

30 May 85

1 Jul 85

331/001/85

INSTRUCTIONS - ORIGINAL AND 8 COPIES

4A. Authorized Approving Official or Designee (DIAM 44-2)
JACK VORONA
 Signature
JACK VORONA 30 MAY 85
 Type Name Date

5A. Funds are certified available and have been committed
 Accounting classification 5B. Amount
 9750100.44 6F0301 1534 503744 \$2406.20

4B. Name, Ext, and Signature of Designated Supply Coordinator (DIAM 25-1)
Brian Buzby
 Signature
BRIAN BUZBY 30 May 85
 Type Name Date

5C. Name and signature of Certifying Official
 Signature
 Type Name Date

6. Element POC/COTR Telephone No. Office Symbol

7A. Ship To: DIAC, Bldg 6000, ~~Washington~~, BALLING AFB, DC
 7B. Mark for: DT/LTC Buzby

8A. Stock/Item No.	Description of Supplies or Services	Quantity	Unit	Estimated	
				Price	Amount
WV1460	Panasonic low light level video camera	1	@	\$560	\$560
	24mm auto-iris lens	1	@	\$165	\$165
CM-14	Pelco camera mounts	2	@	\$ 25	\$ 50
PVM-122	Sony 14" B/W video monitor W/audio	1	@	\$365	\$365
WJ-810	Panasonic Time/Date Generator	1	@	\$385	\$385
AG-2200	Panasonic VHS video recorder	1	@	\$680.20	\$680.20
	Video connecting cable, 50 ft	2	@	\$ 22	\$ 44
	Video connecting cable, 10 Ft	1	@	\$ 13	\$ 13
	Blank VHS T-120 tapes	24	@	\$ 6	\$144

ACCOUNTABLE PROPERTY

9. Recurring requirement Source: RTS-6B
 GSA Schedule Number (if known) P. 58, Pt 3, Sect. B
 Acquisition Plan No. 8B. Total \$2406.20

10. Action Office if External to DIA: _____ Other: _____
 Interservice Support Agreement No: _____ External POC: _____

11. Justification/Remarks
 Closed circuit video monitoring/recording system listed above is needed to satisfy training and operational requirements of a classified DIA Special Access Project. Justification maintained under separate cover. Approval by DT and RTS 6-B.
 SG1J

12A. Requisition Number/Other 8958/85
 Date 31 MAY 85
 Contracting and Acquisition Office
 Other: _____

13A. Coordinations CRRB SADPO
RTS-6B 5/31/85
RTS-6

13B. Approvals Not required (DIAR 44-4)
 CRRB _____
 SADPO _____
 13C. Budget Reporting Code R400
 Yes No

12D. Received By: (Signature) _____
 Date _____

14A. Action Assigned To: _____
 Contract Specialist: _____
 Telephone No: _____
 14B. Date _____

SGFOIA2

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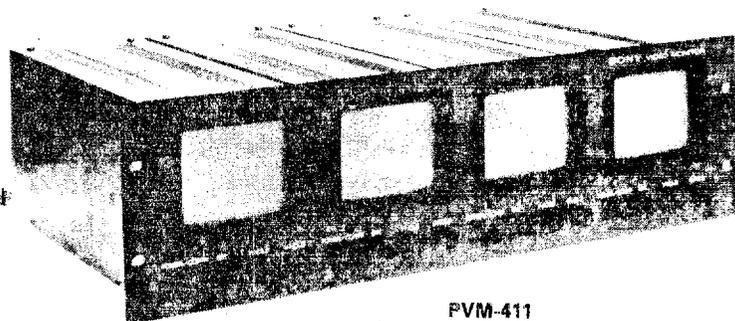
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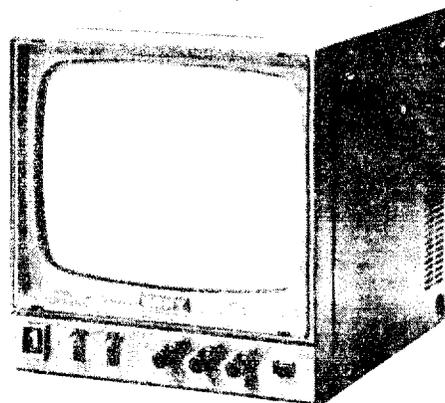
Sony Video Communications

