



DESKTOP TRAINING GUIDE SPRING 2003

SONY

SOFTWARE DEMONSTRATION



Since the first VAIO® computer was introduced in 1996, VAIO computers have stood apart from the competition for many reasons. The VAIO name and logo embody the underlying design goal and concept. VAIO stands for **V**ideo **A**udio **I**ntegrated **O**peration and the logo can be seen as the convergence of the world of analog and digital. Today VAIO computers continue to lead the industry in design and advanced technology. All VAIO computers provide users with a unique combination of hardware and software that make it easy to go beyond basic computing and into a world of creative capabilities. By including i.LINK® interface on all models, customers can connect equipped digital camcorders, and with the suite of Sony original software, they can unleash their creativity. Top of the line VAIO models include advanced features like DVD-RW and Giga Pocket™ Personal Video Recorders. With many different models to choose from, there's bound to be a VAIO computer that's right for your customer.



Click to DVD™ software

To demonstrate the Click to DVD software:

1. Insert tape into camcorder. If camcorder is not available, click on the "Click to DVD Automatic Mode" Icon to start program.
2. Connect camcorder to PC using the i.LINK cable. Turn camera to VCR mode.
3. Select "Make a DVD with One Click" option.
4. When "Click to DVD" opens, click "Create DVD."
5. Explain that DVDs are compatible with most home DVD players.



PictureGear Studio™ software

Demonstrate the ease of creating a photo album:

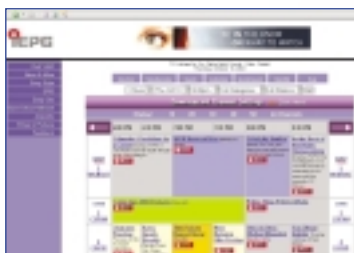
1. To start demonstration, click on the PictureGear Studio Icon under the Start/Program menu. Select the Photo Album option.
2. Select New Album.
3. Select pictures to use (there are pictures included with the Windows® system in "My pictures").
4. Select the design background.
5. Choose the layout.
6. Done.
7. Also show customers how easy it is to save a Flash file. (Select "Export" and choose the Flash File option.) This will be a small file that any browser can view.

TECHNOLOGY FOCUS AND FEATURED SOFTWARE

Giga Pocket™ Personal Video Recorder

Quick Tips on what Giga Pocket™ software means for your customer:

1. Analog to digital converter—Convert all of your personal home videos to digital using analog capture capabilities.
2. Personal Video Recorder—Capture TV to your computer's hard drive.
3. Easily burn to DVD.
4. Share over your wired or wireless connection with VAIO Media™ software.
5. Watch it where, when and on what you want.



Quick Tips on DVD+/-RW

1. Worry free burning +/- —the RZ desktops will do both. Never worry about format of media.
2. Using the DVD+/-RW with Giga Pocket PVR, you can burn your personal content to DVD to watch on your notebook or elsewhere.
3. The DVD+/-RW drive can still burn CDs and CD re-writables
4. Not only can make your own DVD movies, you can archive personal information like music, games, and other content up to 4.7GB

An exclusive VAIO solution.

Giga Pocket™ Personal Video Recorder-equipped VAIO PCs provide a new TV-watching lifestyle. It's easy to watch when, where and on what you want. You can hook up virtually any analog device—VCRs, 8MM camcorders, etc.—and convert personal videos to digital media using the built in Giga Pocket hardware, DVD+/-RW drive and Click to DVD software. You can use the Web-based programming guide to automatically record your favorite TV shows (www.sony.com/vaiotv). There is no charge for this Web service.

Giga Pocket Explorer allows you to easily manage your recorded content, using icons (shaped like VHS tapes) to indicate what's on your hard drive. Never again will you have to scan through VHS tapes to figure out what's on them. You can even make different cabinets to store different types of content (e.g., kids, movies, news). Each icon is its own TV show; you can even set Giga Pocket Explorer to delete capsules if they haven't been viewed within a certain period of time.

