

#### TR-1U-CD/DVD



TR-1U-CD/DVD is a 1U rack mount chassis that houses a SLIM CD/DVD-R/W drive that is accessible via USB connection. Warranty is 1 year. Two versions are available -01 single and -02 double drives.

TR-1U-CD/DVD is based on LG model GP65 that has following features:

- Safely store up to 4.7 GB of data on DVD disk
- Universal Serial Bus (USB) 2.0 for high speed data transfers
- Compatible with M-Disc optical media
- Buffer Under Run error protection technology
- Emergency eject support
- Combination of CD-R/R, DVD-R/RW, DVD+R/RW, DVD+R DL, M-disk (DVD+R SL) and DVD-RAM into one drive
- Supports region playback control Phase II
- PC USB powered, no AC adapter needed

Ordering instructions:

TR-1U-CD/DVD-01 with a single CD/DVD-R/W and 3-foot USB cable US \$195.00

TR-1U-CD/DVD-02 with a dual CD/DVD-R/W and two 3-foot USB cables US \$285.00

M DISC™ optical media allows to store data for up to 1000 years. M DISC™ is the new standard for digital archival storage. Unlike traditional optical media, which utilize dyes that can break down over time, data stored on an M DISC is engraved on a patented inorganic write layer - it will not fade or deteriorate. This unique engraving process renders these archival grade discs practically impervious to environment exposure, including light, temperature, and humidity.

ISO/IEC 16963 standard longevity tests have proven the durability of M DISC technology, and it withstood rigorous testing by the US Department of Defense. Based on ISO/IEC 16963 testing, M DISC media has a projected lifetime of several hundred years.

### TR-1U-CD/DVD

#### Specifications

**Storage:** up to 4.7 GB on DVD media

#### Data Transfer Rate:

- CD-ROM: 3,600 kB/s (24 x max)
- DVD-ROM: 11.08 MB/s (8 x max)

**Buffer Capacity:** 0.75

**MTBF:** 60,000 Power (Duty Cycle 10%)

#### Power Requirement:

- 5 V DC
- 50 mA, 150 mA with backlight option

#### Operating Environment

**Humidity:** 10% to 90% RH non-condensing

**Temperature:** 5 °C to 40 °C

#### Storage Environment

**Humidity:** 50 % RH max

**Temperature:** -30 °C to 60 °C

#### Supported Discs:

- DVD-ROM(Single/Dual), DVD-RW,DVD-R,DVD+RW,DVD+R,DVD+R Double layer, DVD-R Dual layer, DVD-RAM, M-disc(DVD+R SL), CD-Digital Audio &CD-Extra, CD-Plus, CD-ROM, CD-ROM XA Ready, CD-I FMV, CD-TEXT, CD-Bridge, CD-R, CD-RW, Photo-CD(Single & Multy-Session), Video CD, DVD-VIDEO

#### Dimensions:

- 17 wide,1.75" high,9" deep with ears for 19" rack mount

**Weight:** Single- 3.0 LB /1.35 Kg;Dual- 3.3 LB, 1.5 Kg;

**Interface:** USB 2.0 (3.0 Compatible)

#### Read/Write Speed:

**DVD-ROM:** -;8 x max **DVD-R:** 2 x,4 x,8 x;8 x max

**DVD-R DL:** 2 x,4 x,6 x;8 x max

**DVD-RW:** 2 x,4 x,6 x;8 x max

**DVD-RAM (Ver. 2.2):** 2 x, 3 x 5 x; 6 x max

**DVD+R:** 2.4 x,4 x,8 x; 8 x max

**M-Disc (DVD+R SL):** 4x; 8 x max

**DVD+R DL:** 2.4 x,4 x,6 x;8 x max

**DVD+RV:** 2 x,4 x,6 x; 8 x max

**CD-R:** 10 x,16 x,24 x; 24 x max

**CD-RW:** 4 x,10 x,16 x,24 x; 24 x max

**CD-ROM:** -; 24 x max

**CD-DA(DAE):** -; 24 x max

#### Computer requirements

##### System Requirements

**CPU:** Pentium IV 2.4 GHz or Higher (with USB 2.0) for basic performance (Recommended for optimal performance: Pentium IV 3.2 GHX or Higher)

**Memory:** 256 MB or larger (Recommended: 512 MB)

**Hard Disk:** 20 GB or more free space (The free space needed for writing depends on the quality of data)

**Video Memory:** 64 MB (Recommended: 128 MB).

**Interface:** USB 2.0 (3.0 Compatible)

**Software Required OS:** Windows 10/8.1/8/7/Vista XP(SP3),Mac OS X v.10.7.5 or Higher

#### Order:

TR-1U-CD/DVD-01 with a single CD/DVD

TR-1U CD-DVD-02 with a dual CD/DVD