Approved For Release 2000/08/08 : CIA-RDP96-00789R002100140002-2

MONOCHROME VIDEO MONITORS



PVM-411



PVM-91

PVM-411 Quadruple 4" Monochrome Monitor

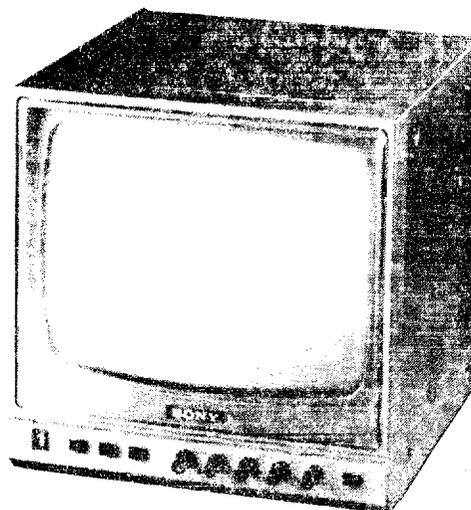
Four independently controlled 4" screen (measured diagonally) monochrome monitors in a single rackmount unit. Fits EIA standard 19" rack. Individual unit shielding minimizes magnetic crosstalk distortion. Spot-killer circuitry prevents phosphor burns when bright images remain on-screen for extended periods. Loop-through capability enhances use in multiple location production and surveillance applications. Individual front-mounted contrast, brightness, V-hold and H-hold controls. Weight: 35 lbs. 4 oz. Dimensions: 5-1/4"H x 19"W x 12-1/2"D.

PVM-411 Quadruple 4" Monochrome Monitor \$1275.00

PVM-122 12" High Resolution Monochrome Video Monitor

- 1000 lines of horizontal resolution at center
- Selectable scanning systems: Normal/Underscan
- DC clamp switch provides a stable reference for black level
- External sync input
- Selectable A/B line inputs with front switch
- Loop-through BNC connectors for Line, A/B and Sync
- Built-in speaker for audio monitoring
- Tally lamp
- Weight: 21 lbs. 11 oz.
- Dimensions: 12-3/16"H x 12"W x 12-3/16"D

\$450.00



PVM-122

PVM-91

9" High Resolution Monochrome Video Monitor

A high resolution black and white monitor whose picture precision makes it an ideal unit for use as a computer display, a calibration device for color video cameras, CCTV applications and a studio control room monitor.

- 800 lines of horizontal resolution at center
- Selectable scanning systems: Normal/Underscan

- DC clamp switch provides a stable reference for the black level
- Accepts an external sync
- Loop-through BNC connectors for video and sync
- Can be installed/rackmounted as a dual video with the MB-500 optional mounting bracket monitor
- Can be installed with a waveform monitor or a vectorscope by using an MB-501 optional mounting bracket
- Weight: 12 lbs., 12 oz.
- Dimensions: 8-3/4"H x 9"W x 10"D

\$345.00

Prices and Specifications Subject to Change Without Notice.

