

Performance Characteristics:

Storage Capacity.....	553 MBytes (mode 1) 635 MBytes (mode 2)
CD-ROM Format.....	Philips/Sony Standard ISO/IEC 10149
Maximum Sustained.....	153.6 KBytes/sec (mode 1) [1]
Transfer Rate.....	176.4 KBytes/sec (mode 2)
Access Time.....	375 msec average 800 msec maximum
Average Latency.....	60 msec (inner track) 155 msec (outer track)
Initialization Time.....	≤ 5 sec [2]
up to Sector 00:02:00 with a Disc of < 5 tracks	
Start up Time to.....	≤ 2 sec [3]
Sector 00:02:00 from Idle	
Error Rates.....	< 1 in 10(15) bits/read

Notes: [1] Mode 1 devotes 288 bytes per sector to error correction.

[2] After power up, Break command, or disc change

[3] Once initialization has been performed.

Audio Specifications:	(Only For Line Outputs)
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RMS Output Voltage.....	1.2 Volts Typical
Signal-to-Noise Ratio.....	80 dB Minimum
Channel Separation.....	80 dB Typical
THD and Noise.....	0.5% @ 1kHz into 10K ohm load
Frequency Response.....	1/3 dB 20 to 20 kHz
Headphone Connector.....	3.5-mm 1/8-inch stereo jack

Physical Dimensions:

Height.....	1 11/18 inches (43 mm)
Width.....	9 3/4 inches (247.7 mm)
Depth.....	10 1/2 inches (266.7 mm)

Power Supply Requirements:

Power Dissipation.....	7W Typical 12W Start up and Seek
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The DC power line connection..... Pin 1 (+12V) and Pin 4 (+5V).
is routed through the DC connector.

The driver power requirements are..... 5 VDC <700 mA
12 VDC <800 mA

Environmental Operating Limits:

Ambient Temperature..... 41°-131°F (5°- 55°C)
Temperature Grad..... 20°F/hr (11°C/hr)
Relative Humidity..... 10% to 80% (Noncondensing)
Altitude..... -1000 to 11,155 ft
(-305 to 3400 m)

(rjs-05/17/93)