

SONY
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PXU-MS240 Mobile Storage Unit

Lighten your load; expand your recording time.

From indie filmmaking to wedding/event videography to news and interview shooting, Sony's Mobile Storage Unit is a videographer's vision and a data wrangler's dream - in one portable, lightweight package. With the Mobile Storage Unit, Sony takes the fast speed, small size, large capacity and smooth workflow advantages of shooting on SxS PRO™ Memory Cards and creates the potential for virtually unlimited recording time by copying and deleting the SxS™ cards on the spot.

About the size of two VHS cassettes, the Mobile Storage Unit is a mass storage product with the high-speed read/write capability of an SxS PRO or SxS-1 card and

additionally accepts the Sony MEAD-MS1 Memory Stick Adaptor. Light and mobile, the unit provides convenient on-site video backup and transfer, eliminating the need to tote a deck or PC. Once an SxS PRO Memory Card is full, it can be inserted into the Mobile Storage Unit to be off-loaded to the removable hard disk drive (HDD) cartridge and freed up for more hours of shooting. The video footage stored on the Mobile Storage Unit's hard disk drive cartridge can then be transferred to a PC or edited directly from the PC by utilizing an eSATA interface. A USB 2.0 interface is also available for PC hook up.

Recording time? Virtually unlimited.

With the Mobile Storage Unit's high-speed SxS reader/writer function, storage capacity and transfer speeds reach new limits. One PXU-HC240 HDD cartridge can store up to seven 32GB SxS™ Memory cards, totaling 13 hours in HQ mode or 17 hours in SP mode. Once the cartridge is full, insert another one. With one fully charged BP-U30 battery, the same battery used for the XDCAM EX™ camcorders, you can copy clips continuously from your SxS cards to the HDD cartridge for approximately three hours.

Fast transfer speeds keep the production humming.

With a transfer speed of approximately 600Mbps from your SxS card to PXU cartridge or 800Mbps* from SxS card direct to PC, the Mobile Storage Unit keeps the production humming with easy hot swapping of the SxS card from camera to Mobile Storage Unit and back to camera, reformatted and ready to record again and again.



Packaged for productions on the go.

The PXU-MS240 package** includes the Mobile Storage Unit, a PXU-HC240 HDD Cartridge (additional cartridges can be purchased separately), operating instructions, warranty card, cartridge and cartridge album case, PHU connection cable, USB cable and AC adaptor cord.

Copy and verifying function

When copying video clips from the SxS card to the Mobile Storage Unit, a message on the organic EL display on the unit confirms the copy has been made and verifies when complete.

Temporary storage

The removable HDD cartridge conveniently doubles as a temporary storage media, serving as back-up storage on location that eliminates the need for a PC or as temporary storage during the editing process. With the included album box, each HDD can be cataloged and stored for future reference.

Direct editing capability

Direct editing from the Mobile Storage Unit cartridge to a PC is available when utilizing an eSATA connection. The convenience of keeping original content and completely edited projects allows for ease of sharing.

Clip Preview

With the included PHU cable, clip playback is made possible by connecting the Mobile Storage Unit to an EX camcorder/deck.† You have the choice of viewing from either the HDD cartridge or SxS card installed in the unit.

* Transfer speed is with eSATA connection. Actual speed may vary depending on PC performance.

** Battery BP-U30 and AC Adapter BC-U1 not included in the package.

† Partitioning of the HDD cartridge is required when viewing clips on PMW-EX1, EX3, EX1R and PMW-350 models.



Display panel

The organic EL display provides excellent visibility in outdoor as well as indoor lighting conditions. The menu includes function mode, recordable time, date, etc., as well as selectable languages.

Safe power and copy switch

To power the unit on or off requires pressing the switch for three seconds to prevent operational errors. This same feature is included when using the copy button.



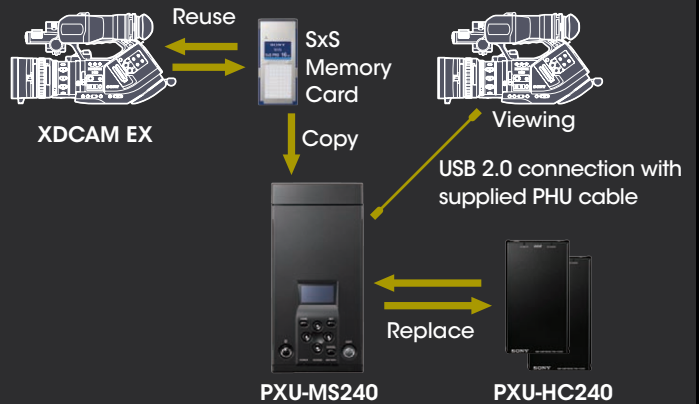
LED indicators

The user-friendly LED indicators flash on and off to provide an updated operating status of the unit, such as accessing HDD, remaining battery capacity, hardware error, etc.

