

Panasonic Technical Support

QUICK REFERENCE GUIDE for DVD-ROM

MODEL: SR-8584-B

SPECIFICATIONS:

- Interface: IDE - ATAPI
- Disk Capacity: CD: 656 MBytes (Mode 1)
DVD: 4.7 GB (Single Layer)
8.5 GB (Dual Layer)
- Buffer Memory: 512 KBytes
- Data Transfer Rate: CD: Normal Speed (1X): 150 KBytes/sec (Mode 1)
171 KBytes/sec (Mode 2)
CAV Mode(13.8X to 32X): 2070~4800 KBytes/sec (Mode 1)
2365~5484 KBytes/sec (Mode 2)
DVD: Normal Speed (1X): 11.08 Mbits/sec
CAV Mode DVD5 (2.48X to 6X): 27.51~66.48 Mbits/sec
CAV Mode DVD-9 (2.07X to 5X): 22.92 to 55.4 Mbits/sec
- Access Time: CD: Normal Speed (1X): 550 ms
CAV Mode: 95 ms
DVD: Random(CAV mode) 140 ms
Full Stroke(CAV mode) 280 ms
- MTBF: 125,000 POH (Duty 20%)
- Audio Output:
 1. Headphone Jack: 0.6 Vrms (RL=32 Ohms)
 2. Line Out: 0.6 Vrms (RL=47k Ohms)
- Power Requirement:
 1. Voltage: +5VDC (+/- 5%) ; +12VDC (+/- 10%)
 2. Current: +5VDC: 630mA(typ) ; 900mA(max)
+12VDC: 580mA(typ) ; 1800mA(max)
- Form Factor: 5.25" half height.
- Temperature:
 1. Operating: +5 ~ +50°C
 2. Storage: -30 ~ 65°C
- Humidity:
 1. Operating 5% ~ 90% (non-condensing)
 2. Storage 5% ~ 90% (non-condensing)

FEATURES:

- Motor powered tray to load and unload CD/DVD discs.
- CD-DA standard Red Book audio.
- CD-ROM data in Mode 1 and Mode 2(Form 1 and Form 2)
- CD-ROM XA (Mode 2 Form 1 and Form 2)
- CD-I (Mode 2 Form 1 and Form 2)
- CD-I Ready and Bridge.
- Photo CD (single and multiple sessions)
- CD-WO (fixed and variable packets)
- Video CD
- Enhanced Music CD (CD Plus)
- CD-RW (CD-E), CD-R type 2.
- DVD-R(3.95GB)
- DVD-5, DVD-9, DVD-10.
- Operates in normal speed mode and CAV mode for CD discs, and in normal speed mode and 6X speed mode for DVD discs.
- CD-DA data can be transferred via IDE interface.
- Horizontal operation is supported. Vertical operation is optional.
- Features excellent vibration reduction system (auto-balance controller) for imbalance discs.