

FISHER CAMERA-CORDER FEATURE-BENEFIT GUIDE

Fisher's FVD-C1 CameraCorder™ is a revolutionary breakthrough that combines a 3.2-megapixel digital still camera and a digital camcorder capable of generating richly detailed, DVD-like videos, all in an amazingly compact unit about the size of a cell phone.

This remarkable product was developed by Fisher, one of the oldest and most respected names in multimedia technology. With the resources of one of the world's largest and most advanced energy and electronics companies, Fisher was a natural choice to develop this groundbreaking achievement in digital imaging.

This Feature-Benefit Guide has been developed to help familiarize you with the FVD-C1 so you can more comfortably present and demonstrate it your customers. This is not an operational guide, but rather a detailed summary of the product's most important features, and what they mean to the end user. Features are presented below roughly in the order of their importance. The FUNCTION statements describe how the feature works, while the BENEFIT statements go into more detail on why this will be significant for your customers.

FEATURE:	<u>Ultra-Compact, Ergonomic Design</u>
FUNCTION:	Brings together a high performance, 3.2 megapixel digital still camera and a full-featured digital camcorder in one package about the size of a cell phone, weighing less than five and a half ounces. All controls may be accessed via the thumb of the hand holding the unit.
BENEFIT:	Comfortable, steady one-hand operation that makes it easy to focus on—and be part of—the action anywhere, anytime.

The FVD-C1 has been designed to mesh seamlessly with today's active lifestyles. It fits smoothly in the palm of the hand. It lets you concentrate on the subject without losing sight of what's being recorded. And, best of all, it slips unobtrusively into a pocket or purse when not in use.

FEATURE:	<u>Simultaneous Digital Still/Digital Video Recording</u>
FUNCTION:	Takes high resolution digital still pictures and full-motion digital video at the same time.
BENEFIT:	Enhanced imaging opportunities. Allows you to grab a quick shot of that special, unrepeatable moment without stopping a video recording in progress.

Talk about versatility! This is the world's first pocket-sized product* that lets you make crisp, clean, great-sounding DVD-like digital video recordings and high resolution digital still photos—up to 3.2 megapixels!—at the same time! Any parents who have ever watched their child's first steps and tried to quickly choose between their camera and their camcorder will certainly appreciate this technological breakthrough.

*Consumer use digital video camera category with better than VGA camcorder resolution (as of 10/1/03)

FEATURE:	<u>3.2 Megapixel CCD Image Sensor</u>
FUNCTION:	Produces up to 30-minutes of DVD-like video or 80-minutes of VHS-quality video with the supplied 512MB SD memory card. <i>Or</i> Up to 491 still pictures in high resolution (2048 x 1536; more than enough for a crisp, sharp 11" x 14" color print) mode or up to 3931 still pictures in normal resolution (640-480) mode.
BENEFIT:	With a single unit, you can create dazzling, DVD-like digital videos and incredibly rich, life-like digital still photos.

Fisher's FVD-C1 incorporates an advanced 3.2 million pixel CCD image sensor that offers absolutely stunning image clarity and detail in both digital video and still modes. This is the first product of its kind capable of such amazingly high levels of resolution.

FEATURE:	<u>MPEG4 Standard Digital Video</u>
FUNCTION:	Generates significantly higher quality digital video and audio from a file size smaller than earlier digital video formats.
BENEFIT:	Storing and downloading digital still and video files is exceptionally quick. It also enables you to pack as much as an hour of DVD-like quality video (with crisp, CD-like sound!) onto a single 1GB SD memory card.

The open MPEG-4 video and audio standard is a major advancement over predecessors MPEG-1 (the principal technology in CD video) and MPEG-2 (compressed video format) technologies. Not only does our exclusive MPEG-4 chip deliver better than the previous formats, it does so in a much smaller file size, making it easier and quicker to download or electronically send files. MPEG-4 is among the most advanced video standards for such applications as Internet multimedia, interactive video games, interpersonal communications, interactive storage media, and wireless multimedia.

