

LK-MC608S/608BP SCSI Internal/External 8X CD-ROM Drive



- Internal Drive Kit Contents: 50 Pin SCSI Cable, Universal Sound Card Audio Cable, Mounting Screws, Software Drivers, Manual & Handy Reference Guide
- External Drive Kit Contents: Power Cord, 50 to 25 Pin SCSI Cable, Vertical Stand, Software Drivers, Manual & Handy Reference Guide.
- 2 year limited warranty (see your dealer for details).

Bonus Software Package 1

Pana-CD Handler for Windows application makes using every application easier. Launch applications with a single click of the CD-Handler Toolbar!

Bonus Software Package 2

Pana-CDMagic Windows Application makes playing all multimedia files easy. Includes CD-i**, Video-CD**, VFW, CD-Audio, Photo-CD, QuickTime and Karaoke players.

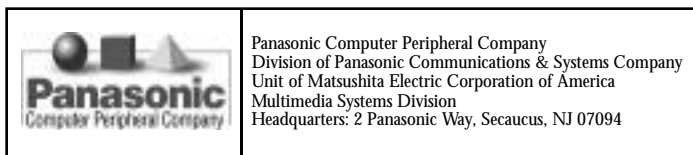
Bonus Software Package 3

Microsoft Video for Windows and Apple QuickTime for Windows are bundled with the drive! These system enablers will bring full motion video to your PC.

Panasonic is pleased to present the LK-MC608 Internal/External SCSI CD-ROM Drive. Manufactured by the worldwide leader in CD-ROM Drives, both configurations offer a wide array of desired features and proven reliability.

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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-MC608S/608BP Specifications

Disc speed

Normal Velocity	200-530 rpm (Constant Linear Velocity)
Double Velocity	400-1060 rpm (Constant Linear Velocity)
Octuple Velocity	800-2120 rpm (Constant Linear Velocity)
Data Capacity	656 MBytes (Mode 1)/748 MBytes (Mode 2)

Data Transfer Rate

1x Mode	150/171 KBytes/sec mode 1/ mode 2
2x Mode	300/342 KBytes/sec mode 1/ mode 2
8x Mode	1200/1368 KBytes/sec mode 1/ mode 2
From Buffer	5.0/10.0 MBytes/sec (Async/Sync mode)

Random Access Time

1x/2x/8x Mode	350 Msec***/250 Msec***/150 Msec*** (175 Msec seek time**)
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Fullstroke Access Time

1x Mode	540 Msec**
2x Mode	440 Msec**
8x Mode	310 Msec**
Buffer Size	256 KBytes
MTBF	125,000 power on hours (Duty 20%)

Error Rates

Mode 1	Less than 1 in 10 E12
Mode 2	Less than 1 in 10 E9
Mode 1 Form 1	Less than 1 in 10 E12
Mode 2 Form 2	Less than 1 in 10 E9
CD-Audio	Less than 1 in 10 E9

Audio Performance

Number of Channels	2 (Stereo)
Sampling Frequency	44.1 kHz
Frequency Response	100 Hz-20 kHz (Headphone) 20 Hz-20 kHz (Line-Out)
Signal to Noise Ratio	More than 83 dB (Line-Out)
Distortion	Less than 0.1% (Line-Out)
Channel Separation	65 dB (Line-Out) Output Level
Line-Out	0.8 Vrms @ 47K Ohm (max)
Headphones	0.6 Vrms @ 32K Ohm (max)

General Characteristics

Mounting	Vertical or Horizontal
DC Power 12 V	±10% 0.2 amp typical, 1.3 amp max.
DC Power 5 V	±5% 0.4 amp typical, 1.3 amp max.

Dimensions (WxHxD)

Internal/External	5.75"x1.63"x7.99"/6.22"x2.26"x14.4"
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Weight

Internal/External	2.05 lbs./5.95 lbs.
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Disk Diameter	Accepts 4.72" (120mm) and 3.15" (80mm) discs
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Disk Ejection	Auto (via host) or manual (front panel)
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Lens	Automatic Cleaning
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Volume	Dual button (headphone) electronic control
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Environmental Conditions

Operating	Operating	Non-operating
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Temperature	41° - 112°F	-22° - 149°F
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Humidity	5% - 90%	5% - 95%
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	Relative Non-condensing	
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Laser Pick Up	Semiconductor Laser
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Wave Length	790±25nm
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Divergence	0=53.5%
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Output power	0.14 mW
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Check to see the required Operating System is listed. **Seek time is for head to seek to target track (does not include latency).***Average Data read over the whole area from 00 minutes 02 sec. 00 block to 59 min. 58 sec. 74 block more than 2000 times including latency and layered error correction time. (Test Disk: MNSU-005)**from 00 minutes 02 sec. 00 block to 59 min. 58 sec. 74 block including latency and layered error **from 00 minutes 02 sec. 00 block to 59 min. 58 sec. 74 block including latency and layered error correction time. (Test Disk: MNSU-005)