



Compact DVCAM Camcorder

Picture quality and reliability are two of the key features that helped make the DSR-PD150P such a phenomenal success - widely regarded as the de facto standard for professional 3CCD compact camcorders since its launch in 2000. The new DSR-PD170P builds on this success with improved audio-video performance, as well as a host of ergonomic and operational improvements - specifically developed in response to customer requests.

Main Features

- 1/3-inch three CCDs with high sensitivity and S/N ratio
- 2ch XLR audio inputs for professional microphone
- Hybrid colour 2.5-inch LCD panel (211,200 dots)
- Black & white viewfinder (180,000 dots LCD)
- 12x zoom lens with optical Super SteadyShot system
- 16:9 recording mode (electronically processed)
- DVCAM and DV (SP mode) formats recording and playback
- Time Code Preset
- Compact & lightweight: 1.5 kg (excluding microphone, battery & tape)

Added and Improved Functions on the DSR-PD170P

Improved Minimum Illumination

Thanks to an improved CCD signal process, the minimum illumination has been improved from 2 lux to 1 lux.

Improved Audio Quality for Manual Recording

Improvements in the audio process circuit have resulted in enhanced audio quality for manual recording (with signal to noise ratio of about 6 dB).

More Precise Iris Control

There is now more precise adjustment for the Iris control wheel providing the user with smoother and more sensitive Iris control.

Hybrid LCD Panel

A new precision Hybrid LCD panel (Transmissive and Reflective, 211,200 dots, 960H x 220V) has been adopted for picture monitoring. It allows viewing of the LCD panel clearly even in bright sunshine.



On-handle Zoom Lever and Rec. Start/Stop Button

In order to facilitate zoom control and recording during low-angle shooting, an additional zoom lever and a Rec. Start/Stop button have been added to the carrying handle. Zoom speed can be selected by three position slide switches located on the side of the handle, from H (faster), L (slower) or Off.



Larger Handle Size

The top height of the handle is about 10 mm higher than that of the previous model. The handle design has also been enhanced for a better and easier grip.



Larger View Finder

A large size view finder and eye-cup are supplied as standard, and the window size of the magnifier has been enlarged. It allows more comfortable use of the view finder.



DSR-PD170P Specifications

Supplied Wide Conversion Lens and New Lens Hood

The wide conversion lens (VCL-HG0758) and new lens hood (LSF-S58) are bundled with the DSR-PD170P. The wide conversion lens can be removed without removing the hood itself and the hood can be used without the wide conversion lens.

Supplied Hood with Built-in Lens Cap

Another new hood with a built-in lens cap is also bundled with the DSR-PD170P. By using the lever on the side of the hood, the lens cap can be opened or closed.

Simultaneous Turn On of LCD Panel and View Finder

The LCD panel and the view finder can be turned on simultaneously, allowing the user to control the focus on the view finder and set the camera angle on the LCD panel.

i.LINK Cable Strap

An i.LINK Cable Strap is provided as a supplied accessory. This small plastic plate straps and protects the i.LINK cable. It is useful for avoiding mishaps when an external HDD (for example DSR-DU1) is being used for recording.

New Body Colour and New Design for Zoom / Focus Rings

A new two-tone colour design has been applied to the DSR-PD170P and the design of the zoom and focus rings has also been updated.

DVCAM Silver Support Pack

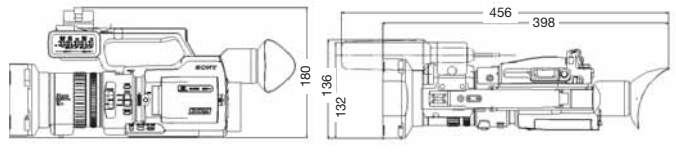
Silver Support

All DVCAM camcorders and decks are backed by the reassurance of Sony Silver Support, a unique after-sales care programme that gives you these valuable benefits in addition to the normal Sony product warranty:

- **2 YEARS SUPPORT**
Silver Support extends your standard DVCAM product warranty from 1 to 2 years.
- **OPERATIONAL HELPDESK**
Operational advice, tips and information to help get the most out of your Sony DVCAM product. Telephone support is available Monday to Friday and in 5 languages – English, French, German, Italian and Spanish.
- **REPAIR WITHIN 7 DAYS**
In the event of a repair being necessary, Sony will collect, repair and return the unit to your preferred location within 7 working days.
- **LOAN**
If a repair is likely to take longer than 7 working days, Sony will provide a loan unit for the remaining duration of the repair.
- **COLLECTION ANYWHERE**
Sony will arrange collection of a faulty unit and delivery when repaired to your preferred location (NB: covers mainland EU, Norway and Switzerland).