Some newer camcorders with MPEG4 compression use a lower frame rate to create a substantially inferior digital video file (See table below). With Fisher's remarkable new CameraCorder, you can actually select the frame rate according to the image quality you prefer. (See the Video Clip option in the Basic or Expert on-screen menus.)

	FISHER MPEG4	OTHER MPEG4
Video Quality	DVD-like	VHS
Motion	Smooth	Jittery
Frame Rate	30fps	15fps

NOTE: To use MPEG4 files on your PC, you must use one of the following programs : Ulead PhotoExplorer (included with the Fisher CameraCorder), QuickTime 6 or other software supporting ISO-standard MPEG4 with AAC audio. See the owner's manuals of the CameraCorder and your PC for details.

FEATURE:	<u>SD Memory Card</u>
FUNCTION:	Provides a compact, highly portable storage medium, available in a variety of sizes, for capturing and enjoying digital video and digital still photos. Makes it possible to choose from basic, web-friendly resolution to dazzling high DVD-like images.
BENEFIT:	You can now record as much as an hour of true, DVD-like digital video (over 3 hours of VHS-quality video!) or store as many as 7000 digital still photos (the equivalent of about 200 rolls of film!) on a single 1GB SD memory card. This ingenious format also assures quick access to specific digital video segments without having to fast-forward or rewind through unwanted material.

About the size of a postage stamp, the advanced SD (Secure Digital) removable memory card ushers in an exciting new era in the fast, flexible, simple and secure transfer of high volumes of digital video and audio data. Fisher's FVD-C1 comes equipped with a high capacity, 512MB SD memory card. Additional SD cards are available with storage capacities of as much as 1GB.

SD MEMORY CARD STORAGE CAPACITIES

The following chart provides an approximate indication of the total recording time *or* still image capacity of various SD media.

Video

Resolution SD Memory Card Size	TV-SHQ Enhanced DVD-Like Quality 30fps	TV-HQ DVD-Like Quality 30fps	TV-S VHS Quality 30fps	Web-HQ Streaming Video High Quality 15fps	Web-S Streaming Video Standard Quality 15fps
512MB	21 min. 2 sec.	30 min. 39 sec.	81 min.	117 min.	151 min.

Still Photo

Resolution SD Memory Card Size	3.2Megapixels 2048 x 1536 Mode	2.0Megapixels 1600 x 1200 Mode	0.3Megapixels 640 x 480 Mode
512MB	491 images	786 images	3931 images

FEATURE:	<u>Tape-Free Design</u>
FUNCTION:	Provides full-featured digital video and digital still recording, without having to rely on magnetic video tape cassettes of any kind.
BENEFIT:	Simplifies operation. Saves money that might have spent on tape. Provides instant access to previously recorded material. Minimizes wear and tear by requiring far fewer moving parts.

Anyone who has used a digital still camera in recent years knows how convenient it is to not have to worry about film. Now, thanks to the breakthrough technology inside Fisher's FVD-C1, that same level of convenience and versatility applies to a full-featured camcorder as well. Even the highest quality tapes can degrade over time, but with the CameraCorder, all your stills and videos can be archived on DVD discs to deliver a far longer useful life, while simplifying operation, saving money and minimizing clutter. In addition, digital video files created on the FVD-C1 may be accessed almost instantaneously, with no need to wait for the tape to fast forward or rewind to the desired point.

FEATURE:	<u>Video Clip Editing</u>
FUNCTION:	Cuts video clips at selected points and/or joins two separate video clips together.
BENEFIT:	You'll be able to create smoother, more professional looking videos by deleting extraneous scenes and combining related scenes together into one coherent sequence.

It is an unwritten law of home video that events always look more interesting as they are being recorded than they do during playback. The FVD-C1 offers a versatile, easy-to-use editing system that lets you cut and combine scenes to make your finished videos look more polished and appealing. In essence, you can cut any video clip at any point and save it from the beginning to that point as a separate file (your original remains untouched in memory!). You can also create and save a new file from any point in the clip to the point where the recording stopped. You can also join video clips together and save them as discrete files. Think of the possibilities! You may have had to wait for nearly an hour to get to that point in the school play where your daughter steals the show, but with the FVD-C1's in-camera editing capability, you can pick and choose the exact magic moments you want to share with family and friends...without any external equipment or software!

