

SQ-TC500N 4X CD-ROM Changer



Features:

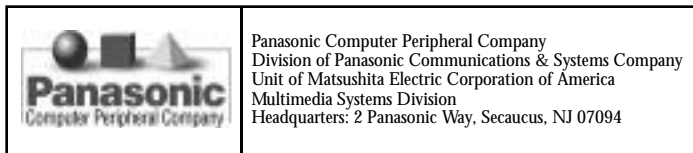
- 4X Speed -600kB/sec for Ultra-Fast CD-ROM Access
- Easy Exchange Disc Tray System
- Plays CD-ROMs and Audio CDs
- E-IDE Standard Interface with ATAPI Support
- Easy to Use Software Included
- Installs in 80386, 80486 and Pentium based AT Compatible Computers. 16-bit ISA slot required for interface card. Industry standard interface Enhanced IDE interface with ATAPI support helps ensure that your drive works with your system.

Kit Contents:

- 5-Disc CD-ROM changer - 1/2 height mount
- Simple step-by-step instruction manual & handy reference guide
- Eject pin/mounting screws (4 pcs)
- Interface & audio cables
- E-Z installation software/Windows 95/ Windows 3.1, 3.11/ DOS

All product/brand names are trademarks or registered trademarks of their respective holders. Specifications subject to change without notice.
Product may be subject to export control regulations.
Copyright ©1997 Matsushita Electric Corporation of America. All rights reserved.

O n l i n e S p e c S h e e t



w w w . p a n a s o n i c . c o m / a l i v e

SQ-TC500N Specifications

Performance

Disc diameter	4.75", 3.16" (Optional adaptor required)
Disc speed	Normal Velocity 200-530rpm Constant Linear Velocity
Data Capacity	656M Bytes (Mode 1), 748M Bytes (Mode 2)
Data transfer Rate	Sequential (1X) 150k Bytes/sec (Mode 1) Sequential (4X) 600k Bytes/sec (Mode 1) ¹
From buffer	3.33MB/sec (PIO mode 0 with IORDY) 16.7MB/sec (PIO mode 3 with IORDY)
Access Time	1Avg. 1/3 stroke ² 220msec Typ.
Buffer memory capacity	128k Bytes
MTBF ³	100,000 (power on hours 10% duty cycle)
Soft read error	Less than 10 ⁻⁹
Hard read error	Less than 10 ⁻¹²

Audio Performance

Number of channels	2
Frequency response	20Hz-20kHz +0.5, -3dB (Line-out)
Signal to Noise Ratio	More than 85dB (Line-out)
Distortion	Less than 0.1% (1 kHz, Line-out)
Output level	
Line out	0.8 Vrms (50 kilohms)
Headphone	0.6 Vrms (32 ohms)

General Performance

Power requirement	DC 12V = 1.5A (Peak)	
Dimensions (W x H x D)	5-3/4" x 1-5/8" x 8-13/16"	
Weight	2.9 lbs.	
Environmental Conditions	Operating	Non-Operating
Temperature	5 - 45°C	-20 - 60°C
Humidity	20 - 90% Rh (Non-condensing)	20 - 90% Rh (Non-condensing)

System

Requirements

- 1 Average of 650M Bytes Transfer time
2 Access time: Average of data read from 01 min 00sec to 21min 00sec and from 10min 00sec to 30 min 00sec.
3 MTBF: Read and Access duty is 10% of power on time. (At normal temperature and humidity.)
Note: Windows is a registered trademark of Microsoft Corporation.