

SQ-TC512N 12X CD-ROM Changer



Features:

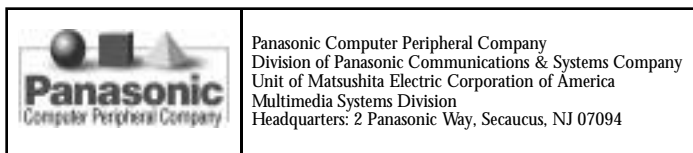
- 12X Speed -1.5MB/sec for Ultra-Fast CD-ROM Access
- Easy Exchange Disc Tray System
- E-IDE Standard Interface with ATAPI Support
- Plays CD-ROMs, CD-ROM XA, Photo-CD, CD-DA, CD-Extra, Video-CE, CD-I, CD-R, audio CDs
- CD-ROM Changer Has 100,000 Hour MTBF Reliability
- Windows 95, Windows 3.1, 3.11, Windows NT 4.0, DOS 5.0 or higher

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

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-TC512N Specifications

Performance

Disc diameter	4.75", 3.16" (Optional adaptor required)
Disc speed	Normal Velocity 200-530rpm Constant Linear Velocity Avg. 12X Velocity 2400 - 4750rpm Constant Linear Velocity
Data Capacity	656M Bytes (Mode 1) 748M Bytes (Mode 2)
Data Transfer Rate	1200k - 1650k Bytes/sec 1500k Byte/sec (average) ¹
From buffer	8.33MB/sec (single word DMA mode 2) 16.7MB/sec (PIO mode 4 with IORDY)
Access Time	130msec Typ. ²
Buffer memory capacity	128k Bytes

MTBF³ 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 8 MB of RAM, 3 MB of free space on hard disk

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.