

SONY®

NTSC/PAL

DVCAM™

Digital Camcorder **DSR-PDX10** **DSR-PDX10P**



A new addition to the DVCAM™ camcorder family, the DSR-PDX10/PDX10P, with its 3-CCD MEGA-pixel camera system provides you with superb picture quality. Its compact design and sophisticated new features, such as an MPEG Movie function and a USB port offers innovation to your shooting styles and productions.

Camera Features

- ▶ 1/4.7-inch type MEGA-pixel 3-CCD Camera System
- ▶ Advanced HAD™ CCD Technology
- ▶ 530 lines of horizontal resolution
- ▶ 12x Optical zoom/ 48x Precision digital zoom
- ▶ 14-bit DXP(Digital Extended Processor)
- ▶ Manual Focus Ring
- ▶ Program A/E
- ▶ Custom Presets (Color level, sharpness, white balance shift, AGC limit, A/E shift)
- ▶ Touch Panel Operation (Spot Focus/ Spot AE)

VTR Features

- ▶ Recording capability in DVCAM or DV (SP mode) format.*1
- ▶ Playback capability of DVCAM or DV (SP mode) recorded tapes
- ▶ i.LINK™ *2 (DV) interface
- ▶ Analog audio/video Input (Composite, S-video)
- ▶ Remote (LANC)

Convenient Features

- ▶ USB streaming - The DSR-PDX10 is capable of streaming video and audio via its USB port. In CAMERA mode, video and audio are captured and converted to motion JPEG signals in real-time and subsequently streamed. Similarly in VCR mode, the playback signal is converted to motion JPEG and streamed through the USB port.
- ▶ Integrated Memory Stick™ IC recording media Slot
- ▶ MPEG Movie recording up to 85mins. on a 128 MB Memory Stick *3
- ▶ Editing to an MPEG Movie from a DV/ DVCAM tape is possible.
- ▶ Still picture recording*4 (640x480/ 1,152 x 864 dot)
- ▶ Progressive Shutter System (Still Picture only)
- ▶ XLR 2-ch Adaptor/Intelligent Accessory Shoe
- ▶ 3.5-inch type 246,000 dot Precision Color LCD Monitor*5
- ▶ 180,000 dot Precision Black & White LCD Viewfinder
- ▶ Super SteadyShot™ (Optical)
- ▶ TC/User bit preset capability
- ▶ Digital Program Editing*6 allows auto-assemble-like editing without an edit controller.
- ▶ AV to DV Out (For converting analog input signals to DV signals)
- ▶ InfoLITHIUM™ *M series" Battery System



Touch Panel LCD Monitor




XLR 2-ch Audio Input Adaptor (terminal)



XLR 2-ch Audio Input Adaptor (Select Switch)



*1 When recording in DV (SP) format, transitions between cut to cut may not be smooth. In addition, when the recording format is switched between DVCAM and DV, the transition may not be recorded smoothly.

*2 i.LINK is a Sony trademark used only to designate that a product is equipped with an IEEE 1394 connector. i.LINK stands for IEEE 1394-1995 standards and their revisions.  is the logo for products that implement i.LINK. All products with an i.LINK connector may not communicate with each other. Please refer to the documentation that comes with any device having an i.LINK connector for information on compatibility, operating conditions, and proper connection.

*3 Available storage capacity may vary and a portion of the memory is used for data management functions.

*4 The still picture file is not compatible with DSR-PD100.

*5 Viewable area measured diagonally

*6 Frame accuracy is not guaranteed.

