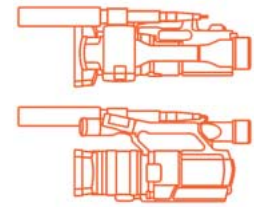




Q U A L I A 002



High Definition technology is redefining the way we experience visual information. And the artists who create moving images—directors, cinematographers, editors, writers, production designers—are all evolving their processes to take advantage of the extraordinary improvements that full High Definition provides.

The films that individuals make can now inhabit the very same arena. QUALIA 002 is a digital High Definition video camcorder that is easy to use, yet rich with powerful features. It is a thoroughly professional tool which allows you to achieve your vision, whether you are creating narrative film or simply capturing irreplaceable moments—the art of real life.





HIGH DEFINITION COMES HOME / QUALIA 002 is a marvel, a stunning example of sophisticated technology made truly usable. The advanced CCD image system creates stunning images of remarkable detail and clarity. The Carl Zeiss® Vario-Sonnar® SQ T\* (Special for QUALIA) lens provides an extraordinary level of quality. Carl Zeiss, of course, is the maker revered by professional cinematographers. The LCD screen allows you to view your images just as they are recorded, in a spectacular, full 16:9 viewing field. Its sophisticated, automatic Shot Transition capabilities give you control over a range of fade-ins and crossfades, as well as transition timing. All in all, the extraordinary video QUALIA 002 captures will more than do justice to the very best High Definition screens in the world.

QUALIA 002 also provides you with as much (or as little) control as you require. The choice is always yours, and always at your fingertips: highly sensitive Auto Focus Assist, or powerful manual focus controls; auto exposure, or complete control over the most subtle exposure variances; and full 1080i High Definition Video, or standard definition.





**CARL ZEISS LENS** / Hailed throughout the film industry for the ability to capture beautiful, rich images, Carl Zeiss lenses are revered by professional cinematographers. The Carl Zeiss Vario Sonnar SQ T\* (Special for QUALIA) lens has been polished to an unusually high degree, providing an extraordinary level of quality while reducing chromatic aberration. In addition, the specialized Carl Zeiss lens coating reduces the reflection of incoming light off the lens surface, allowing more light to reach the CCDs. The lens is also capable of 12x optical zoom, while maintaining image clarity and color and reducing both glare and lens flare.



**CCD** / The heart of QUALIA 002 is comprised of three integrated CCDs (Charge Coupled Devices). They have been designed to maximize the camcorder lens' potential by providing an effective pixel resolution of 1070k. This results in incredible detail and clarity. The imagers capture considerably more light, improving the signal-to-noise ratio when compared with standard CCDs. In addition, three Cinematone Gamma™ modes allow you to fine-tune for the most film-like quality. As a result, QUALIA 002 is able to create images of absolutely breathtaking depth and richness.



**ENHANCED STEREO MICROPHONE** / The built-in stereo microphone, exclusive to QUALIA 002, employs an advanced design which captures audio digitally at a very high sampling rate. The design delivers great sensitivity, creating an extremely lifelike, full-range soundscape commensurate with QUALIA 002 video quality.



**16:9 LCD SWIVELSCREEN™** / So that you can properly evaluate and compose as you work, QUALIA 002 offers a stunning SwivelScreen for sharp and detailed images during both recording and playback. Configured specifically for QUALIA 002, the Clear Photo LCD screen provides optimum contrast and brightness, creating an optimum viewing source in all lighting conditions. The specifically designed LCD screen virtually eliminates the washed-out picture which can hamper the readability of many screens while shooting outdoors.





**ERGONOMIC DESIGN /** QUALIA 002 is the culmination of more than 20 years of Sony design evolution. In keeping with the overall concept of providing you with just the amount of control you want, controls are situated for natural, comfortable access while remaining unobtrusive. The LCD rotates into view, and will similarly disappear rather than take up critical space. QUALIA 002 can be held as a traditional camera, or positioned with its tripod, a shoulder strap, or by its top handle. All these capabilities are housed in a well-balanced camcorder that is easy to maneuver.



**PIANO FINISH, ELEGANTLY STYLED HAND STRAP /** As handsome as it is practical, QUALIA 002 features an elegant, Piano Black finish. The surface is created using several layers of lacquer, applied carefully over time to create a smooth and refined finish. The elegantly styled hand strap features thick, comfortable padding, designed to prevent chafing and to allow your hand to remain cool and comfortable over extended shooting periods.

**ACCESSORIES /** The camcorder comes equipped with a comprehensive set of accessories, providing you with everything needed to get the most out of QUALIA 002.

