

**PRELIM**

The DCR-HC48 contains a 1 Megapixel CCD for enhanced detail and clarity along with exceptional analog video performance. Capture high quality video and easily transfer it via Memory Stick Duo™ media slot on your PC or the included Handycam® Station. It's never been easier to share all your moments.

▲ Step-up

- ▲ 1.0 Megapixel (Gross) Advanced HAD™ CCD Imager  
1/6" Advanced HAD™ (Hole Accumulation Diode) CCD with 690K (effective) pixels provides stunning detail and clarity with exceptional video (up to 520 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still photography performance.
- MiniDV Recording  
Offers up to 520 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.
- 25X Optical/2000X Digital Zoom  
The optical zoom helps to bring the action close up from far away. In addition, the Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- Professional Quality Carl Zeiss® Vario-Tessar® Lens  
Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.
- ▲ 2.7" Wide (16:9) Touch Panel Hybrid LCD Display4 (123K Pixels)  
Provides excellent viewing clarity for both 16:9 and 4:3 aspect with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.
- ▲ One Touch Wide Angle Shooting  
Easily switch between 16:9 and 4:3 aspect ratios for shooting with just the touch of a button.
- Super SteadyShot® Picture Stabilization System  
Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.
- ▲ Handycam Station  
The supplied Handycam Station cradle provides quick and easy connections to a compatible TV for viewing or to a PC for editing and sharing video. Just placing the camcorder on the Handycam Station instantly makes the connections. No need to search for cables or wires when charging or playing back.
- InfoLithium® Battery with AccuPower™ Meter System  
Charge the battery at anytime because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subject to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- i.LINK® DV Interface1  
A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an IEEE1394 interface, such as camcorders, digital VTRs, capture cards and PCs.
- ▲ Digital Still Memory Mode with Memory Stick Duo® Media3  
Capture still images up to 1152x864 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.
- Tele Macro Function  
Useful for shooting close up shots, but without having the camcorder casting a shadow on the subject. Images shot in the Tele Macro Mode will have the subject properly focused with the background unfocused so that the subject stands out.
- Manual Focus  
Allows the user to manually adjust the focus of the camcorder using the touch panel. Manual focusing also allows the user to control the focus in difficult situations where either the environment or the subject does not allow the camcorder's auto focus to perform optimally, such as when shooting through a window or in a crowded environment.
- Super NightShot® Plus Infrared System  
With Sony's Super NightShot Plus Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 20 feet away using the built-in infrared system, but without the overall monochrome color common with earlier low-light recording systems.
- On Screen Zoom and Record Controls  
For additional control of the camcorder, the DCR-HC48 features Zoom and Record buttons on the frame of the LCD screen. This allows the user more flexibility when holding the camcorder, especially in overhead or low angle shots.
- Stamina® Battery Power Management System  
Using the optional NP-FH1000 InfoLithium® Battery, the DCR-HC48 can continuously record for up to 10 hours (viewfinder) or 9 hours (LCD) on a single full charge, providing extra long battery life2.

**ADDITIONAL FEATURES**

- Scene Selection Modes
- Picture Effects
- Fader
- USB Streaming
- Easy Handycam Button
- Battery Information
- Picture Motion Browser



MEMORY STICK DUO  
MEMORY STICK PRO DUO



## Specifications

### General

Imaging Device: 1/6" CCD  
Pixel Gross: 1070K  
Recording Media: MiniDV Cassette, Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media  
Recording and Playback Times: SP: 60 min., LP: 90 min.  
Video Actual: 670K Pixels (16:9), 690K Pixels (4:3)  
Still Actual: 750K Pixels (16:9), 1000K Pixels (4:3)

### Convenience

USB Streaming: Yes  
SteadyShot® Image Stabilization: Yes (Super Electronic)  
Accessory Shoe: N/A  
White Balance: Auto, Indoor, One-push, Outdoor  
Memory Stick PRO™ Media Compatibility: Tested to support up to 4GB media capacity; does not support high speed transfer function; does not support Access Control security function.  
Still Image Mode(s): JPEG  
Minimum Illumination: 4 Lux (0 Lux with Super NightShot® Plus Infrared System)  
Low Light Capability: Super NightShot® Plus system