FEATURE:Multi-Function Docking Station**FUNCTION:**

Charges both the internal Lithium Ion battery and an optional second external battery. Simplifies connection to your PC or TV. Acts as an AC adapter when connected to external components.

BENEFIT:

The CameraCorder docks neatly atop the Multi-Function Docking Station, making it amazingly convenient to recharge the internal battery as well as watch previously recorded material on your TV or transfer files to your PC for use in e-mail, editing, DVD creation, etc. The multi-Function Docking Station will even re-charge a second, optional battery at the same time.

The Multi-Function Docking Station makes advanced technology easy to use and enjoy. It also provides a safe home for the unit during playback or transfer. This lightweight, donut-size module will recharge the unit's internal battery, without having to remove it. It also includes a digital A/V terminal for quick, effortless connection to your TV (via supplied AV cable) or PC (with supplied USB cable). There's even a special adapter included to provide direct connection to your TV or PC without the Multi-Function Docking Station.

FEATURE:	<u>High Performance Movie-Making & Image Stabilization Software</u>
FUNCTION:	Used to edit MPEG4 video files and prepare them for DVD transfer; Also detects and minimizes unwanted camera movement in MPEG4 video files.
BENEFIT: create	This powerful suite of software tools makes it easy to create polished, professional-looking digital videos from your

Fisher's FVD-C1 CameraCorder comes with an incredible package of sophisticated movie-making software designed to make every production one to remember. These versatile tools include:

- **Motion Director** The world's first image stabilizing software for the PC reduces the effects of a shaking camera hand to ensure a stable, pleasing image during playback.
- **Ulead Video Studio 7** A comprehensive assortment of resources for editing MPEG4 video files and translating them to DVD Video.
- **Ulead Photo Explorer 8.0** makes it possible to create Video CDs.
- **Quick Time 6.3** Used to play MPEG4 video files.

*Systems Requirements: Windows 98/2000/ME/XP operating system with a Pentium III (1GHz) or faster processor.

FEATURE:	<u>Rotating Full-Color LCD Monitor w/Mirror Mode</u>
FUNCTION:	Thin Film Transistor (TFT) LCD panel snaps into the side of the CameraCorder when not in use and pops out, Rotates as much as 270° to deliver a bright, full-color 80,000-pixel display of what the lens sees.
BENEFIT:	Makes it easy to shoot from just about any angle or perspective. Versatile rotating mount also enables you to turn the display completely around, snap it back into the body of the CameraCorder to view playback more comfortably.

The Fisher CameraCorder features a bright, low-temperature polysilicon Thin Film Transistor (TFT) LCD, with 110,000 pixels of resolution. This display technology utilizes a semi-transmissive panel to overcome problems caused by light reflection in sunny weather. In direct sunlight, the backlight can be turned off for a clearer on-screen image. The TFT LCD panel uses a separate transistor for each pixel, ensuring accurate color and sharpness.

Its innovative rotating design makes it super-easy to record and play under just about any conditions you can imagine. When the display is opened, rotated 180° and snapped back into the body of the CameraCorder, the image in the viewfinder flips 180° to present a right-side-up picture so you can jump into the picture and still keep track of the recording being made. This is great for making a record of those special family get-togethers. When used with the self-timer, the display even shows a multi-segment indicator to alert you when the photo or video is about to be taken. Closing the LCD monitor door will put the FVD-C1 into sleep mode, saving battery power while keeping you prepared for the next photo or video opportunity.

FEATURE:	<u>High-Speed USB Connectivity</u>
FUNCTION:	Connects the CameraCorder to any external digital Component (i.e: your PC) using a USB or USB2 interface.
BENEFIT:	Using and enjoying the videos and still photos you create with Fisher's FVD-C1 is as simple as can be. The supplied connecting cable routes your digital files directly from the CameraCorder (or from the Multi-Function Docking Station) to the USB port on your PC. Since nearly all currently available PCs are USB-friendly, usually no software is needed to transfer files. Fisher's new CameraCorder is also fully compatible with the newer, high-speed USB2 standard.

