

CD-RW OptoRite 48x16x48

Generalidades

- > ExaLink prevents Buffer Under Run
- > EXACT-Rec (Enhanced eXtracting & Adapting Control Technology for Recording) monitors accuracy of writing
- > AWSS (Advanced Weighting Suspension System) Technology reduce vibration & noise.
- > ROPC technology boosts recording reliability
- > Compatible with MS-DOS, Windows 95/98/ME/XP, Windows NT/2000.



Especificaciones

- > Enhanced IDE/ATAPI Interface
- > Support discs capacity: 790MB(90min)/700MB(80min)/650MB(74min)
- > Support discs diameter: 8/12cm
- > Disc formats: CD-DA, CD-ROM, CD-ROM/XA, Mixed mode, CD-I, Video-CD, Photo CD, CD Extra, CD-TEXT.
- > Writing Model: Disc At Once, Track At Once, Session At Once, Multi-session, Packet Writing.
- > Fully supports both variable and fixed packet reading and writing (CD-UDF compatible)
- > 48X max. read speed
- > 4X, 8X, 12X, 16X, 24X, 32X, 40X, 48X write speed for CD-R 4X, 8X, 12X, 16X write speed for CD-RW
- > Maximum 40X audio extraction
- > 2 MB internal buffer

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- > MMC 3 compliant (write)
 - > ATAPI SFF8020 V2.6 compliant (read)
 - > ISO 9660 compliant
 - > Supports PIO mode4 and UDMA mode2
 - > Power-saving feature
 - > Motorized easy touch tray loading
 - > Build-in headphone jack, volume control Knob and play/skip button
 - > Firmware upgradeable

Performance

- > Data transfer rate
 - Read 7,200 KB/s (Max.)
 - Re-Write: 2,400 KB/s (Max.)
 - Write: 7,200 KB/s (Max.)
- > Random Access Time: 100 ms (Typical)

Type

- > Interface: E-IDE/ATAPI
- > Loading: Tray type
- > Mounting: Horizontal & Vertical

Error Rates

- > Soft read error: $<10^{-9}$
- > Hard read error: $<10^{-12}$

Audio performance

- > Number of channels: 2 (Stereo)
- > Frequency response: 20Hz~20 KHz (+0.5dB,-3.0dB)
- > S/N ratio: > 65 dB (f =1KHz)
- > Distortion: < 0.5% (LPF 20KHz,f =1KHz)
- > Line out: 0.7 Vrms (Typical)
- > Head phone: 0.7 Vrms (Typical)

Physical Specification

- > Dimensions(WxHxD): 146x41.7x194.2mm
- > Weigh: 0.85Kg(bare drive)
- > Power Requirements: DC+5V/+12V, 2.0A (Max.)

Environmental conditions

- > Temperature
 - Operation: +5°C to 45°C
 - Non-operation: -20°C to + 60°C
- > Humidity
 - Operation: 20% to 80% RH
 - Non-operation: 20% to 90% RH

Reliability

> MTBF: > 60000 POH (Duty cycle 25%)