Sales Servicing Rental

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CPYRGHT

P A N A S O N I

AUDIO/VIDEO SYSTEMS GRC

BLACK

1/2" PICK-UP TUBE	Camera				2/3" PICK-UP TUBE	FEATU.
	WV-140	WV-1410 ⁶	WV-1460	WV-1500		

PRODUCT OVERVIEW	WEIGHT (lbs.)	1.2	3.7	3.5	3.7	3.5	PRODUCT OVERVIEW	
	H (inches)	1 7/8	3 5/16	3 5/16	3 5/16	3 5/16		H (inches)
	W (inches)	3 9/16	3 9/16	3 9/16	3 9/16	3 9/16		W (inches)
	D (inches)	7 5/8	8 3/8	8 3/8	8 3/8	8 3/8		D (inches)
	LENS MOUNT	C	C	C	C	C		LENS MOUNT
	LENS INCLUDED				F1.6/16mm ¹³	C		LENS INCLUDED
	PICK-UP TECHNOLOGY	VIDICON	VIDICON	NEWVICON	VIDICON	NEWVICON		PICK-UP TECHNOLOGY
	SCANNING AREA (H x V)	6.5 x 4.5mm	8.8 x 6.6mm	8.8 x 6.6mm	8.8 x 6.6mm	8.8 x 6.6mm		SCANNING AREA
	AC POWER	BUILT-IN	BUILT-IN	BUILT-IN	BUILT-IN	BUILT-IN		AC POWER
	SEPARATE POWER SUPPLY	3	3	3	3	3		SEPARATE POWER SUPPLY
	SINGLE CABLE	—	—	—	—	—		SINGLE CABLE
	SYNCHRONIZATION ²	I (2:1)/R	I (2:1)/R ⁶	I (2:1)/R ⁶	I (2:1)/R ⁶	I (2:1)/R ⁶		SYNCHRONIZATION
	AMBIENT OPERATING TEMP.	+14° to +122°F	+14° to +122°F	+14° to +122°F	0° to +140°F	0° to +122°F		AMBIENT OPERATING TEMP.
SPECS	HORIZONTAL RESOLUTION ⁴	500	600	600	650	650	HORIZONTAL RESOLUTION	
	LIGHT COMP. RATIO	10,000:1	20,000:1	40-60,000:1 ¹⁰	40,000:1	40-60,000:1 ¹⁰	LIGHT COMP. RATIO	
	MIN. ILLUMINATION (fc)	1	0.5	0.05	0.3	0.03	MIN. ILLUMINATION	
	POWER CONSUMPTION	3.1W	9W	10W	9W	10W	POWER CONSUMPTION	
	S/N RATIO ⁵ (dB)	43	43	43	44"	44"	S/N RATIO (dB)	
TERMINALS	GEN-LOCK INPUT				YES	YES	GEN-LOCK INPUT	
	HORIZONTAL DRIVE				YES	YES	HORIZONTAL DRIVE	
	VERTICAL DRIVE				YES	YES	VERTICAL DRIVE	
	VIDEO OUT	YES	YES	YES	YES	YES	VIDEO OUT	
EXTERNAL CONTROLS	B/R GAIN						B/R GAIN	
	FOCUS CONTROL	YES	YES	YES	YES	YES	FOCUS CONTROL	
	PEDISTAL GAIN						PEDISTAL GAIN	
	POWER (at camera)	YES	YES	YES	YES	YES	POWER (at camera)	
OPTIONAL LENSES	6mm						6mm	
	8mm						8mm	
	8.5mm	MN-815	MN-815	WV-LA8A	MN-815	WV-LA8A	8.5mm	
	12mm ⁶	WV-LM12/2					12mm ⁶	
	12.5 mm						12.5 mm	
	16mm ⁷	WV-LM16	WV-LM16	WV-LA16A	WV-LM16	WV-LA16A	16mm ⁷	
	25mm			WV-LA25A		WV-LA25A	25mm	
	50mm	MN-518	MN-518	WV-LA50A	MN-518	WV-LA50A	50mm	
	9-50mm ZOOM						9-50mm ZOOM ¹¹	
	16-160mm ZOOM						16-160mm ZOOM ¹¹	
WIDE ANGLE ADAPTOR	VZ-ML10	VZ-ML10	VZ-ML10	VZ-ML10	VZ-ML10	WIDE ANGLE ADAPTOR		
RCU	B GAIN						B GAIN	
	POWER						POWER	
	R GAIN						R GAIN	
	WHITE BALANCE						WHITE BALANCE	
SUGGESTED RETAIL PRICE ¹	\$210	\$270	\$735	\$370	\$850	SUGGESTED RETAIL PRICE		

prices may change without notice

I = internal; E = external;
R = random interface

3 24 volt AC models available

power consumption: WV-140, WV-1410, WV-1460, WV-1500, WV-1550

4 at center

5 typical

7 wide angle adaptor optional

can be used with 16mm lens

8 RS-170 adjustable vertical, RS-170 adjustable on CPD type

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PELCO**MODEL CM-14
LIGHT DUTY
CAMERA MOUNT**

- * DECORATOR STYLING
- * BALL/SWIVEL ADJUSTABLE HEAD
- * SCREW DRIVER ADJUSTMENT
- * STURDY INJECTION MOLDED PLASTIC
- * LOW COST



Designed to tastefully blend with interior decors of offices, banks or similar installations, the **CM-14** has been structurally engineered for strength and rigidity.

