

MEAD-SD02

Adaptor for using SD Card™ with XDCAM EX products



Overview

Expanding media choice for XDCAM EX family

Sony's innovative XDCAM EX professional product range is specifically designed to exploit the ultimate high speed performance and reliability of SxS PRO and SxS-1 media. However, SxS media is a professional format and not available from retail outlets, so in situations in the field where additional media is required or for cost-conscious users, where this ultimate performance is less important, Sony have developed the MEAD-SD02 adaptor (replacing the MEAD-SD01), to enable the use of consumer SD Card media.

The MEAD-SD02 adaptor is the same shape as SxS memory cards so as to fit within the media slots on XDCAM EX camcorders, with no protrusions, allowing the media cover to be in place during shooting. The adaptor can accept one SDHC or SDXC Card, which simply slots inside.

Please note, it is not recommended to utilise the Slow Motion recording function due to speed limitations of SD Card media. The nature of the adaptor and SD Card media will also mean slightly less reliability than SxS media – caution should be exercised when turning off XDCAM EX hardware during recording. XDCAM EX hardware might need a firmware upgrade to use MEAD-SD02 – please see specifications for more information.

Features

- **Designed for XDCAM EX**

The MEAD-SD02 has been specifically developed by Sony to operate with XDCAM EX hardware and recommended Class 10 SDHC SD Cards like Sony SD cards of the UX series (SF-16UX, SF-32UX), or SDXC Cards of UHS speed class 1.

- **ExpressCard form factor**

The MEAD-SD02 adaptor has the shape of ExpressCard/34 so it can be slotted into the ExpressCard slot of XDCAM EX equipment and other ExpressCard compatible hardware, such as a Windows PC or Mac.

- **PC Compatible**

SD Card media recorded with MEAD-SD02 by XDCAM EX hardware works on a PC without any need for drivers. Folders and files of XDCAM EX are shown in the NLE operation window or in Clip Browser in the same way as with SxS media.

- **PXU-MS240 Compatible**

The PXU-MS240 240GB HDD back up unit for SxS media is fully compatible with the MEAD-SD02 adaptor – simply slot the adaptor with SD Card into the PXU-MS240 unit to record content onto the MS240's hard drive.

- **Additional information**

Supported devices are:
(as of February 2013)

PMW-EX1, PMW-EX30: Ver1.20 or later
PMW-EX3, PMW-10MD: Ver1.10 or later
PMW-EX1R, PMW-350: Ver1.10 or later
PMW-F3, PMW-100, PMW-150, PMW-200

Notes:

This adaptor cannot be used with the SBAC-US10.
The above devices support only SDHC media.
Operation is not guaranteed for SDXC media.

Technical Specifications

General	
● Interface	ExpressCard/34
● External dimensions	Approx. 34 mm × 5 mm × 75 mm (1 3/8 × 7/32 × 3 inches) (Width × Height × Depth)
● Mass	Approx. 20 g (0.7 oz.) (not including "SD Card" media)

Operating conditions	
● Temperature	0°C to 60°C (32°F to 140°F)
● Humidity	20 % to 90 % (condensation not allowed)

Compatible Products

Digital Motion Picture Camera



PMW-F3K

Super 35mm Exmor CMOS sensor with 35mm, 50mm and 85mm lenses CineAlta camcorder recording full HD / SD



PMW-F3L

Super 35mm Exmor CMOS sensor with PL lens mount CineAlta camcorder recording full HD / SD

Medical Imaging Cameras



PMW-10MD

Full HD Medical 2-piece Camera

XDCAM



PMW-100

1/2.9-inch type Exmor CMOS sensor compact XDCAM HD422 camcorder recording full HD on SxSolid state media



PMW-150

Three 1/3-inch Exmor CMOS sensors compact XDCAM camcorder recording Full HD 422 at 50 Mbps



PMW-200

Three 1/2-inch Exmor CMOS sensors XDCAM camcorder recording Full HD 422 at 50 Mbps



PMW-400L

Three 2/3-inch type Exmor CMOS sensors without lens XDCAM camcorder recording Full HD 422 at 50 Mbps



PMW-500

Three 2/3-inch Power HAD FX CCD sensors XDCAM HD422 camcorder recording full HD (plus SD option)



PMW-EX1

A Compact Full-HD Camcorder With SxS PRO Recording, for an Evolving Era of HD



PMW-EX1R

Three 1/2-inch type Exmor CMOS sensors XDCAM EX camcorder recording full HD / SD



PMW-EX3

Three 1/2-inch type Exmor CMOS sensors XDCAM EX camcorder with interchangeable lens system recording full HD / SD



PXW-X160

Three 1/3-inch type Exmor™ CMOS Full HD sensor XDCAM camcorder with 25x zoom lens and XAVC recordings



PXW-X200

Three 1/2-type Exmor™ CMOS Full HD sensor XDCAM camcorder with 17x zoom lens and XAVC recordings



PMW-300K1

Three 1/2-inch Exmor™ CMOS sensors semi-shoulder XDCAM camcorder with interchangeable 14x zoom HD lens system recording XAVC HD 100 Mbps and MPEG HD422 at 50 Mbps



PMW-300K2

Three 1/2-inch Exmor™ CMOS sensors semi-shoulder XDCAM camcorder with interchangeable 16x zoom HD lens system recording XAVC HD 100 Mbps and MPEG HD422 at 50 Mbps



PMW-350K

Three 2/3-inch type Exmor CMOS sensors with 16x zoom HD lens XDCAM EX camcorder recording full HD (plus SD option)



PMW-350L

Three 2/3-inch type Exmor CMOS sensors without lens XDCAM EX camcorder recording HD (plus SD option)



PMW-400K

Three 2/3-inch type Exmor CMOS sensors with 16x zoom HD lens XDCAM camcorder recording Full HD 422 at 50 Mbps



PXW-X320

Three 1/2-inch type Exmor CMOS sensors XDCAM camcorder with 16x zoom HD lens recording Full HD XAVC 100 Mbps, with wireless options



PXW-X500

Three 2/3-inch type PowerHAD FX Full HD CCD sensors XDCAM camcorder with multi-format recordings including XAVC

XDCAM (Disc/Memory)



PMW-EX30

SxS PRO solid state memory compact recorder