

CD-ROM DRIVE SR244 Series

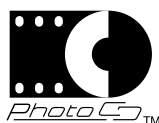
OUTLINE

The SR244 Series is a 24X CD-ROM drive that has an ultra thin design for using notebook computers. The CAV method is used to achieve an internal disc data transmission speed of 1,620 KBytes/sec (10.8X) and an external disc data transmission speed of 3,600 KBytes/sec (24X) to make high speed data transmission possible. An enhanced IDE interface (ATAPI specifications) is used to achieve a high performance drive with a random access time of 100 ms, that supports multisession PHOTO-CDs, and that complies with MPC-3. In addition, a three-stage operation mode control function for active, standby, and sleep is built-in to conserve battery power. When not used for 120 sec. while in the active mode the drive is automatically switched to the standby mode.



FEATURES

1. IDE (ATAPI) compliant.
2. 10.8X-24X high performance operation.
3. 100ms random access time.
4. Supports U-DMA and Multi-Block Transfers.
5. Multimedia (MPC-3) compliant.
6. Multisession PHOTO-CD supported.
7. Ultra-thin 12.7mm height design.
8. Long life brushless motor.
9. Mountable horizontally and vertically.
10. 5V single power supply.
11. Also available without bezel.
12. CD-R and CD-RW also can be played.
13. Designed for low power consumption-only 0.1W during sleep.



SPECIFICATIONS

Disc Format		ISO 9660	
Data transfer rate	Mode 1	1620KBytes/s (Disc inner 10.8X SPEED) 3600KBytes/s (Disc outer 24X SPEED)	
	Mode 2	1900KBytes/s (Disc inner 11.05X SPEED) 4224KBytes/s (Disc outer 24X SPEED)	
Random access time		100ms (typ.) (F-CAV mode)	
Read error rate	ECC ON	1 block/10 ⁻¹² bits	
	ECC OFF	1 block/10 ⁻⁹ bits	
MTBF		50,000 POH (Duty 20%)	
Host interface		ATAPI/Enhanced IDE Interface	
Audio outputs		Line output	
Operating mount		Horizontal	
Environmental conditions	Operating	Temperature	5°C to 50°C
		Relative humidity	20% to 85%
	Non-operating	Temperature	-20°C to 60°C
		Relative humidity	10% to 95%
Power requirements	Voltage		DC5V±5%
	Wattage Consumption		3.4W (Active mode, typ.) at DC 5V 0.1W (Sleep mode, max.) at DC 5V
Dimensions		128 (W) × 129 (D) × 12.7 (H)	
Weight		0.17 (kgw) ±0.05 (kgw)	

■ Design and specification subject to change without notice.

DIMENSIONS