These desktops also come with an easy to use remote control. Enjoy sharing content with other PCs on your network (wired or wireless) in conjunction with Giga Pocket software, making it easy for family members to view recorded content on other PCs. See VAIO Media section for more information.

MORE TECHNOLOGY...

ROOMLINK™ Media Receiver PCNA-MR10

Use your home entertainment center TV and stereo to experience the video, audio and images stored on your VAIO PC.

- Use RoomLink media receiver to record live TV from your living room (TV signal is from Giga Pocket software).
- On your TV, view digital photos and videos recorded with Giga Pocket™ personal video recorder.
- Listen to your PC's music collection on your home stereo system.

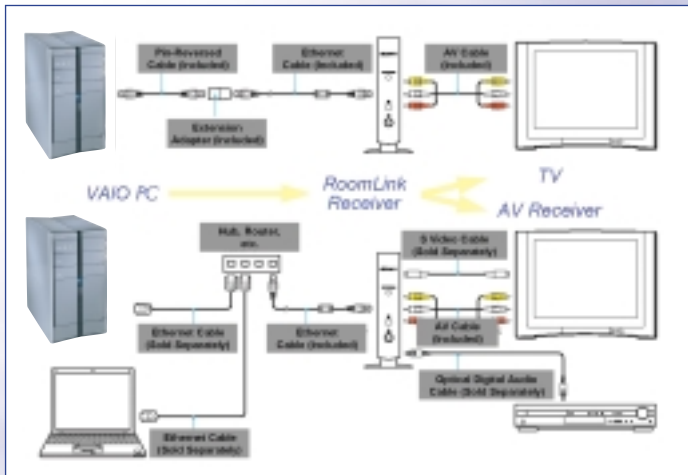
Stream recorded TV and personal video content to your home entertainment center TV from a VAIO PC equipped with Giga Pocket™ PVR and VAIO Media™ software. Enjoy your personal digital music collection on your home stereo.

RoomLink receiver has audio line outputs as well as an optical digital audio output (SPDIF) for superb audio playback quality.

Use your TV to show your vacation photos in slide show format—even add personal music to spice it up. Instead of bringing friends and family in to your home office to view photos on a small PC monitor, you can enjoy them on a big screen TV.



PCNA-MR10



ADVANCED SOFTWARE



VAIO Media™

VAIO Media™ software is a suite of unique and powerful software applications that allows you and others to get maximum enjoyment from your video, audio and still images. VAIO Media software lets you share content stored on your VAIO desktop or notebook with other PCs on your wired or wireless network. All VAIO computers can share audio and picture content. If your VAIO has a Giga Pocket PVR, you can also share your video content stored in Giga Pocket Video Explorer. All audio is stored in SonicStage™ software, and pictures are stored in PictureGear Studio software. If a PC on your network is not a VAIO computer, you can install a program that comes with your VAIO computer that will allow your other PC to view content (Windows XP OS required).

VAIO Media™ Software lets you share content...

	Music	Photo	Video	TV Liveplay
VAIO Desktops with Giga Pocket PVR	✓	✓	✓	✓
VAIO Notebooks and Desktops with VAIO Media software	✓	✓		



Adobe® Premiere® LE

Provides professional quality video editing tools for producing quality home movies with an elegant touch.



Sony® DVgate™

Editing digital video is a snap because DVgate software helps you capture, edit and assemble a polished home video everyone will enjoy. Sony DVgate software also incorporates still image capture capability from digital video using a compatible IEEE1394-capable digital camcorder.



Sony® MovieShaker™

Easily create personal movies complete with transitions, background music and text. Just import video clips, then click the "Shake" button. Also provides the ability to make more customized videos.



Adobe® Photoshop® Elements

Enhance your photographs with this powerful digital imaging solution with state-of-the-art tools for image editing and flexible image capturing that are ideal for amateur photographers and hobbyists alike!