Thanks to separate, speedy USB ports on the FVD-C1 and the Multi-Function Docking Station, downloading digital videos and photos to your PC is simple, quick and convenient. There are even separate USB settings for your PC and for direct connection to a printer. A dedicated USB connecting cable is provided for this purpose.

FEATURE:	<u>Lithium Ion Battery</u>
FUNCTION:	Provides a compact, reliable and rechargeable power source for the CameraCorder.
BENEFIT:	Ultra-efficient Lithium Ion battery can be recharged at any time (no need to wait for battery to discharge completely) without compromising the useful life of the battery. Miniature size (about the size of a soda cracker) gives the Fisher CameraCorder its unique, space-saving design.

Without its advanced Lithium Ion battery, the compact size and ergonomic styling of the Fisher CameraCorder would not be possible. The battery may be recharged in the Multi-Function Docking Station in about 90 minutes. Fully charged, the battery can provide power for taking about 350 still images, taken at 20-second intervals with the flash used on every third shot. Alternatively, the battery will provide power for about 200 continuous minutes of video playback. A second battery (optional) may also be recharged at the same time with the supplied AC adapter cable. This super-efficient battery has no memory effect and can be safely recharged at any time.

FEATURE:	<u>9-Image Display Playback</u>
FUNCTION:	Displays a thumbnail image of as many as nine different digital stills or video files on the LCD monitor at the same time.
BENEFIT:	Finding particular video scenes or stills is very simple and convenient.

When you stop to consider that with the right SD memory card in place, Fisher's FVD-C1 can store thousands of still images or a comparable number digital video files, it's a good thing they're easy to find and view! With the main switch set to PLAY, press the W on the Zoom Control switch to activate the multi-image preview mode. Video files (only the first frame is shown) can be distinguished from stills by the row of tiny boxes (similar to sprockets on motion picture film) above and below the frame. Even audio-only files are displayed with a musical note icon in the middle of a gray field. Toggle the SET button to move the orange highlight frame from thumbnail to thumbnail to select a specific file. Press the SET button to view a full screen rendition of the image.

FEATURE:	<u>Audio Recorder Mode</u>
FUNCTION:	Creates audio-only recordings with crisp, CD sound quality.
BENEFIT:	The compact FVD-C1 can do double duty as a handy

Whether it's an important sales meeting, a lecture at your child's school or a challenging new piano lesson, having a quick and easy way to make audio recordings can be very useful. Selecting Voice Memo from the Video Clip menu transforms the FVD-CD1 into a high definition audio recorder.

FEATURE:	<u>Direct Dubbing</u>
FUNCTION:	Copies digital recording made on the FVD-C1 directly to your analog (VHS) VCR or DVD recorder.
BENEFIT:	It is easy to create dubs of any video made with the CameraCorder by connecting with the supplied AV cable to connect it to external components.

Sharing those special moments with family and friends who may be far away and without digital video playback options is a breeze. The Fisher CameraCorder connects easily to any analog VCR (or camcorder with appropriate inputs). What's more, you can control the process with the supplied infrared remote. What's more, because each scene is stored as a separate file, locating specific program segments using the on-screen display is extremely quick and easy—no tapes to fast forward or rewind!

FEATURE:	<u>Simplified On-Screen Menu</u>
FUNCTION:	Guides you through each recording and playback option with easy-to-follow menu selections that appear right on the FVD-C1's viewfinder.
BENEFIT:	Using the CameraCorder is super-convenient. Functions and options are easy to find and utilize.

Just about all of the FVD-C1's many features may be accessed from its intuitively designed on-screen menu system. Choose between basic and expert versions of separate record and playback menus to keep things simple or find just the setting you want. In record mode, you can scroll through basic options that let you select resolution, scene type, timer, flash mode and special effects like ghosting, sepia tone tinting, timer, white balance adjustment (expert mode) and macro focus (expert mode). The playback menu lets you adjust volume and brightness, protect specific files, delete files and display as many as 9 separate files (still or video) on-screen simultaneously. There's even a separate options menu that lets you adjust things like time, date, volume and the on-screen language (8 choices!).

