

**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.

**Leistungsmerkmale**

**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

**Technische Daten**

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

Mitgeliefertes Zubehör	
	Operation manual (x1)
	XDCAM Drive Software (x1)
	XDCAM Browser Software (x1)