	STYLE SERIES			DELUXEPRO™ SERIES				PREMIERPRO™ SERIES	ENTERTAINMENT SERIES
									
Flat Panel LCD									
Model Number	SDM-HS53	SDM-HS73	SDM-HS93	SDM-X52	SDM-X72	SDM-X82	SDM-X202/B	SDM-P232W/B	SDM-V72W
Viewable Image Size	15.0"	17.0"	19.0"	15.0"	17.0"	18.1"	20.1"	23.0" Wide (16:10)	17.1" Wide (16:9)
Native Resolution	1024 x 768	1280 x 1024	1280 x 1024	1024 x 768	1280 x 1024	1280 x 1024	1600 x 1200	1920 x 1200	1280 x 768
Brightness	250 cd/m²	250 cd/m²	250 cd/m²	300 cd/m²	280 cd/m²	300 cd/m²	250 cd/m²	200 cd/m²	450 cd/m²
Contrast	400:1	500:1	700:1	400:1	400:1	400:1	350:1	350:1	500:1
Viewing Angle	160°/150°	160°/150°	170°/170°	150°/115°	160°/160°	170°/170°	170°/170°	170°/170°	150°/120°
Response Time	30ms	20ms	25ms	30ms	30ms	50ms	30ms	40ms	22ms
Inputs	Analog (HD15)	Analog (HD15)	Analog (HD15)	Analog (HD15) DVI-D	Analog (HD15) DVI-D	Analog (HD15) DVI-D	Analog (HD15) DVI-D	Analog (HD15) DVI-D x 2	S-video/Composite, Component, PC



STYLEPRO™ SERIES	
FD Trinitron® CRT	
E540	
Viewable Image Size	21" /19.8"
Display Type	FD Trinitron® CRT
Maximum Resolution	1920 x 1440
Aperture Grille Pitch	0.24mm
Viewing Angle	Tilt and Swivel Base

STYLE
SERIES

- Sony's Best LCD Value
- Step Up from CRT
- Complements VAIO PCs
- Single Analog Input

DELUXEPRO™
SERIES



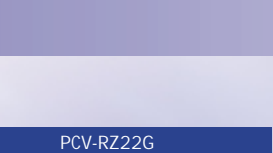
















- Step-up Model
- Integrated Power Supply
- Cable Management System
- High Performance Panel
- Better Brightness and Contrast
- Digital and Analog Inputs
- Stereo Speakers, Headphone Jack
























PREMIERPRO™
SERIES

- Professional Model
- Slim Bezel Design
- Digital and Analog Inputs
- Integrated Power Supply
- Cable Management System














ENTERTAINMENT
SERIES

- Multiple Inputs
- TV Tuner Ready
- Fast 22ms Video Response Time
- High Brightness and Contrast
- HDTV Compatible
- Fast Response Time
- Slim Remote Control