FEATURE:	<u>Power Save Function</u>
FUNCTION:	When set to the record mode, the FVD-C1 will put itself to sleep after a specified period of inactivity.
BENEFIT:	Conserves the battery and ensures that you have the power you need when that special shot comes into view.

Power is always a difficult thing to manage, but Fisher's CameraCorder simplifies things with its Power Save circuit. Not only will the CameraCorder shut itself off in the record mode after it has been sitting idle for one minute (or after five minutes in play mode), it can also be re-activated by pressing the SET button or the ON/OFF button (briefly). The FVD-C1 will also shut itself off after 10 minutes when connected to an external power source. Best of all, these times can be easily adjusted via the on-screen menus. Closing the monitor door will also activate the sleep mode.

FEATURE:	<u>Image Rotate</u>
FUNCTION:	In play mode, an on-screen menu option lets you rotate digital still images 90° to the left or the right.
BENEFIT:	Vertically composed images can be viewed as they were shot, rather than the usual horizontal configuration conforming to the alignment of the CCD image sensor.

If you've ever been annoyed by having to turn your digital camera (or your head!) sideways to view a photo that was originally composed vertically, you'll love the FVD-C1's Image Rotate feature. At the touch of a button, you can rotate any still image 90° to the left or right for more convenient viewing. The image will also be saved in this new, rotated format (rotated images will print in their original unrotated perspective).

FEATURE:	<u>Multiple TV Formats</u>
FUNCTION:	The FVD-C1 can be used in conjunction with NTSC or PAL formatted TVs
BENEFIT:	Digital still or full-motion video playback is possible on TVs operating under the NTSC (North America) or PAL (Europe) systems.

The world traveler will appreciate the fact that the CameraCorder can play still or full-motion video on TVs operating under the NTSC (North America) or PAL (Europe).

FEATURE:	<u>Playback Zoom/Search</u>
FUNCTION:	In play mode, pressing the T/W zoom slider switch will enlarge or reduce the displayed image from 100% to 1000% actual size. The 4-position SET button may also be used to move around the image once it has been magnified.
BENEFIT:	It is easy and convenient to check the smallest detail in

Fisher's CameraCorder gives you in unprecedented flexibility and control in reviewing your digital still shots. From the 9-image display menu, you simply select the image you want to examine and then click the T or W side of the T/W zoom slider switch to magnify or reduce it. From there, you can also move around to check specific points on the image by navigating with the 4-position SET button. The magnified portion of the image may even be saved as a separate file.

FEATURE:	<u>Date Stamp</u>
FUNCTION:	Automatically displays the date in the lower left corner of the viewfinder as you record (stills or video). Also will stamp the date each file was created in the same location in three different formats (D/M/Y, M/D/Y or Y/M/D).
BENEFIT:	Keeping track of when each image or video was created is simple, quick and convenient

One of the most enjoyable aspects of building a family video or photo collection is remembering those special, once-in-a-lifetime moments. Once it has been properly set, the FVD-C1 embeds the date the date each recording was made directly into the digital file. It can then be displayed on-screen during playback or combined with any of your still images when they are output to a printer.

FEATURE:	<u>Dual-Function Zoom Lens</u>
FUNCTION:	Combines a 5.8:1, 11-element optical zoom lens with a digital zoom function that delivers an additional magnification range of 10:1.
BENEFIT:	You can easily zero in on the smallest detail and follow the action at the busiest event with the FVD-C1.

When it comes to creating photographic images of any kind, the quality you're able to generate really begins with the lens. That's why Fisher has equipped the FVD-C1 with a precision-crafted 5.8:1 prismatic lens featuring 11 separate elements, with a zooming capability equivalent to a 35mm camera with a 38mm-200mm lens. There is also an additional digital zoom function that is enabled when you reach the maximum optical range of the lens. At this point, you can get 10-times closer to the subject! An on-screen display provides a readout of both the optical and digital zoom positions.

FEATURE:	<u>2-Speed, Forward/Reverse Picture Search</u>
FUNCTION:	Speeds up the process of finding specific video segments by enabling you to jog back and forth at different speeds.
BENEFIT:	Greater control and flexibility during playback and editing.