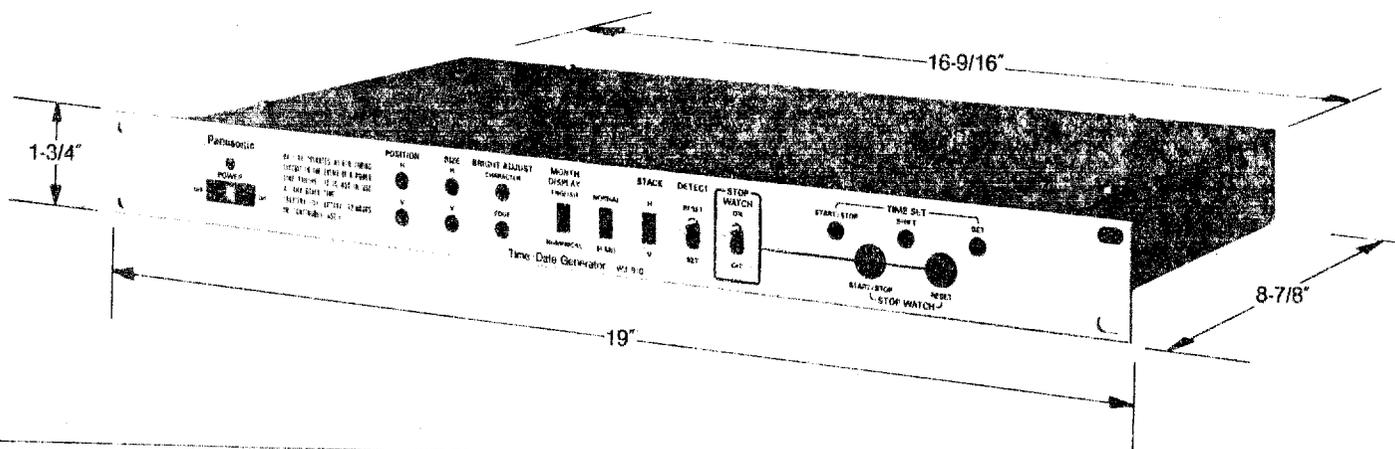
Manufactured of sturdy Rynite plastic and injection molded for low cost efficiency, the **CM-14** is capable of supporting camera/lens combinations up to 12 lbs. when securely mounted.

An easily adjustable ball swivel head allows for unlimited pan rotation and 90° tilt down angle. Adjustments are made with a screwdriver which facilitates a tamper resistant installation.



PELCO SALES, INC. / THE LEADER IN ACCESSORIES FOR THE TELEVISION INDUSTRY

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PANASONIC TIME/DATE GENERATOR MODEL WJ-810

The Panasonic WJ-810 time/date generator superimposes the time and date onto any composite video signal. In addition to the time and date signal, it also produces 99-hour stopwatch signals. This quality time/date generator is highly recommended for use with time lapse video tape recorders, and is ideal for various industrial, scientific and security applications.

The WJ-810 produces adjustable white to black characters, along with independently adjustable black to white edge outlines. Front-panel controls vary the character brightness, and adjust the character size, which may be varied anywhere from 23 up to 34 TV scan lines in height. These conveniently located switches also produce either a horizontal or vertical arrangement of the time and date, and when used with sequential switchers (models WJ-521/523/525/527/512), the WJ-810 will display from 1 up to 18 camera input numbers. The month display can be shown either in English

or numerically, and there is the option to display character type in either a normal or slant 7-segment configuration. Front-panel controls will position the display horizontally or vertically within 80% of the picture area.

The time/date generator is accurate to within 15 seconds in a month, due to an internal quartz-crystal. An internal battery (not included) functions as a backup power source for up to 12 hours, to prevent time error in the event of a short term power failure. A video signal will still appear during a power failure thanks to the pass through type video output feature of the WJ-810. If a battery is being utilized as the power source, there is a battery warning indicator which displays the symbol "BATT" on the monitor screen when the battery charge is too low, or dead.

The time and date can be reset by front-mounted controls, and an internal full automatic calendar circuit changes

the day, month and year automatically, and even makes allowances for leap years.

