

# DCR-VX1000

## 3-CCD DIGITAL VIDEO CASSETTE CAMCORDER

- DIGITAL VIDEO (DV) SYSTEM
- THREE CCD CAMERA SYSTEM (410,000 PIXELS EACH) WITH DICHOIC PRISM
- SUPER STEADYSHOT™ PICTURE STABILIZATION
- PHOTO MODE WITH ADAPTIVE FRAME INTERPOLATION TECHNOLOGY
- DIGITAL VIDEO INTERFACE<sup>1</sup>
- MAGNESIUM ALLOY CABINET
- AUDIO DIGITAL SIGNAL PROCESSING
- PRECISION 20X DIGITAL ZOOM
- TIME CODE AND EXTENDED DATA CODE
- PRECISION COLOR VIEWFINDER (180,000 PIXELS)
- 4 LUX MINIMUM ILLUMINATION<sup>2</sup>



## DCR-VX1000

### FEATURES

#### Digital Video (DV) System

- **DIGITAL VIDEO RECORDING** for over 500 lines of horizontal resolution
- **COMPONENT VIDEO RECORDING** dramatically improves color reproduction
- **PCM STEREO DIGITAL AUDIO** 12-bit, 32 kHz
- **60 MINUTES RECORDING** on cassette 1/12 the size of VHS

#### Audio/Video Performance

- **CCD IMAGING DEVICE:** 3-CCD camera system with Dichroic Prism separates the image into Red, Green, and Blue signals, each captured by its own CCD imaging chip for excellent color fidelity and better signal-to-noise ratio
- **4-CAPSULE MIC AND AUDIO DIGITAL SIGNAL PROCESSING:** superior wind noise reduction, clear stereo sound<sup>4</sup>
- **PRECISION 20X DIGITAL ZOOM, 10X OPTICAL ZOOM**
- **SONY SUPER STEADYSHOT PICTURE STABILIZATION:** Sony's new Super SteadyShot system reduces hand shake without compromising picture quality. Using a proprietary motion sensing system with Variable Prism technology, the Super SteadyShot system excels at reducing even difficult high frequency shake (e.g. while shooting from a moving vehicle)
- **FULL-RANGE AUTO FOCUS** from macro to infinity
- **DIGITAL CAMERA SIGNAL PROCESSING**
- **4 LUX MINIMUM ILLUMINATION<sup>2</sup>**
- **ZEBRA-PATTERN** indicates overexposure

#### Convenience

- **PRECISION COLOR VIEWFINDER** (180,000 pixels) with information sub-panel
- **LITHIUM ION BATTERY WITH READYCHARGE™ SYSTEM**
- **SELF-ILLUMINATING FUNCTION BUTTONS**
- **EXTENDED DATA CODE:** automatically stores Date/Time/ Shutter Speed/Gain/Iris/F No. for easy recall
- **CONTENT LIST:** on-screen list of Record Dates and Photos (with Sony DV tape which has cassette memory)
- **2-SPEED EDIT SEARCH™ FEATURE**
- **SQUARE LENS HOOD:** reduces external light flaring effect

#### Special Features

- **A/V DIGITAL FADER AND OVERLAP TRANSITION:** lets you fade to/from black or from previous still picture
- **PHOTO MODE:** Adaptive Frame Interpolation technology allows you to capture high quality still images
- **INTERVAL AND FRAME RECORDING** for single frame recording and time-lapse effects

- **MAGNESIUM ALLOY CABINET:** rugged and lightweight

#### Manual Controls

- **PROGRAM AUTO EXPOSURE (3-MODE AE):** Shutter Priority, Iris Priority and Natural Night Mode
- **MANUAL EXPOSURE:** Iris and Gain (20-step), Shutter Speed (16 speeds, 1/4 to 1/10,000 sec.)
- **MANUAL WHITE BALANCE**
- **CUSTOM PRESET** controls Auto Exposure Shift, White Balance Shift, Color Level Control, Gain Shift and Sharpness Control
- **MANUAL FOCUS RING** with accurate focus indicator

#### Editing

- **DV INTERFACE** for direct input and output, digital-to-digital audio and video editing<sup>1</sup> without quality loss (A/V and control)
- **TIME CODE** for hour, minute, second, and frame; identifies and locate scenes for editing
- **CONTROL L (LANC)**

### SPECIFICATIONS

**IMAGING DEVICES:** Three 1/2" Color CCDs, each 410,000 pixels (gross)

**LENS:** 10:1 power zoom lens (4.1—20 sec); f = 5.9—59mm, F1.6, Filter diameter 52mm

**FOCUSING:** Full range inner focus system (auto/manual)

**WHITE BALANCE:** Auto, One Push Manual, Outdoor (5800°K), Indoor (3200°K)

**MINIMUM ILLUMINATION:** 4 lux<sup>2</sup>

**EXPOSURE:** Auto, Manual with adjustable Iris/Gain (20 levels), Shutter Speed (16 steps)

**SHUTTER SPEEDS:** Slow with digital memory: 1/4, 1/6, 1/10, 1/30; 1/60—1/10,000 sec

**VIEWFINDER:** Precision color LCD, 180,000 pixels

**FORMAT:** DV Digital Video

**VIDEO SIGNAL:** NTSC Standard<sup>3</sup>

**VIDEO RECORDING SYSTEM:** Helical scanning system

**AUDIO RECORDING SYSTEM:** Helical scanning system; 12-bit, 32kHz

**AUDIO PLAYBACK SYSTEM:** 12-bit, 32kHz; 16-bit, 32/44.1/48kHz

**DV INTERFACE:** DV connector<sup>1</sup>

**VIDEO ANALOG OUTPUT:** S-Video, Phono Jack

**AUDIO ANALOG OUTPUT:** Stereo Phono Jacks<sup>4</sup>

**HEADPHONE JACK:** Stereo Minijack with level control

**CONTROL L (LANC) TERMINAL:** Stereo Minijack

**MICROPHONE:** 4-Capsule Electret condenser stereo, with Audio DNR

**EXTERNAL MIC INPUT:** Stereo Minijack, low impedance, plug-in power

**POWER REQUIREMENTS:** 6V DC (battery pack); 7.5V DC (AC power adaptor)

**POWER CONSUMPTION:** 9.5W

**DIMENSIONS (WHD):** 4 3/8 x 5 3/8 x 13" (110 x 144 x 329 mm)

**WEIGHT:** 3 lbs, 4 oz (1.46kg); without tape and battery

**SUPPLIED ACCESSORIES:** AC-V515 AC Adaptor, NP-720 Rechargeable Battery

CR2025 Lithium Battery (built-in), AA Batteries (x2)

RMT-803 Wireless Remote Control, Shoulder Strap, A/V Cable

S-Video Cable, Lens Cap, Sony DVM60 ME 60 min. Mini DV Videocassette

**OPTIONAL ACCESSORIES:** HVL-F7 Video Flash, LCH-VX1000 Hard Carrying Case

VMC-20V DV Cable, Sony DVM60 ME 60 min. Mini DV

Videocassette, Sony DVM30 ME 30 min. Mini DV Videocassette

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<sup>1</sup>Editing/Dubbing: Recording to and from the Digital Video Cassette Recorder may be limited by the copy management system.

<sup>2</sup>Minimum illumination: There is no standard procedure for testing minimum illumination.

<sup>3</sup>Direct playback: On NTSC American Standard TV.

<sup>4</sup>Stereo: Stereo sound playback requires the use of stereo capable TV/Monitor.