Preliminary

DSR-PDX10/PDX10P Specifications

| | |
|-------------------------------|---|
| Lens | 12:1 Variable speed zoom lens F-3.6 to 43.2 mm; Filter Diameter 37 mm |
| Focus | Auto/Manual (ring)/Infinity/One push auto |
| Imaging Device | Three 1/4.7-inch type CCDs, 1,070,000 pixels (gross) |
| White Balance | Auto/One-push/Out door (5800 K)/Indoor (3200 K) |
| Shutter speed | 1/4 to 1/10000 (NTSC), 1/3 to 1/10000 (PAL) |
| Exposure | Auto/Manual |
| Minimum Illumination | 7 lx |
| Horizontal Resolution | 530TV lines |
| Viewfinder | 180,000 dot Black & White LCD, Zebra Pattern |
| Audio Signal | Rec 48kHz/16-bit, 32kHz/12bit Play 48kHz/16-bit, 32kHz/12-bit, 32kHz/16-bit, 44.1kHz/16-bit |
| Built-in Speaker | Dynamic Speaker |
| LCD | TFT Active Matrix, 3.5-inch type, 246,000 dots |
| Tape Speed | Approx. 28.2 mm/s (DVCAM mode) Approx. 18.8 mm/s (DV SP mode) |
| Maximum Recording Time | 40 minutes(DVCAM mode) 60 minutes(DV SP mode, with PDVM-40ME) |
| Video Signal | EIA Standard, NTSC color system (DSR-PDX10) CCIR Standard, PAL color system (DSR-PDX10P) |

| | |
|---------------------------------|---|
| Connectors | |
| Audio(LINE)/Video IN/OUT | AV-mini jack x1 |
| S-video IN/OUT | Mini-DIN 4-pin jack x1 |
| MIC IN | Stereo mini jack x1 |
| i.LINK IN/OUT | 4-pin jack x1 |
| Headphone | Stereo mini jack x1 |
| LANC | Stereo mini-mini jack x1 |
| DC IN | 8.4V for AC-L10 AC adaptor x1 |
| USB | Mini-B x1 |
| (XLR Audio adaptor) | |
| Audio IN | XLR 3-pin female x2 (LINE/MIC/MIC+ATT.) +48 V (ON/OFF) |
| Operating Temperature | 0 to 40°C |
| Storage Temperature | -20 to 60°C |
| Power Requirements | DC 7.2 V (Battery), DC 8.4 V (AC adaptor) |

Supplied Accessories

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| ECM-NV1 Monaural Microphone |
| AC-L10 AC Adaptor |
| NP-FM50 InfoLITHIUM Rechargeable Battery Pack |
| RMT-811 Remote Commander and R6 Batteries (x2) |
| MSA-8A IC Recording Media "Memory Stick" |

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|--|
| USB Cable |
| Image Mixer / USB Driver software CD-ROM |
| Stereo AV Cable |
| Lens Hood |
| Hood Cap |

Optional Accessories

| | | | |
|--|--|---|--|
|  <p>ECM-670 Electret Condenser Microphone ECM-670 ECM-672</p> |  <p>CAC-12 Microphone Holder</p> |  <p>EC-0.3C2 Microphone Cable EC-0.3C2 EC-0.5C2</p> |  <p>NP-QM91 InfoLITHIUM Rechargeable Battery Pack NP-QM91/NP-QM71/NP-FM50</p> |
|  <p>AC-SQ950D AC/DC Adaptor/Charger</p> |  <p>MSA-64A Memory Stick MSA-16A (16MB) MSA-32A (32MB) MSA-64A (64MB) MSA-128A (128MB)</p> |  <p>VMC-IL4415 i.LINK Cable VMC-IL4408A (0.8m, 4-pin to 4-pin) VMC-IL4415 (1.5m, 4-pin to 4-pin) VMC-IL4435 (3.5m, 4-pin to 4-pin) VMC-IL4615 (1.5m, 4-pin to 6-pin) VMC-IL4635 (3.5m, 4-pin to 6-pin) CCFD-3L (3m, 4pin-6pin with lock)</p> |  <p>HVL-FH1100 Flash HVL-FH1100 Video Flash Light HVL-FDH4 Video Light HVL-S3D Video Flash HVL-F10</p> |
|  <p>VCL-HG0737X Wide Conversion Lens VCL-HG0737X Wide End Conversion Lens VCL-MHG07A Teleconversion Lens VCL-HG2037X</p> |  <p>LCH-TRV950 Hard Carrying Case</p> |  <p>VF-R37K ND Filter and Protector VF-R37K PL Filter and MC Protector VF-37CPKS</p> | |

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