

## PDW-U1 Drive Unit

The PDW-U1\* is a powerful, new addition to the XDCAM family, which offers a compact, mobile, and highly cost-effective solution for many different applications.

It serves as an external drive connected via a common USB interface, and enables material recorded on Professional Disc media to be viewed directly on a PC. The PDW-U1 can also be used as a source feeder for nonlinear editing systems. One of the most distinguished features of the PDW-U1 is its capability to handle both XDCAM HD and SD discs, providing a high level of versatility and cost-efficiency. Its compact and lightweight design makes it equally ideal for field and in-house desktop uses.



- Handles files in all formats of XDCAM HD and SD formats
- Supports the Hi-Speed USB (USB 2.0) interface- compatible with most PCs
- Direct access to files on Professional Disc media from a USB-connected PC
- High-speed file transfers with the newly developed optical drive
- Material browsing on the supplied PDZ-VX10 XDCAM Viewer software and PDZ-1 Proxy Browsing software
- Highly compact and lightweight
- Dimensions (W x H x D): 2 3/8 x 6 1/2 x 9 inches (59 x 164 x 226 mm)
- Weight: 3 lb 1 oz (1.4 kg)
- Can be operated either horizontally or vertically

\*The initial version of the PDW-U1 is read-only, and cannot write files onto Professional Disc media. However, this capability is planned to be available with a software upgrade targeted for release in spring 2008.

## PDW-D1 Drive Unit

The PDW-D1 is an XDCAM disc drive unit specifically designed for use in nonlinear editing systems. The drive unit supports the i.LINK interface supporting DV IN/OUT and File Access Mode\* protocols, allowing connection with a variety of nonlinear editing systems. Its highly compact and lightweight design allows installation in any working environment even on a busy journalist's desktop as well as awkward working areas in the field.

The PDW-D1 provides a smart, yet cost-effective option for editing tasks.



- i.LINK interface supports both DV IN/OUT and File Access Mode protocols
- High-resolution AV file (MPEG IMX/DVCAM) recording via i.LINK (File Access Mode) interface
- DVCAM playback and recording via i.LINK (DV IN/OUT) interface
- Proxy AV Data recording
- i.LINK (DV stream) output from MPEG IMX recordings
- Metadata recording
- Ability to write EDL (Clip List) back onto disc
- High-speed file transfers : 30x for Proxy, 2.5x for DVCAM and 1.25x for MPEG IMX (50 Mb/s) files when using an i.LINK (File Access Mode\*\*) connection
- Equipped with one optical head
- AC/battery-powered operation (battery-connection requires the optional BKP-L551 adaptor.)
- Highly compact and lightweight
- Dimensions (W x H x D): 7 1/4 x 10 1/8 x 3 1/8 inches (182 x 257 x 78 mm)
- Weight: 6 lb 9 oz (3.0 kg)

\*For connection with third party products using this mode, please contact your nearest Sony office.

		PDW-U1	PDW-D1
Power requirements		DC 12 V	AC 100 to 240 V, 50/60 Hz, Battery
Power consumption		10 W	22 W
Operating temperature		+41 to +104 °F (5 to 40 °C)	+32 to +104 °F (0 to 40 °C)
Storage temperature		-4 to +140 °F (-20 to +60 °C)	-4 to +140 °F (-20 to +60 °C)
Humidity		20 to 90% (relative humidity)	20 to 90% (relative humidity)
Weight		3 lb 1 oz (1.4 kg)	6 lb 9 oz (3.0 kg)
Dimensions		2 3/8 x 6 1/2 x 9 inches (59 x 164 x 226 mm)	3 1/8 x 7 1/4 x 10 1/8 inches (78 x 182 x 257 mm)
Recording/ playback format	Video	MPEG HD (50/35/25/18 Mb/s) MPEG IMX (50/40/30 Mb/s) DVCAM (25 Mb/s)	MPEG IMX (50/40/30 Mb/s) DVCAM (25 Mb/s)
	Proxy Video	MPEG-4	MPEG-4
	Audio	MPEG HD: 4/2 ch/16 bits/48 kHz MPEG IMX: 8 ch/16 bit/48 kHz, or 4 ch/24 bit/48 kHz DVCAM: 4 ch/16 bit/48 kHz	MPEG IMX: 8 ch/16 bit/48 kHz, or 4 ch/24 bit/48 kHz DVCAM: 4 ch/16 bit/48 kHz
	Proxy Audio	A-law (8/4/2 ch/8 bit/8 kHz)	A-law (8/4 ch/8 bit/8 kHz)
Interfaces		Hi-Speed USB (USB 2.0)	i.LINK, IEEE1394, DV IN/OUT or File Access Mode
Supplied accessories		Operation manual (x1), PDZ-1 Proxy Browsing Software (x1), PDZ-VX10 XDCAM Viewer Software (x1), Proxy Viewer Software (x1), PDZK-P1 XDCAM Transfer Software (x1), Setup utility software (x1)	Operation manual (x1), PDZ-1 Proxy Browsing Software (x1), PDZ-VX10 XDCAM Viewer Software (x1), Proxy Viewer Software (x1), PDZK-P1 XDCAM Transfer Software (x1), Setup utility software (x1)