |   |          |
|            | PX-755A                   | 1.02      | 16X                       | 6X  | 16X  | 8X   | 48X  | 24X  | 10X   | 6X    | 8X          | GOOD    |   |          |
|            | PX-760A                   | 1.02      | 18X                       | 6X  | 18X  | 8X   | 48X  | 24X  | 10X   | 6X    | 8X          | GOOD    | Please use autostrategy for tuning the drive.                             |          |
| RICOH      | RW5240A                   | 1.19      | -                         | -   | 4X   | 4X   | 24X  | 10X  | -     | -     | 4x          | GOOD    | Phase out   |          |
|            | MPS308D                   | 1.B3      | 8x                        | 4x  | 8x   | 4x   | 32x  | 16x  | -     | -     | 2.4x        | GOOD    |   |          |
|            | MPS316D                   | 2.B9      | 16X                       | 4X  | 16X  | 4X   | 48X  | 24X  | 4X    | -     | 8X          | FAIR    | NEC OEM. RICOH closed their drive department.                             |          |
|            | TS-H552A                  | BA52      | 16X                       | 4X  | 16X  | 4X   | 48X  | 24X  | 5X    | -     | 4X          | GOOD    |   |          |
|            | TS-H552B                  | TS10      | 16X                       | 4X  | 16X  | 4X   | 48X  | 24X  | 5X    | -     | 8X          | POOR    | Phase out.  |          |
|            | SH-W08A                   | TS31      | 8X                        | 4X  | 8X   | 4X   | 32X  | 16X  | -     | -     | 4x          | FAIR    |   |          |
| SAMSUNG    | SH-W162C/SE-W164C         | T103      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 5X    | 4X    | 8X          | GOOD    | Test result is from TSST Korea.   |          |
|            | SH-W162D/SE-W162L/SE-W164 | TS01      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 4X    | 8X          | GOOD    | Test result is from TSST Korea.   |          |
|            | SH-S162A                  | TS02      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 4X    | 8X          | GOOD    | Test result is from TSST Korea.   |          |
|            | SH-S162L                  | TS04      | 16X                       | 6X  | 16X  | 8X   | 48X  | 32X  | 8X    | 4X    | 8X          | GOOD    | Test result is from TSST Korea.   |          |
|            | TS-H542A                  | TS07      | 8X                        | 4X  | 12X  | 4X   | 40X  | 24X  | -     | -     | 8X          | GOOD    | Test result is from TSST Korea.   |          |
| SONY       | DRU500A                   | 2.1a      | 4X                        | 2X  | 2.4X | 2.4X | 24X  | 10X  | -     | -     | 4x          | GOOD    | Phase out   |          |
|            | DRU510A                   | 1.1a      | 4X                        | 2X  | 4X   | 4X   | 24X  | 16X  | -     | -     | 4x          | GOOD    | Phase out   |          |
|            | DRU530A                   | 2.1g      | 4X                        | 2X  | 8X   | 4X   |      |      |       |       |             |         |   |          |