DVCAM

Pocket Guide

CHANGING

THE WAY

BUSINESS

COMMUNICATES

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SONY.

DIGITAL CAMCORDERS

DSR-390P

Silver Support

One-piece Camcorder

- Compact & lightweight: 6.2 kg (13 lb 10 oz) including viewfinder, microphone, lens, battery and tape
- Low power consumption: 21 W (without viewfinder)
- Three 1/2-inch type Power HAD CCDs for high sensitivity (F13 at 2000 lx), Low smear level (-115 dB), high S/N ratio (62 dB) and high horizontal resolution (800 TV lines)
- Minimum illumination: 0.4 lx with F1.4
- Hyper Gain (36 dB)
- 4:3 aspect ratio
- Flexible Safety zone marker 4:3 mode: OFF, 13:9, 14:9, 15:9, 16:9
- SetupNavi™ function for camera setup file storage
- Film-Like mode (Setup File)
- User friendly side panel design
- Silver Support supplied as standard

DSR-570WSP

Silver Support

One-piece Camcorder

- 16:9 / 4:3 Switchable Camcorder
- Compact and lightweight: 6.0 kg (13 lb 4 oz) including viewfinder, microphone, lens, battery and tape
- Low power consumption: 21 W (without viewfinder)
- Three 2/3-inch Power HAD WS™ 16:9 CCDs providing high quality images with low smear level, high sensitivity, high S/N ratio (61 dB) and high horizontal resolution (980/850 TV lines in 16:9/4:3 mode)
- Hyper Gain (36 dB or 42 dB selectable)
- Sensitivity: F11 at 2000 lx
- Minimum illumination: 0.5 lx
- Flexible safety zone marker In 4:3 mode: OFF, 13:9, 14:9, 15:9, 16:9 In 16:9 mode: OFF, 4:3, 13:9, 14:9, 15:9
- SetupNavi™ function for camera setup file storage
- Film-Like mode (Setup File)
- User friendly side panel design
- Silver Support supplied as standard

DIGITAL CAMCORDERS

DXC-D50P & DSR-1P

Two-piece Camcorder

NEW

- Combination of DXC-D50P Digital Video Camera and DSR-1P Dockable Recorder equivalent to one-piece camcorder
- Newly developed 2/3-inch three Power HAD EX CCDs
- 12 bit A/D conversion
- Advanced Digital Signal Processing (DSP)
- Creative image control - Knee Saturation Control, Adaptive Highlight Control, Low Key Saturation, Cross Colour Suppression and Skin-Tone Detail
- Horizontal resolution : 920 TV lines
- Minimum illumination : 0.5 lx
- Sensitivity : F11 at 2000 lx
- S/N ratio: 63 dB
- EZ Functions for minimum setup procedures
- Memory Stick system for storage/recall of camera parameters

DSR-250P

Silver Support

MEMORY STICK

One-piece Camcorder

- Compact and lightweight: 4.4 kg (9 lb 11 oz)
- 1/3-inch CCD for accurate colour reproduction
- DSP (Digital Signal Processing)

- High-resolution 1.5-inch black & white viewfinder
- 2.5-inch (200,000 dot) colour LCD monitor
- 12x lens* with Super SteadyShot™ system
- 16:9 recording mode available (electronically processed)
- Recording and playback capability with standard and mini-size DVCAM and DV tapes (SP mode only)
- Long recording time: 184 minutes with a standard-size cassette in DVCAM mode, or 270 minutes in DV SP mode
- Digital still camera functions with Memory Stick™
- Time code preset capability
- i.LINK (DV In/Out) interface providing a single cable connection to simultaneously transfer audio, video and command signals
- Silver Support supplied as standard

* Digital zoom of 24x or 48x available via menu selection.

COMPACT DIGITAL CAMCORDERS

DSR-PD170P

Silver Support

MEMORY STICK

Compact Camcorder

NEW

- 1/3-inch three CCDs with high sensitivity and S/N ratio
- 2ch XLR audio inputs for professional microphone

- Hybrid 2.5-inch colour LCD panel (211,200 dots)
- Black & white viewfinder (180,000 dots LCD)
- 12x zoom lens* with optical Super SteadyShot system
- On-handle zoom lever and Rec Start/Stop button
- 16:9 recording mode (electronically processed)
- DVCAM and DV (SP mode) formats recording and playback
- i.LINK and Analogue In/Out interfaces
- Compact & lightweight : 1.5 kg (excl. microphone, battery, tape)
- Wide Conversion lens (VCL-HG0758) supplied as standard
- Silver Support supplied as standard

* Digital zoom of 24x or 48x available via menu selection.

