SONY

PDW-U2

XDCAM Professional Disc Drive Unit



Overview

Compact unit supports all XDCAM file formats

The PDW-U2 extends the IT credentials of XDCAM by offering a simple and portable drive that can be used with a PC or Mac for viewing purposes (using free Sony software) or full read/write access with a compatible NLE. As a highly successful alternative to the PWD-U, the PDW-U2 supports the use of four, double and single XDCAM Professional Disc media, offering capacity of up to 128 G. Rewritable Triple layer discs will be supported at a later stage.

Features

Handles all XDCAM file formats
The PDW-U2 handles files in all formats: XDCAM HD422, XDCAM HD and XDCAM SD. The unit also allows data file recording using a User Data folder

Supports high capacity quad-layer Professional Discs
The PDW-U2 supports quad-layer write-once (PFD128QLW), dual-layer (PFD50DLA) and single layer (PFD23A) Professional Discs, offering high capacity and new workflow capabilities, with over four hours of recording at HD422 50 Mbps.

High-speed read / write
The PDW-U2 offers speeds 2.6 times (read) / 1.5 times (write) faster than the PDW-U1 with the newly developed 2-channel 1-head DCHS drive.

Access Professional Discs directly from a PC
The PDW-U2 offers the ability to directly access files on Professional Disc from a PC connected via a USB cable. The system supports the Super Speed USB (USB3.0) interface and the Hi-Speed USB 2.0 interface.

Compact design
The PDW-U2 is small and light, inheriting the concept of the PDW-U1. It can be operated either horizontally or vertically.

Specifications

General	
Power Requirements	DC 12 V (AC adaptor supplied)
Power Consumption	19.2 W
Operating Temperature	5°C to 40°C 42°F to 104°F
Storage Temperature	-20°C to +60°C -4°F to +140°F

General	
Humidity	20% to 90% (relative humidity)
Mass	1.7 kg 3 lb 12 oz
Dimensions (W x H x D) *1	67.4 x 164 x 219 mm (excluding protrusions) 2 3/4 x 6 1/2 x 8 5/8 inches (excluding protrusions)
Recording/Playback Format (Video)	MPEG HD422 (CBR, 50 Mbps) MPEG HD: - HQ mode (VBR, maximum bit rate: 35 Mbps), - SP mode (CBR, 25 Mbps), - LP mode (VBR, maximum bit rate: 18 Mbps), MPEG IMX (CBR, 50/40/30 Mbps) DVCAM (CBR, 25 Mbps)
Recording/Playback Format (Audio)	MPEG HD422: 8 ch/24 bits/48kHz, MPEG HD: 4/2 ch/16bits/48kHz, MPEG IMX: 8 ch/16 bits/48 kHz, or 4 ch/24 bits/48 kHz, DVCAM: 4 ch/16 bits/48 kHz
Recording/Playback Format (Proxy Video)	MPEG-4
Recording/Playback Format (Proxy Audio)	A-law (8 ch/8 bits/8 kHz)
Recording/Playback Time (MPEG HD422)	50 Mbps: Approx. 95 min (PFD50DLA), Approx. 43 min (PFD23A)
Recording/Playback Time (MPEG HD)	35 Mbps, 4-ch audio: More than 145 min (PFD50DLA), More than 65 min (PFD23A) 35 Mbps, 2-ch audio (playback only): More than 150 min (PFD50DLA), More than 68 min (PFD23A) 25 Mbps, 4-ch audio: Approx. 190 min (PFD50DLA), Approx. 85 min (PFD23A) 25 Mbps, 2-ch audio (playback only): Approx. 200 min (PFD50DLA), Approx. 90 min (PFD23A) 18 Mbps, 4-ch audio (playback only): More than 248 min (PFD50DLA), More than 112 min (PFD23A) 18 Mbps, 2-ch audio (playback only): More than 265 min (PFD50DLA), More than 122 min (PFD23A)
Recording/Playback Time (MPEG IMX)	50 Mbps: Approx. 100 min (PFD50DLA), Approx. 45 min (PFD23A) 40 Mbps: Approx. 120 min (PFD50DLA), Approx. 55 min (PFD23A) 30 Mbps: Approx. 150 min (PFD50DLA), Approx. 68 min (PFD23A)
Recording/Playback Time (DVCAM)	25 Mbps: Approx. 185 min (PFD50DLA), Approx. 85 min (PFD23A)

Media Drive

Media Type	Professional Disc Drive (x1)

Input/Output

USB	Super Speed USB (USB 3.0) (x1)

Supplied Accessories

Supplied Accessories	Operation manual (1) XDCAM Drive Software (1) XDCAM Browse Software (1)

Notes

Note	[*1] The values for dimensions are approximate.

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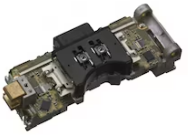


PDW-850

Three 2/3-inch Power HAD FX CCD sensors XDCAM HD422 ultimate Professional Disc camcorder with best picture quality and easy-to-share and archive media

Gallery















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