

LITEON 48X_{MAX} CD-ROM DRIVE

LTN-486(S), LTN-485(S), LTN-483(S/L)

Features :

- ❖ 48X CD-ROM with Pure-CAV Technology
- ❖ E-IDE Interface, Support all PIO, MW-DMA, Ultra DMA/33 modes
- ❖ Supporting Power Saving Function
- ❖ Supporting High Speed Digital Audio Extration (DAE)
- ❖ Supporting High Speed VCD Data Extration
- ❖ Supporting Plug & Play ; Emergency Manual Eject
- ❖ High Speed CD-Audio Playback Technology to Improve Audio Playability
- ❖ Access All Format CD , CD-R , CD-RW Title & Disc (Support up to 99min)
- ❖ Easy-Tray® Design for Both Horizontally & Vertically Use
- ❖ Gear-Driven Tray Loading Mechaniamsm to Improve Reliability
- ❖ ABS® Auto Balance System (486,485) Mecha to Reduce Vibration & Noise
- ❖ WSS® Wire Suspension System (483) Mecha to Reduce Vibration & Noise

Specifications :

- ❖ **Speed:** CD-ROM 48X (20X~48X, Average 36X)
- ❖ **Interface:** ATAPI-E/IDE
- ❖ **Sustained Transfer Rate:** 3000~7200KB/sec (Average:5400KB/sec)
- ❖ **Burst Transfer Rate:**
 - PIO mode 4 16.6MB/sec
 - SW DMA 2 8.3MB/sec
 - MW DMA 2 16.6MB/sec
 - Ultra-DMA/33 33.3MB/sec
- ❖ **Access Time:** 80ms (typical)
- ❖ **Support Disc Format:**
CD-ROM/XA, CD-DA, Mixed-Mode, CD-I, VCD, Photo-CD, CD-Extra, CD-TEXT
CD-R, CD-RW, Single/Multi-Session, Karaoke-CD, I-Trax, E-CD, 8cm & 12cm disc
- ❖ **Support Operating System:** DOS 6.xx, Windows 95/98/NT/ME/2000, OS2 Warp
- ❖ **MTBF:** 120'000 Power On Hours with 10% Duty
- ❖ **Audio:** S/N >= 60dB
Earphone >= 0.5Vrms @ 1KHz
- ❖ **Temperature & Humidity:**
Operating: 5C to 45C ; RH: 15% to 80% , Non-Condensing
Non-Operating: -20C to 60C ; RH: 15% to 90% , Non-Condensing
- ❖ **Dimension :**
WxHxD: 145.8 x 41.3 x 190.0mm
Weight: <= 1.0Kg
- ❖ **Power Requirement:**
DC + 5 V (+/- 5%, 100mVpp ripple) 1.0 A (max), 0.3 A (min)
DC +12 V (+/- 5%, 200mVpp ripple) 1.5 A (max), 0.05 A (min)
- ❖ **User Interface:**
LED Indicator, Stereo Ear Phone Jack, Volume Knob, Stop/Eject Button, Play/Skip Button
IDE Socket, Power Input, Analog Audio Output, Digital Out, Master/Slave/CS Jumper

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