	VAIO Digital Studio™ RZ Series		
			
	PCV-RZ26G	PCV-RZ24G	PCV-RZ22G
PROCESSOR	Intel® Pentium® 4 Processor 3.06 GHz ^{1,5}	Intel® Pentium® 4 Processor 2.66 GHz ^{1,5}	Intel® Pentium® 4 Processor 2.4 GHz ^{1,5}
FRONT SIDE BUS/ PROCESSOR CACHE	533MHz/512KB Integrated On-Die Level 2	533MHz/512KB Integrated On-Die Level 2	533MHz/512KB Integrated On-Die Level 2
MEMORY	1GB PC-2700 DDR 333 (expandable to 1.5GB)	512MB PC-2700 DDR 333 (expandable to 1.5GB)	512MB PC-2700 DDR 333 (expandable to 1.5GB)
HARD DRIVE	160GB ³ 7200rpm Ultra ATA/100 Hard Drive	120GB ³ 7200rpm Ultra ATA/100 Hard Drive	80GB ³ 7200rpm Ultra ATA/100 Hard Drive
OPTICAL DRIVE 1	DVD+- (4X max. write/2X-2.4X max. rewrite/2X-2.4X max. read) CD-RW (16X max. write/10X max. rewrite/32X max. read)	DVD+- (4X max. write/2X-2.4X max. rewrite/2X-2.4X max. read) CD-RW (16X max. write/10X max. rewrite/32X max. read)	DVD+- (4X max. write/2X-2.4X max. rewrite/2X-2.4X max. read) CD-RW (16X max. write/10X max. rewrite/32X max. read)
OPTICAL DRIVE 2	16X max. DVD-ROM Read/40X max. CD-ROM Read	16X max. DVD-ROM Read/40X max. CD-ROM Read	40X max. CD-ROM Read
GRAPHICS	nVIDIA® GeForce4™ MX 440	nVIDIA® GeForce4™ MX 440	nVIDIA® GeForce4™ MX 440
VIDEO MEMORY	64MB Graphics Memory (128-bit DDR)	64MB Graphics Memory (128-bit DDR)	64MB Graphics Memory (128-bit DDR)
NETWORK/MODEM	10-BaseT/100-BaseTX Fast Ethernet/V.90 compatible data/fax modem	10-BaseT/100-BaseTX Fast Ethernet/V.90 compatible data/fax modem	10-BaseT/100-BaseTX Fast Ethernet/V.90 compatible data/fax modem
EXPANSION SLOTS	One AGP (occupied) Three PCI (one occupied by Modem) Memory Stick® Media Slot	One AGP (occupied) Three PCI (one occupied by Modem) Memory Stick® Media Slot	One AGP (occupied) Three PCI (one occupied by Modem) Memory Stick® Media Slot
i.LINK PORTS	One 4pin i.LINK ^{®2} port (front)/One 6pin i.LINK ^{®2} port (rear)	One 4pin i.LINK ^{®2} port (front)/One 6pin i.LINK ^{®2} port (rear)	One 4pin i.LINK ^{®2} port (front)/One 6pin i.LINK ^{®2} port (rear)
USB PORTS	Six USB (two front/four rear)	Six USB (two front/four rear)	Six USB (two front/four rear)
OTHER PORTS	One Parallel/One S/PDIF audio out/S-Video: Two Inputs, One Output/Composite Video: Video In/Audio In/Coaxial Input: (VHF/UHF)	One Parallel/One S/PDIF audio out/S-Video: Two Inputs, One Output/Composite Video: Video In/Audio In/Coaxial Input: (VHF/UHF)	One Parallel/One S/PDIF audio out/S-Video: Two Inputs, One Output/Composite Video: Video In/Audio In/Coaxial Input: (VHF/UHF)
FLOPPY DISK DRIVE	3.5" 1.44 MB Floppy Disk Drive	3.5" 1.44 MB Floppy Disk Drive	3.5" 1.44 MB Floppy Disk Drive
OS	Microsoft® Windows® XP Home Edition	Microsoft® Windows® XP Home Edition	Microsoft® Windows® XP Home Edition
Hardware Features	               		