If you are watching a video, either on the FVD-C1's built-in monitor or an external display, you can use the SET button (or the remote!) to toggle back and forth between forward and reverse picture search modes at 15 or 30 times normal speed. No audio will be heard during search modes.

FEATURE:	<u>Multi-Function Special Effects Playback</u>
FUNCTION:	Lets you slow down or stop the action during forward or reverse playback.
BENEFIT:	You can isolate and scrutinize any video segment to either check the content or make selections for editing.

Maybe you want to inspect your golf swing...or check that tape of the birthday party to see who wasn't singing when they brought out the cake. Pause playback (toggle the SET switch up) and then you can slow down the action or watch frame by frame in forward (toggle SET switch to the right) or reverse (toggle SET switch to the left). Using the single frame mode is also helpful when you want to locate a point on a video to save as a digital still image.

FEATURE:	<u>Multi-Function Information Screen</u>
FUNCTION:	Provides a detailed display of how various CameraCorder settings were configured when a selected still or video file was created.
BENEFIT:	You can quickly check the characteristics of images and videos you've created, as well as the operational status of several FVD-C1 features

Someone once said that is you can't measure it, you can't manage it. The FVD-C1 has you covered in this respect with its invaluable multi-function information screen. Available during the playback of videos or stills, this integrated on-screen display provides an at-a-glance update that tells you the date and time the file was created, how the photo resolution or video clip mode was set, file size and whether the file has been protected to prevent erasure. This handy screen also keeps track of remaining card memory and remaining battery power. It can be accessed during playback by pressing the MENU button for about two seconds.

FEATURE:	6-Mode Auto Exposure Control w/Manual Override
FUNCTION:	Adjusts a variety of CameraCorder settings, including aperture, shutter speed and ISO sensitivity, according to ambient light conditions. May also be fine-tuned manually as you record.
BENEFIT:	The FVD-C1 can capture richly detailed and lifelike stills and videos under a wide range of different shooting conditions.

Light is the paint with which every photographer must work. The Fisher FVD-C1 incorporates an exceptionally versatile Auto Exposure system that can maximize the quality of your stills and videos, depending upon how and where they were shot. In the record mode, from The Basic Menu, choose the Scene Select option and you can fine-tune exposure in the following ways:

• AUTO	The CameraCorder will automatically adjust all necessary settings according to the prevailing conditions.
• SPORTS	Relies on a faster shutter speed to capture split-second image (or a clean, fluid video) of a fast-moving subject.
• PORTRAIT	Creates a moving 3D effect of your subject by artfully blurring the background.
• LANDSCAPE	Ideal for beautiful shots of distant scenery.
• NIGHT VIEW*	Uses a slower shutter speed to capture your subject while keeping the nighttime background clear and distinct.
• LAMP*	Uses the maximum aperture and a slower shutter to shoot and/or record under low light conditions, such as candlelight.
* It is advisable to keep your subject stationary and, if possible, use a tripod in these modes.	

The FVD-C1 even lets you fine-tune exposure to get just the effect you want. Select the Expert Menu (press MENU and toggle the SET button to the left). Suppose you're in the middle of recording a video and you notice that the exposure is not quite right. Pause recording, toggle the SET button left or right to lighten or darken the image. An on-screen display pops up showing you how much lightening or darkening you've applied.

FEATURE:	<u>DPOF-Compatible Digital Still Output</u>
FUNCTION:	Lets you specify for each image the number of prints desired, whether or not you want the date displayed and whether or not an index print of all images is desired.
BENEFIT:	Working from your installed SD Memory card, you can easily control various output characteristics when printing a batch of digital still image files.

DPOF (Digital Print Order Format) is a protocol the FVD-C1 uses to communicate with your printer (or print service provider) to specify print quantity, date imprinting and the preparation of an index print of all images output at a given time. This is a standard interface found in most newer inkjet printers. It is also utilized by most commercial photo finishing and printing dealers.

