

PDW-U2

XDCAM Professional Disc Drive Unit



PRELIMINARY PRODUCT INFORMATION



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. The PDW-U2 also supports the use of Quad Layer and Dual layer XDCAM media, offering capacity of up to 128 GB.

This product comes with the full PrimeSupport package. That's fast, hassle-free repairs, a helpline offering expert technical advice, and a free loan unit while yours is repaired. Plus the peace of mind that Sony is looking after your equipment – and your business.

Features

Handles all XDCAM file formats

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

Technical Specifications

General	
This is preliminary information prepared for NAB 2011.	All features and specifications are subject to change without notice.
Mass	1.7 kg (3 lb 12 oz)
Dimension (W x H x D)	67.4 x 164 x 219 mm (2 3/4 x 6 1/2 x 8 5/8 inches)
Power requirements	DC 12 V
Power consumption	19 W
Operating temperature	5 to 40°C (+41 to +104 °F)

High Capacity and New Workflow via Quad-Layer Professional Discs

The PDW-U2 supports quad-layer write-once (PFD128QLW) in addition to dual-layer disc (PFD50DLA) and single layer disc (PFD23A). This gives it high capacity and a new workflow via quad-layer write-once media support. Offers over four hours of recording with HD422 50Mb/s, reducing the cost-per-media capacity and utilizing memory media material as storage media.

High-speed Read / Write

High-speed read/write with the newly developed 2-channel 1-head DCHS drive with 2.6 times (read) / 1.5 times (write) faster than the PDW-U1 of a Single or Dual-layer Disc.

Direct Access to Professional Disc files from a USB-connected PC

The PDW-U2 offers the ability to have direct access to the files on Professional Disc from a PC connected via a USB cable. The system supports Super Speed USB (USB3.0) interface/Hi-SpeedUSB 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.

Storage temperature	-20 to +60°C (-4 to +140 °F)
Humidity	20 to 90% (relative humidity)

Recording format	
Video	MPEG HD422 (50 Mb/s) MPEG HD (35/25/18 Mb/s) MPEG IMX (50/40/30 Mb/s) DVCAM (25 Mb/s)
Proxy Video	MPEG-4
Audio	MPEG HD422: 8 ch/24 bits/ 48kHz MPEG HD: 4/2 ch/16bits/ 48kHz MPEG IMX: 8 ch/16 bit/48 kHz, or 4 ch/24 bit/48 kHz DVCAM: 4 ch/16 bit/48 kHz

Interfaces	
	Super Speed USB (USB 3.0)
	Hi-Speed USB (USB 2.0)

Connector	
	USB3.0 Standard B x 1

Supplied Accessories	
	Operation manual (x1)
	XDCAM Drive Software (x1)
	XDCAM Browser Software (x1)