### Convenience Features

Easy Operation: Yes  
Fader Effects: Black, Dot, Monotone, Mosaic, Overlap, White, Wipe  
Multiple Language Display: Yes  
Remote Control: Yes  
Slide Show Mode: No  
Titling: Yes (use cassette with memory)  
Light/Flash: N/A  
Movie Mode(s): MPEG  
Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Snow, Sports Lesson, Spotlight, Sunrise & Sunset and Twilight  
Picture Effect(s): Monotone, Mosaic, Negative Art, Pastel, Sepia, Solarization  
Digital Picture Effect(s): Flash Motion, Luminance, Old Movie, Slow Shutter, Still, Trail  
PictBridge Compatible: Yes

### Inputs and Outputs

LANC Terminal: N/A  
Analog Audio/Video Input(s): N/A  
Analog Audio/Video Output(s): Yes (Multi A/V)  
Digital Audio/Video Input(s): Yes (via i.LINK®)<sup>1</sup>  
Digital Audio/Video Output(s): Yes (via i.LINK®)<sup>1</sup>  
USB Port(s): Yes (1.1 compliant on Handycam® Station)  
i.LINK® Interface: Yes (on Handycam® Station)  
Component Video (Y/Pb/Pr) Output(s): N/A  
Headphone Jack: N/A  
Microphone Input: N/A  
S-Video Input(s): N/A  
S-Video Output(s): Yes (optional accessory)

### Hardware

LCD: 2.7" (123K Pixels) Wide (16:9) Touch Panel Hybrid LCD Display<sup>4</sup>  
Lens Type: Carl Zeiss® Vario-Tessar®  
Viewfinder: Color (123K Pixels)  
Docking Station: Yes (Handycam® Station)  
Microphone: Yes (Built-in; Stereo)

### Optics/Lens

35mm Equivalent: 41 - 1189mm (16:9 Camera Mode), 43 - 1075mm (4:3 Camera Mode), 39 - 975mm (16:9 Memory Mode), 36 - 900mm (4:3 Memory Mode)

Aperture: f1.8 - 3.2  
Exposure: Touch Panel (24 steps)  
Filter Diameter: 30mm  
Focal Distance: 2.5 - 62.5mm; Telemacro - 390mm  
Focus: Full Range Auto, Manual (Touch Panel)  
Progressive Shutter Mode: N/A  
Shutter Speed: Auto, 1/2 - 1/4000 (Scene Selection Mode)  
Optical Zoom: 25X  
Digital Zoom: 2000X

### Power

Power Consumption: 2.5W/2.8W (VF/LCD)  
Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FH40)  
Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

### Service and Warranty Information

Limited Warranty: 1 Year Parts; 90 Days Labor

### Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional  
Supplied Software: Picture Motion Browser ver. 2.0

### Video

Video Recording System: 2 Rotary Heads, Helical Scanning System  
Video Signal System: NTSC color, EIA standards  
Analog-to-Digital Converter: N/A

### Dimensions

Weight: 1.0 lb. (465g) with Tape and Battery  
Measurements: 2 1/2" x 3 3/8" x 4 5/8" (63 x 85 x 115mm)

### Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)  
InfoLithium® Rechargeable Battery (NP-FH40)  
Handycam® Station (DRCA-C155)  
Remote Commander® Remote Control (RMT-831)  
Stereo AV Cable  
USB Cable  
Application Software  
Enjoy Handycam DVD

### Optional Accessories

Carrying Case (LCS-VAC)  
Lightweight Tripod (VCT-R100)  
Pocket Tripod (VCT-TK1)  
High Grade A/V Cable with S-Video (VMC-30FS)

UPC Code: 027242701823

- i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.
- Actual battery life may vary based on product settings, usage patterns, battery and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
- Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB, 4GB=3.66GB.
- Viewable area measured diagonally.

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Screen Image Simulated

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