DSR-PDX10P

Silver Support

MEMORY STICK

Handycam®-style Camcorder

- Very compact body (the smallest 3 CCD DVCAM camcorder)
- 1/4.7-inch Mega Pixel Advanced HAD three CCD type
- 14 Bits DXP Processing (Digital Extended Processor)

- Enhanced 16:9 capability (real 16:9 shooting quality)
- 2 XLR audio input connectors for professional microphones
- USB Streaming (capability to stream Video and Audio through USB port) available in camera and VCR mode
- 3.5 inch type 240,000 colour LCD monitor with touch panel function (Spot focus, Spot AE, Playback Zoom, Memory play)
- 180,000 dot precision Black and White LCD Viewfinder
- Optical Super SteadyShot™
- DVCAM and DV (SP mode) recording and playback formats
- High resolution picture recording (640 x 480 / 1152 x 864 dots)
- MPEG movie recording up to 85 minutes on a 128 MB Memory Stick
- i.LINK and Analogue In/Out interfaces
- Silver Support supplied as standard

STUDIO VTRs

DSR-45P

Silver Support

Recorder

- Recording and playback capability of the DV format (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Full range of analogue Video IN/OUT: Component, Composite, S-Video

- Four channel independent Audio IN/OUT with XLR connectors for Audio OUT
- i.LINK (DV) interface for simultaneous transfer of audio, video, and command signals
- RS-422A remote control interface*2
- RS-232C interface for basic control from a PC
- Built-in 2-inch type (123,200 dot) colour LCD monitor
- Time code/ User bit preset
- Time code IN through DV IN
- Silver Support supplied as standard

*1 When recording in DV (SP) format, the transition 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 The DSR-45P is not equipped with the synchronisation capability, therefore is recommended to be used only as a source feeder in A/B roll editing.

DSR-25

Silver Support

Recorder

- Recording and playback capability of the DV format (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette, 40 minutes with a mini-size cassette
- Recording and playback capability of both NTSC/PAL signals*2

- i.LINK (DV) interface for simultaneous transfer of audio, video, and command signals
- LANC and Control S interface
- Time code/ User bit preset
- Time code IN through DV IN
- Built-in 2-inch type (123,200 dot) colour LCD monitor
- Duplication function (Including the duplication of Cassette Memory data)
- Power-on recording and playback capabilities
- Compact size (half-rack size width, 2U height)
- Silver Support supplied as standard

*1 When recording in DV (SP) format, the transition 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 The DSR-25 is not equipped to convert signals from NTSC to PAL, or vice versa.

DSR-1500AP

Silver Support

Master

Editing Recorder

- Recording and playback capability of the DV format (SP mode only)*1
- Playback of DVCPRO format
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette

- Wide range of digital slow speed from -0.5 to +0.5 times normal speed
- Versatile digital interfaces*2 : SDI, SDTI (QSDI), i.LINK (DV In/Out) and AES/EBU digital audio
- Excellent jog audio capability
- DMC (Dynamic Motion Control) provides noiseless slow-motion playback
- Built-in SMPTE/EBU time code and VITC generator/reader
- Menu keys on front panel for picture search
- RS-422A remote control interface
- Compact, half-rack size
- Silver Support supplied as standard

*1 When recording in DV (SP) format, the transition 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 Optional Input/Output Boards required.

DSR-11

Silver Support

Recorder

- Recording and playback of DV format tapes (SP mode only)*1
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette

- NTSC/PAL compatible*2 in both Rec and Play mode
- Composite and S Video inputs
- i.LINK (DV In/Out) interface providing a single cable connection to simultaneously transfer audio, video and command signals
- Unique design enables both horizontal and vertical installation
- LANC and Control S terminals
- Auto repeat function
- DC power operation
- Supplied RMT-DS11 Wireless Remote Commander
- Silver Support supplied as standard

*1 When recording in DV (SP) format, the transition 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 The DSR-11 does not convert signals from NTSC to PAL, or vice versa.

