



(DW-224E-V IDE TYPE)

24/24/24 & 8x CD-RW & DVD-ROM

CD Recordable/Rewritable and DVD-ROM DRIVE
Suitable for Notebook PCs

DW-224E-V (IDE) DW-224S-V (SATA)

- Standard half inch design
- Buffer underrun Prevention
- Supporting disc-at-once, session-at-once, packet write, and track-at-once recording mode
- Horizontal and vertical mounting for most system configurations

	CD-224E-V	CD-224S-V
Write Speed	CD-R 24x (CAV), 16x (CAV), 10x (CLV), 4x (CLV)	4x (CLV)
	CD-RW US	24x (CAV), 10x (CLV)
	HS	10x (CLV), 4x (CLV)
	MS	4x (CLV)
Read Speed	DVD-ROM	8x (CAV)
	DVD-Video *1	4x (CAV)
	DVD±R	8x (CAV)
	DVD±RW	8x (CAV)
	DVD±R DL (Finalized Disc)	8x (CAV)
	DVD-RAM (4.7GB)	5x (CAV)
	CD-ROM	24x (CAV)
	CD-R	24x (CAV)
	CD-RW	24x (CAV)
	CD-DA (DAE)	20x (CAV)
Play Audio *1	4x (CLV)	
Video CD *1	20x (CAV)	

	ATA/ATAPI (IDE)	Serial ATA (SATA)
Disc Diameter	12cm, 8cm	
Interface	ATA/ATAPI (IDE)	Serial ATA (SATA)
Data Transfer Rate	Programmed I/O (PIO) 16.7MB/s max. (PIO mode 4)	
	Burst DMA 16.7MB/s max. (Multi Word DMA mode 2)	
	Burst Ultra DMA 33.3MB/s max. (Ultra DMA mode 2)	
Average Random Access Time	90ms typ. Average (CD-ROM, 24x)	
Random Access Time	110ms typ. Average (DVD-ROM, 8x)	
Data Buffer	2MB	
Loading Mechanism	Drawer Type	
Environment Condition	Ambient Temperatures Operating : 5 to 45°C	
	Relative Humidities Operating : 8 to 80% (non-condensing) *2	
Power Requirements	DC+5V ± 5%	
Current Consumption	Standby/Sleep : 25mA (Average current max)	
	During starting/seek ; 1500mA (Peak current max)	
MTBF	60,000POH (10% duty)	
Safety Standard	Approved by UL, CSA, TÜV CE and BSMI	
Dimensions	128.0W x 12.7H x 129.4D (mm)	
Mass (Weight)	178g or less	
RoHS Directive	Complied	

Remarks
Please check the specification sheets for detailed conditions and other information.
*1 Playback mode
*2 The maximum wet-bulb temp. is 29.4°C or less

is a trademark of Koninklijke Philips Electronics N.V.

is a trademark of DVD Format/Logo Licensing Corporation registered in the U.S., Japan and other countries.

Corporate and product names are the respective trademarks or registered trademarks of the companies mentioned. Features and specifications are subject to change without notice. Precaution : To ensure safe handling and operation, read the Instruction Manual before use.

TEAC CORPORATION Data Storage Products Division

TEAC CORPORATION (<http://www.teac.co.jp>) 1-47 Ochiai, Tama-shi, Tokyo 206-8530 Japan Phone:81-42-356-9153 Fax:81-42-356-9184

TEAC AMERICA, INC. (<http://www.teac.com>) 7733 Telegraph Road, Montebello, California 90640, U.S.A. Phone:1-323-726-0303 Fax:1-323-727-7656

TEAC EUROPE GmbH. (<http://www.teac.de>) Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany Phone:49-611-71580 Fax:49-611-7158-392

TAIWAN TEAC CORPORATION (<http://www.teac.com.tw>) 3F No.45, Sec.1 Min Chuan E. Road, 104 Taipei, Taiwan R.O.C. Phone:886-2-2597-8608 Fax:886-2-2597-8591

TEAC ELECTRONICS (M) SDN BHD (<http://www.teac.com.my>) Lot 22, Batu Berendam Ftz III, Batu Berendam, 75350 Melaka, Malaysia. Phone:60-6-2843402 Fax:60-6-2843471

© Copyright TEAC CORPORATION 2007