Lens	12:1 Variable Speed (1.2-22 sec.) zoom lens (48 x Digital zoom) f=6.0 to 72.0 mm; f (35mm conversion) = 43.2 – 518.4 mm; F1.6 to 2.4; Filter Diameter 58 mm	
Focus	Auto/ Manual (ring) / Infinity / One push auto	
Imaging Device	Three 1/3-inch CCDs, 450,000 pixels, Progressive/ Interlace Scan	
White Balance	Auto/ one-push/ Outdoor (5800 K)/ Indoor (3200 K)	
Shutter Speed	1/3, 1/6, 1/12, 1/25, 1/50, 1/60, 1/100, 1/120, 1/150, 1/215, 1/300, 1/425, 1/600, 1/1000, 1/1250, 1/1750, 1/2500, 1/3500, 1/6000, 1/10000 second	
Iris	F1.6, F2, F2.4, F2.8, F3.4, F4, F4.8, F5.6, F6.8, F8, F9.6, F11, Close	
Gain	0, 3, 6, 9, 12, 15, 18dB	
Exposure	Auto / Manual	
Minimum Illumination	1 lx	
Horizontal Resolution	530 TV lines	
Viewfinder	180,000 dot Black & White LCD, horizontal resolution 500 TV lines	
Audio Signal	Rec	48 kHz/16-bit, 32 kHz/12-bit
	Playback	48 kHz/16-bit, 32 kHz/12-bit, 32 kHz/16-bit, 44.1 kHz/16-bit
Built-in Speaker	Dynamic Speaker 20 mm	
LCD	Hybrid, 2.5 type, 211,200 dots (960 H x 220 V)	
Tape Speed	Approx. 28.2 mm/sec. (DVCAM mode) Approx. 18.8 mm/sec. (DV SP mode)	
Maximum Recording Time	40 minutes (DVCAM mode), 60 minutes (DV SP mode, with DVM-60ME)	
Video Signal	CCIR Standard, PAL colour system	
Connectors		
	Video IN/OUT	RCA pin x 1, Luminance signal : 1 Vp-p, 75 Ω, unbalanced, sync negative
	Audio IN/OUT	RCA pin x 1, 327 mV, Output impedance with more than 47 Ω
	S-Video IN/OUT	Mini-DIN 4 pin x 1, Luminance signal : 1 Vp-p, 75 Ω, unbalanced, Chrominance signal : 0.3 Vp-p
	Audio IN	XLR 3-pin female x 2, 327mV, -60 dBu, 3 kΩ, + 4 dBu, 10 kΩ (0 dBu = 0.775 V ms) i.LINK (DV IN/OUT) : 4-pin x 1, LANC : Stereo mini jack (0.25 mm) x 1 Headphone : Stereo mini jack (0.35 mm) x 1, External DC IN : 8.4 V for AC-L15 AC adaptor or AC-V700A + DK-215
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)	
Power Consumption	REC with Viewfinder only: 4.0 W REC with LCD only: 5.4 W Playback on LCD: 3.5 W	
Dimensions (camcorder only)	136 (W) x 180 (H) x 456 (D) mm	
Mass (camcorder only)	Approx. 1.5 kg (3 lb 5 oz)	
Supplied Accessories	AC-L15 AC Adaptor NP-F330 InfoLITHIUM "L" series Rechargeable Battery Pack ECM-NV1 Electret Condenser Microphone VCL-HG0758 Wide Conversion Lens LSF-S58 Hood for Wide Conversion Lens and Hood Cap Lens Cap built in Hood Lens Cap i.LINK Cable Strap Carrying Belt AV Cable (RCA PIN x3) RMT-811 Wireless Remote Commander (with 2x AA Dry Batteries)	

Dimensions (Unit: mm)



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