DIGITAL VTRs

DSR-1800P/1600P

Silver Support

Master

Editing Recorder/Player

- Playback capability of DV (SP mode) and DVCPRO format without mechanical adaptor or menu setting changes

- Wide range of digital slow speed from -0.5 to +0.5 times normal speed
- Channel condition monitoring
- Versatile digital interfaces* : SDI, SDTI (QSDI), i.LINK (DV In/Out) and AES/EBU digital audio
- Excellent jog audio capability
- DMC (Dynamic Motion Control) provides noiseless slow-motion playback
- Built-in SMPTE/EBU time code and VITC generator/reader
- RS-422A remote control interface
- Pre-read playback capability to perform audio mix/swap and over dubbing without delay between video and audio signals
- Jog/Shuttle dial on front panel
- Silver Support supplied as standard

* Optional Input/Output boards required.

DSR-2000P

Silver Support

Master

Editing Recorder

- Playback capability of DV (SP and LP mode) and DVCPRO format without mechanical adaptor or menu setting changes
- Non-tracking playback capability*1
- Pre-read editing capability

- VTR-to-VTR editing without external controllers
- Wide range of digital slow speed from -1.0 to +1.0 times normal speed
- Versatile digital interfaces : SDI, SDTI (QSDI), i.LINK (DV In/Out)*2 and AES/EBU digital audio
- Excellent jog audio capability
- DMC (Dynamic Motion Control) provides noiseless slow-motion playback
- Channel condition monitoring
- Built-in SMPTE/EBU time code and VITC generator/reader
- RS-422A remote control interface
- Pre-read playback capability to perform audio mix/swap and over dubbing without delay between video and audio signals
- Jog/Shuttle dial on front panel
- Silver Support supplied as standard

*1 Can cover mis-aligned tapes without picture noise.
*2 Optional Input/Output board required.

HARD DISK UNITS

DSR-DU1

Hard Disk Unit

- Compact hard drive unit (2.5-inch, 40GB hard drive) for use with DVCAM and Sony DV camcorders
- Camera output can be recorded to the DSR-DU1's hard drive in parallel to the recordings made on the camcorder's tape via i.LINK (DV) connection.

- Recording in 25Mb/s DVCAM/DV stream for up to three hours
- Capable of docking directly to the rear of DVCAM camcorders[1] by use of the CA-DU1 optional Camera Adaptor
- Can interface with a variety of i.LINK(DV) equipped Sony hand-held type DVCAM/DV camcorders via its i.LINK(DV) connector
- The DSR-DU1's DV video/audio files can be accessed from a compatible i.LINK equipped non-linear editor
- i.LINK interface with AV/C and SBP2 protocols
- Cache recording (8 seconds)
- Interval recording
- 525 (NTSC) / 625 (PAL) Switchable[2]
- Silver Support supplied as standard

[1] DSR-570WSP/370P/390P/500WSP/300AP/250P.
[2] Signal conversion from 525(NTSC) to 625(PAL), or vice versa is not possible.

DSR-DR1000P

Hard Disk Recorder

- DVCAM recording for over 6 hours (80GB hard drive)
- Compact & lightweight (Half-rack size, 6 kg)
- Simultaneous recording & playback

- Clip segment playback for playout of designated video segment
- DMC playback with the range of ± x2 times normal speed
- Continuous loop recording
- Pre-alarm recording (automatic recording triggered by an external alarm signal)
- Interval recording
- i.LINK interface with AV/C and SBP2 protocols
- Versatile interfaces (i.LINK, SDI, Component, Y/C, Composite, AES/EBU, Analogue audio, TC I/O, RS-422A, Ethernet)
- Network capability (file transfer using FTP via 100Base-T Ethernet)
- Silver Support supplied as standard

5 additional reasons to choose Sony DVCAM

2 Years Support

The Silver Support Pack extends the support period from the standard 1-year warranty to two years. Not only that, but extra features and services are also included.

Operational Phone Call Centre

Operational phone support is provided to give advice and help so that the user can get the most out of their DVCAM equipment and maximise its performance. Our telephone support is available from Monday to Friday and in 5 languages: English, French, German, Italian and Spanish.

Collection Anywhere

In the event of equipment failure, Sony will arrange collection of the faulty unit directly from, and delivery of the repaired unit directly to the customer's location - anywhere in mainland EU, Norway or Switzerland. That makes it simpler, quicker and even more convenient for the customer.

Repair within 7 days

Sony will collect, repair and return the unit to the customer's preferred location within 7 working days. So, minimum downtime, increased confidence and the ability to plan your business are guaranteed.

Loan

If the faulty equipment cannot be repaired in time, the DVCAM hotline will contact the customer and arrange to have a loan unit delivered. Arrangements will be made to collect the loan unit as soon as confirmation is received that the repair has been carried out satisfactorily.

Sony address/contact details/dealer stamp

SONY.

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