	VAIO® W Series		VAIO® RS Series	
				
	PCV-W20		PCV-RS100	
PROCESSOR	Intel® Pentium® 4 Processor 1.8 GHz ^{1,5}		Intel® Pentium® 4 Processor 2.4 GHz ^{1,6}	
FRONT SIDE BUS/ PROCESSOR CACHE	400MHz/128KB Integrated On-Die Level 2		400MHz/512KB Integrated On-Die Level 2	
MEMORY	512MB PC-2100 DDR (expandable to 1GB)		256MB PC-2100 DDR (expandable to 1.0GB)	
HARD DRIVE	60GB ³ Ultra ATA/100 Hard Drive		60GB ³ Ultra ATA/100 Hard Drive	
OPTICAL DRIVE 1	CD-RW (16X max. write/10X max. rewrite/24X max. read) DVD-ROM (8X max. DVD-ROM read)		DVD-RW (2X max. write/1X max. rewrite/4X max. read) CD-RW (8X max. write/4X max. rewrite/20X max. read)	
DISPLAY	15.3" Flat Panel LCD Wide Aspect Ratio WXGA (1280 x 768)		40X max. CD-ROM Read	
GRAPHICS	SiS650 Integrated Graphics, comes with a built-in 15.3" wide display 1280x1024		Intel® 845GL Extreme Graphics	
VIDEO MEMORY	32MB Shared Graphics Memory		64MB Shared Graphics Memory	
NETWORK/MODEM	10-BaseT/100-BaseTX Fast Ethernet/V.90 compatible data/fax modem		10-BaseT/100-BaseTX Fast Ethernet/V.90 compatible data/fax modem	
EXPANSION SLOTS	Two PCMCIA Type-II Card Slots/Memory Stick® Media Slot		Three PCI (one occupied by Modem)/Memory Stick® Media Slot	
i.LINK PORTS	Two 4pin i.LINK ^{®2} ports on the side		One 4pin i.LINK ^{®2} port (front)/One 6pin i.LINK ^{®2} port (rear)	
USB PORTS	Three USB 2.0 (on the side, one used for the mouse)		Four USB 2.0 (two front/two rear)	
OTHER PORTS	Microphone, Headphone and line-in		One Parallel and One Serial	
FLOPPY DISK DRIVE	Sold Separately		3.5" 1.44 MB Floppy Disk Drive	
OS	Microsoft® Windows® XP Home Edition		Microsoft® Windows® XP Home Edition	
Hardware Features	                  		       	

HARDWARE FEATURE GUIDE

 PC Card Slot Use PC cards with your desktop, such as a wireless LAN card	 DVD-RW DVD reading, writing and authoring	 DDR Doubles the rate of speed at which standard SDRAM can process data
 Analog Audio/Video Inputs Import analog audio and video from external source for digital conversion	 CD-RW CD reading, writing and authoring	 Network/Modem 10/100 Network card and V.90 Modem
 Giga Pocket™ Personal Video Recorder Watch and record your favorite TV shows, transfer home videos, even make your own DVDs.	 DVD-ROM Watch movies and load programs and data	 i.LINK^{®2} Connection Easily connect digital camcorders and other peripherals
 GeForce4™ MX 440 (64MB) High performance video solution ideal for performance buyers	 DVD +- RW Versatile DVD reading, writing and authoring	
 7200 RPM HDD Faster access time then 5400 RPM drives	 Memory Stick® Media Slot Convenient access to your Memory Stick media	

HARDWARE FEATURES BY MODEL

Sony VAIO® PCs use genuine Windows® Operating Systems
<http://www.microsoft.com/piracy/howtotell>

	RZ26G	RZ24G	RZ22G	W20	RS100
USB 2.0	•	•	•	•	•
S/PDIF	•	•	•	•	•
PC Card Slot	•	•	•	•	•
Analog Audio/Video Inputs	•	•	•	•	•
Giga Pocket™ Personal Video Recorder	•	•	•	•	•
GeForce4™ MX 440 (64MB)	•	•	•	•	•
7200 RPM HDD	•	•	•	•	•
DVD+-/-RW	•	•	•	•	•
CD-RW	•	•	•	•	•
DVD-RW	•	•	•	•	•
DVD ROM	•	•	•	•	•
Memory Stick® Media Slot	•	•	•	•	•
DDR	•	•	•	•	•
Network/Modem	•	•	•	•	•
i.LINK ^{®2} Connection	•	•	•	•	•

1. MHz and GHz denote microprocessor internal clock speed; other factors may affect a processor's performance.

2. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connector. All products with an i.LINK connector may not communicate with each other.

3. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.

4. Requires ISP service and cable or DSL modem. Not provided.

5. Naming of Pentium processor 4 2A GHz, based on new 0.13 micron with increased secondary cache of 512KB.

6. Naming of Pentium processor 4 2.408 GHz, based on 533 MHz FSB.

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