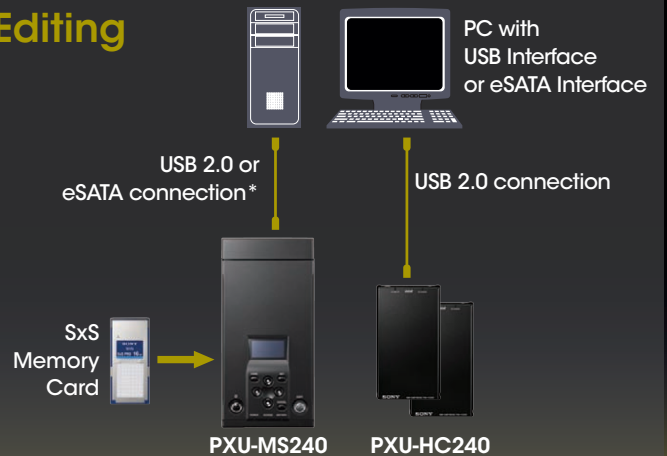
Drop shock protection

The PXU HDD cartridge is equipped with specially designed insulators for drop shock protection and a 3G sensor detecting system to help protect the internal HDD against irregular vibration and fall shock.

Shooting



Editing



* PC can access to either HDD or SxS Memory card.

Specifications

PXU-MS240 Mobile Storage Unit	
Item	Specifications
Capacity ^{*1}	240GB
Recording time	HQ Mode: approx. 800min. / SD Mode: approx. 1040min.
Recording speed	Approx. 600Mbps (Max.)
PC transfer rate ^{*2}	Approx. 800Mbps (Max.)
Power requirements	Battery input: 14.4 V DC IN connector input: 12.0 V
Power consumption	Approx. 9.0 W (Max.)
Continuous operating time	(SxS Copying) With the BP-U30 Approx. 180min.
Interface	PC I/F: USB High Speed x1, eSATA x1 EX camcorder I/F: (PC I/F USB High Speed) PCI Express card I/F: 34mm type slot x1 PXU-HC240 exclusive I/F: HDD Cartridge I/O x1
Supported operating systems	Windows XP, Vista, Mac OS X (10.4 or later)
Dimensions (WxHxD)	Approx. 4 1/8 x 2 3/8 x 8 5/8 inches (105 x 60 x 220 mm) (Max.)
Weight	Approx. 1 lb, 5.16 oz (600 g)
Operating temperature/ humidity	41°F to 104°F (5°C to +40°C) / 8% to 90% RH
Storage temperature/ humidity	-4°F to 140°F (-20°C to +60°C) / 5% to 95% RH
Operating/storage altitude	-980ft to 9800ft / -980ft to 39,350ft (-300m to +3,000 m / -300m to +12,000 m)
Organic EL display	126 x 64 Dots (Menu: Function mode, recordable time, date and etc.)
Master carton quantity	(3) Units
Master carton weight	Approx. 14 lbs, 5.28 oz (6.5 kg)
Master carton dimension	Approx. 13 1/8 x 18 3/16 x 7 1/4 inches (333 x 462 x 185 mm)
PXU-HC240 PHU Cartridge	
Item	Specifications
Capacity	240GB
Recording time	HQ Mode: approx. 800min. / SD Mode: approx. 1040min.
Recording speed	Approx. 600Mbps (Max.)
PC transfer rate	Approx. 160Mbps (Max.)
Power requirements	DC IN connector input: 12.0 V PXU-MS240 exclusive I/F: 5.0 V
Power consumption	Approx. 4.0 W (Max.)
Interface	PC I/F: USB High Speed x1 PXU-MS240 exclusive I/F: HDD Cartridge I/O x1
Supported operating systems	Windows XP, Vista, Mac OS X (10.4 or later)
Dimensions (WxHxD)	HDD Cartridge: Approx. 3 3/8 x 7/8 x 6 3/16 inches (86 x 23 x 157 mm) (Max.) Cartridge Case: Approx. 4 3/16 x 1 3/16 x 6 11/16 inches (106 x 30 x 170 mm) (Max.)
Weight	Approx. 7.05 oz (200 g) (Max.)
Operating temperature/ humidity	41°F to 104°F (5°C to +40°C) / 8% to 90% RH
Storage temperature/ humidity	-4°F to 140°F (-20°C to +60°C) / 5% to 95% RH
Operating/storage altitude	-980ft to 9800ft / -980ft to 39,350ft (-300m to +3,000 m / -300m to +12,000 m)
Master carton quantity	(5) Units
Master carton weight	Approx. 6 lb, 2.76 oz (2.8 kg)
Master carton dimension	Approx. 8 5/8 x 7 1/2 x 6 1/4 inches (220 x 190 x 159 mm)

*1 This is user capacity. *2 Actual transfer rate may vary depending on hardware used.

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