

LK-MC682BP 32X Internal ATAPI CD-ROM

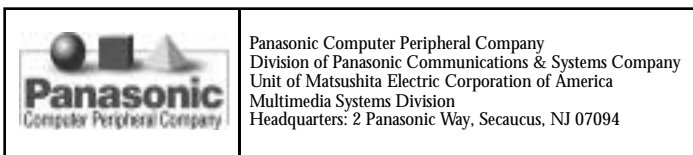


Features:

- Easy installation
- 32X speed lets you transfer data and load applications faster than ever
- Super fast performance for games and multimedia applications
- Internal ATAPI kit. Industry standard interface helps insure that your drive works with your system.
- Supports major operating systems and environments (PC DOS version 6.3 & higher, MS-DOS version 6.2 & higher, Windows 3.1/3.11, Windows 95, Windows NT 3.5 & higher, OS/2 2.1/2.11, and WARP 3 & 4)
- Panasonic support and web page support
- 2 Year limited warranty (see your dealer for details)
- Power save feature
- Supports all major CD formats

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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

LK-MC682BP Specifications

Compatibility	CD-ROM (mode 1 and 2), CD-ROM XA (mode 2 form 1 and 2), CD-I (mode 2 form 1 and form 2), CD-I Ready, CD-I Bridge, Photo CD (Single and multiple session), CD-WO (fixed and variable packets), Video CD (requires hardware or software MPEG- not included), CD-Audio, Enhanced Music CD (CD Plus), CD-RW and CD-R.	
Disc speed	Maximum: 7376 RPM (CAV Mode)	
Data transfer Rate	2055-4800 Kbytes/sec (Mode 1) 2343-5472 Kbytes/sec (Mode 2)	
Burst Rate	16.7 Mbytes/sec (Multi-word DMA mode 2) 8.33 Mbytes/sec (Single word DMA Mode 2)	
Access Time (32X CAV Mode)	65 msec (Random)* 80 msec (1/3 Stroke)** 120 msec (Full Stroke)***	
Read Error (Mode 1) (Mode 2 Form 1) (Mode 2 Form 2) (CD-Audio)	Less than 10 ⁻¹² Less than 10 ⁻¹² Less than 10 ⁻⁹ Less than 10 ⁻⁹	
Seek Error	Less than 10 ⁻⁶	
Mean Time Between Failure	125,000 Power On Hours****	
Audio Performance	Number of channels 2 (Stereo) Frequency response 20Hz-20Khz (+0.5-3.0db – Line out) Signal-Noise Ratio Greater than 80db Distortion 0.1% max. (at 1 KHz) Output level Line out 0.8 Vrms typ. Headphone 0.6 Vrms typ.	
Audio Connections	External Mini-Din Headphone Jack Internal Analog Audio Connector Internal Digital Audio Connector	
Volume (Headphone)	Knob Type Volume Control (Front Panel)	
Power Requirement	DC 5V=1.2A (Peak) DC 12V=1.5A (Peak)	
Dimensions (WxHxD)	5.75" x 1.63" x 7.48"	
Weight	2.11 lbs.	
Environmental Conditions	Operating	Non-Operating
Temperature	5° -50°C	30° -65°C
Humidity	5%-90% Rh (Non-Condensing)	5%-95% Rh (Non-Condensing)

*Average of Data read over the whole area form 00 min. 02 sec. 00 block to 59 min. 58 sec. 74 block more than 2,000 times including latency and layered error correction time.

**From 00 min. 02 sec. 00 block to 20 min. 00 sec. 00 block including latency and layered error correction time.

***From 00 min. 02 sec. 00 block to 59 min. 58 sec. 74 block including latency and layered error correction time.

****MTBF: Read and Access duty is 20% of power on time. (At normal temperature and humidity).