FEATURE:	<u>On-Screen Help Display & Audio Guide</u>
FUNCTION:	Provides on-screen pointers or spoken audio cues on using various CameraCorder functions.
BENEFIT:	Finding and using all of the many features of the FCD-V1 is extremely simple, even for those who may have never used a camcorder or digital camera before.

All the cutting edge technology in the world doesn't mean to much if it's complicated or confusing to operate. That's why Fisher has included an on-screen HELP display. When activated through the Guidance option on the Settings menu, you can navigate through a useful series of step-by-step instructions on key operating features. There's also an Audio Guide option that offers verbal operating instructions on using the FVD-C1. (NOTE: The audio prompts will always be in English, regardless of which on-screen menu language has been selected.)

FEATURE:	<u>On-Screen Image/Time Counter</u>
FUNCTION:	Displays the number of digital still images (upper left) or minutes of digital video (upper right) which can be recorded on the installed SD memory card at the specified resolution or video clip settings.
BENEFIT:	You can easily keep track of how much storage space you have left on your current SD memory card.

Nobody wants to be in the middle of a special event and find they've reached the digital equivalent of running out of film. The FCD-V1 includes a pair of unobtrusive on-screen displays, visible in the record mode, to keep track of remaining still or video capacity.

FEATURE:	<u>Battery Life Indicator</u>
FUNCTION:	Displays an on-screen icon (at lower right) showing the approximate remaining battery charge.
BENEFIT:	Makes it easy to monitor how much power remains in the battery, enabling you to change batteries, re-charge or switch to AC power if you are about to record an important event.

The FCD-V1 lets you keep an eye on available power without taking your eye off the action. A 4-mode on-screen icon display alerts you when the battery is fully charged, low or about to run out completely. The icon flashes while recording when power has dropped so low that images cannot be captured.

FEATURE:	<u>Infrared Remote Control</u>
FUNCTION:	Accesses most playback and menu functions from 20-feet away when the FVD-C1 is docked with the Multi-Function Docking Station.
BENEFIT:	Playing, sharing and editing your digital stills and videos is extremely convenient and enjoyable.

Fisher engineers have thought of everything! When the FCD-V1 is docked with the Multi-Function Docking Station and connected to an external display device (such as your TV), you can control playback and utilize all playback menus from the comfort of your easy chair with its remarkably compact and easy-to-use infrared remote. It features SET and MENU buttons that function just like those on the CameraCorder, as well as 4 cursor buttons that guide you through all the various on-screen options.

FEATURE:	<u>Multi-Mode Special Effects Filters</u>
FUNCTION:	Six different filters help accent your digital stills and videos with interesting special effects.
BENEFIT:	The FVD-C1 offers amazing creative latitude, making it possible to give images a special and unique look.

Give your stills and videos dramatic flair with the FVD-C1's built-in special effects filters. There are six separate filter options to choose from. These include:

• NONE	For normal photography; no filter is applied.
• COSMETIC	Great for portraits...skin tones in close-ups are enhanced and deepened.
• SLIM	Vertically compresses the subject to create a distorted, slightly comical image.
• MONOCHROME	Removes color from the image for that artsy, black & white look.
• SEPIA	Adds an old-fashioned sepia tone cast to the entire image
• GHOST	A radiant, multiple ghost-like effect appears just behind the subject. (NOTE: Use judiciously...When this filter is selected, resolution is fixed at 300,000 pixels, and may not be suitable for most digital video applications.)

FEATURE:	<u>3-Mode Timer</u>
FUNCTION:	Takes a photo or begins video recording after a specified time delay.
BENEFIT:	You can take the picture and still be in the picture! The FCD-V1 features a 3-mode timer that can be set to OFF or to take a picture (or begin video recording) after two or ten seconds.

Once activated, the built-in timer will flash the red indicator lamp atop the FVD-C1 once either shutter button has been pressed. In the 10-second mode, 4-seconds before the shutter is released, an on-screen indicator appears, which can be viewed by flipping the LCD monitor 180° so that it faces your subject.

FEATURE:	<u>3-Mode Auto Focus</u>
FUNCTION:	Offers three pre-set parameters for optimizing Auto Focus operation
BENEFIT:	Auto Focus can be set according to your relative distance from the subject, resulting in a sharper, more satisfying image.