**SHOTGUN MICROPHONE /** In addition to its built-in stereo microphone, QUALIA 002 comes with the highly regarded ECM672 Uni-Directional Electret Condenser Microphone. Its super-cardioid-pattern construction will record highly detailed sound at considerable distances, allowing you to capture the subtlest of moments.

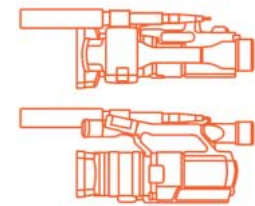
**BATTERY /** The Sony NP-F970 is the highest capacity L Series battery, providing a great deal more operating time. The battery possesses a built-in microprocessor, which accurately calculates remaining power within minutes. And InfoLithium technology means the battery will not lose storage capacity when recharged.

**BATTERY CHARGER /** The AC-VQ850 High Speed Portable Battery Charger is designed to keep you shooting. Its Quick Charge mode will charge the battery approximately twice as fast as will a standard charger. Extremely small, lightweight and easily portable, it has the capability to charge two batteries at once, assuring you hours of uninterrupted power. The built-in AC adaptor requires no external cord.

**SHOULDER BRACE /** The HDV Handycam® shoulder brace is easy to connect, comfortable and fully adjustable. It provides a steady platform for shooting High Definition video.







#### GENERAL

- 3 1/3" 16:9 newly developed Super HAD\* CCD Imagers, 1.12M Pixels Gross
- High quality 12X Optical Zoom Carl Zeiss\* Vario-Sonnar™ SQ T\* (Special for QUALIA) Lens
- Super SteadyShot™ Optical Stabilization System
- Non-Perpetual Manual Zoom Ring
- Manual Focus Ring
- Manual Iris Control w/24 steps

- Picture Profile™ feature offers 6 memory locations for storing important camera settings:

#### MONITORING

- 3 1/2" (viewable area, measured diagonally) 16:9 Hybrid LCD Display (250K Pixels)
- Large 16:9 Color EVF
- Simultaneous use of EVF and LCD display

#### RECORDING FEATURES

- HDV\* 1080 60i/30F/25F (CineFrame Mode) Recording and Playback capable
- 3 User Assignable Buttons for quick access to frequently used functions
- i.LINK™ DV Interface (IEEE1394†)
- MPEG2 Real Time Encode System for real-time processing of HD data
- 14 Bit DXP (Digital Extended Processor) combines 14 bit A/D converter with an advanced camera processing system
- Switchable HDV/DV Format Recording
- Built-in HD to SD down conversion
- Precision 16:9 SD DV recording
- Expanded Focus Function for easy confirmation of focus setting during manual focusing
- EVF & LCD Peaking Indicator
- Advanced Zebra Indicator
- CineFrame™ and Cinematone™ functions for cinema-like recordings (25F/30F/24F)

#### CREATIVE CONTROL

- Shot Transition with Start Timer
- Analog/Digital Conversion with Pass-Through
- Manual White Balance Adjustment
- Manual gain switch with user assignable L/M/H settings (0db, 9db and 18db)
- Handle mounted ZOOM/REC control
- 3 position ND filter switch-explain-values (ND)
- One button status check, for user assignable menu items

#### AUDIO

- Built-in Enhanced Range Stereo Microphone

#### BATTERY

- Battery Info function allows the battery's charge level and remaining run time to be checked with the camera's power turned off
- Approximately over 5 1/2 hours of operation on a single NPF-970 battery (included) – actual battery life may vary based on usage patterns

#### OPTIONAL ACCESSORIES



LCH-FXA Professional Handycam™ Carrying Case



VCL-HG0872 72mm  
0.7x Wide Angle Lens  
and Lens Hood



VF-72CPK 72mm  
Polarizing Filter Kit



HVL-20DW2  
10 watt & 20 watt  
Dual Video Light



\*i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an IEEE 1394 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. ©2005 Sony Electronics Inc. All rights reserved. Features and specifications are subject to change without notice. Reproduction in whole or in part without written permission is prohibited. Sony, QUALIA, CineFrame, Cinematone Gamma, DigitalMaster, i.LINK, Luma and Super HAD are trademarks of Sony. Carl Zeiss and Vario-Sonnar are trademarks of Carl Zeiss. HDV and the HDV logo are trademarks of Sony Corporation and the Victor Company of Japan, Limited. All other trademarks are property of their respective owners. Nonmetric weights and measures are approximate. Monitor images are simulated.

**SONY**