If you're a stickler for detail, you'll appreciate the FVD-C1's Auto Focus options. They make it possible to fine tune focus sensitivity according to what's being shot and how. The options are:

• TOTAL RANGE	Full auto focus operation is enabled, from about 2-feet to infinity.
• NORMAL	Emphasis is given to subjects closer to the CameraCorder, with an effective range from about 3-feet to infinity.
• MACRO	Perfect for close-ups; concentrates on subjects between 1-inch and 24-inches away.

FEATURE:	<u>Variable ISO Sensitivity</u>
FUNCTION:	Adjusts the CCD image sensor's ability to detect and capture various levels of light.
BENEFIT:	You can adjust the FVD-C1's sensitivity to light to get great looking digital stills and videos under an extremely wide range of shooting conditions.

Anyone who has used conventional film camera knows that ISO settings measure light sensitivity. Just as you might select an ISO400 film for night photography or and ISO50 for use in bright sunlight, the FVD-C1's sensitivity can be adjusted five different ways from the Expert Menu): ISO-A, or fully automatic, ISO50, ISO100, ISO 200 and ISO400. Used in conjunction with the Scene Select menu, this makes it possible to get the perfect exposure, even under the most challenging lighting conditions.

FEATURE:	<u>Variable White Balance</u>
FUNCTION:	Offers five different ways to control the FVD-C1's ability to see and capture accurate, life-like whites.
BENEFIT:	Colors appear richer and more vibrant. Skin tones have a warmer, more natural look.

Getting a true, neutral white is essential in creating any kind of authentic digital still image or video. The FCD-V1 has five options for adjusting and fine-tuning white balance. These include:

• AWB	White balance is set automatically based ambient lighting conditions.
• SUNNY	For use outdoors on a sunny day.
• CLOUDY	For use outdoors on a cloudy day.
• FLUORESCENT	For use indoors under fluorescent lighting.
• INCANDESCENT	For use indoors under incandescent lighting.

FEATURE:	<u>3-Mode Flash</u>
FUNCTION:	Provides supplementary illumination to help create more aesthetically pleasing digital still photos (Flash function is not available during video recording).
BENEFIT:	You can take great looking photos with little or no available light.

The FVD-C1's flash does more than enable you to take pictures when ambient light is insufficient. It also helps compensate for subjects that are light irregularly. The built-in 3-mode flash may be set as follows:

• AUTO	The FVD-C1 will measure the subject's brightness and will activate the flash only when required. This setting is ideal for subjects who are predominantly dark or in shadows.
• FORCED	The flash will operate under all conditions. This setting should be used when the subject is backlit or in fluorescent lighting.
• OFF	The flash will not operate. Use this setting when you want to capture the natural ambient lighting, as in a night landscape or a shot of a birthday cake with candles.

FEATURE:	<u>Adjustable LCD Brightness Control</u>
FUNCTION:	Changes the brightness of the LCD monitor.
BENEFIT:	You can view the LCD monitor easily under a wide range of different lighting conditions

The LCD monitor will look different in subdued, indoor light than it will in bright outdoor sunshine. That's why the FVD-C1 includes an adjustable brightness control that lets you adjust the LCD's output for optimum visibility.

FEATURE:	<u>Multi-Function Status Indicator</u>
FUNCTION:	An LED indicator atop the FVD-C1 that changes appearance according to various operating conditions
BENEFIT:	Keeping track of CameraCorder status and verifying different functions or commands can be done with a quick glance at the unit.

Is the signal going through? Did I turn off the power or is it in sleep mode? These and all sorts of other questions can be answered by checking the FVD-C1's Multi-Function Status Indicator. This easy-to-see beacon keeps you on top of things with the following vital signals:

• GREEN	USB interface connection (PC connection mode)*
• RED	USB interface (PictBridge mode)*
• ORANGE	AV cable connection*
• FLASHING GREEN	Power Save mode
• FLASHING RED (long interval)	Self-timer photography
• FLASHING RED (short interval)	Accessing SD memory card (or battery charge error)