When used with the WJ-512 sequential switcher, which has an alarm function, the time/date generator aids the effectiveness of any security system by showing a display indicating the number of times the alarm sensor was activated. It also contains a stopwatch function with a 99-hour limit, and displays this time in hours, minutes, seconds and hundredths of a second. Handy front-mounted controls will start, stop and reset this stopwatch feature, which is worthy of applications involving medical, scientific or technical operations where accurate timing is essential. The WJ-810 time/date generator is compact, and takes up only 1-3/4" of standard rack space. It is part of the complete and versatile Panasonic line of closed circuit television equipment, including cameras, monitors and video tape recorders.

QUALITY ENGINEERING FEATURES

1. Superimposes time and date onto any composite video signal.
2. Stopwatch function with 99-hour limit displays time in hours, minutes, seconds and hundredths of a second, with front-mounted start, stop and reset controls.
3. Highly recommended for use with time lapse video tape recorders, such as the Panasonic NV-8030.
4. Variable independent adjustment of white to black character brightness and black to white edge brightness.
5. Adjustable control of character size anywhere from 23 up to 34 TV scan lines high.
6. Time and date can be displayed either in a horizontal or vertical stacked position.
7. Display position adjustable within 80% of the picture area.
8. Month display can be shown either in English or numerically.
9. Character type can be displayed in either a normal or slant 7-segment configuration.
10. When used with sequential switchers (models WJ-521/523/525/527/512), also displays up to a maximum of 18 camera input numbers.
11. Internal quartz-crystal time accuracy of 15 seconds in one month.
12. Internal batteries (not included) are designed to prevent time error due to short term power failure, for up to 12 hours.
13. Pass through type video output produces a video signal even in the event of a power failure.
14. When used with WJ-512 sequential switcher with alarm function, the WJ-810 displays number of times alarm was activated, and what camera was involved, on monitor screen.
15. Battery warning indicator ("BATT") displayed on monitor screen in case of low or dead battery.
16. Full automatic calendar with leap year allowance.
17. Front-panel controls reset time and date.
18. Rack mountable.

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Panasonic
Professional/Industrial Video **VHS**

AG-2200
VHS Video Cassette Recorder

VTR PLAY REC

◀◀▶▶ 0000

VTR PLAY

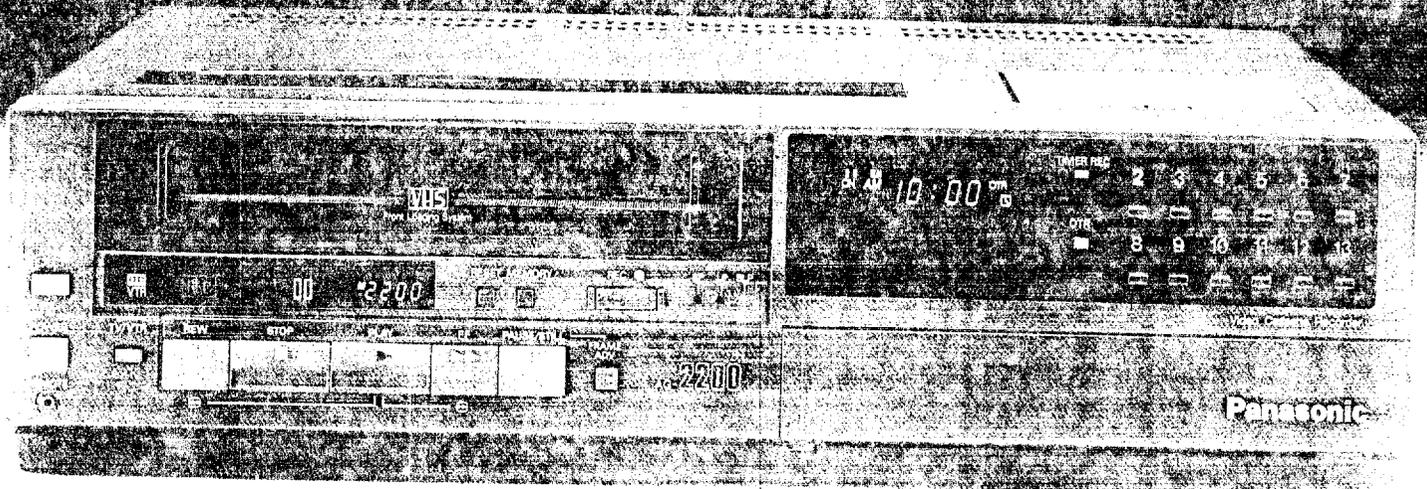
▶ 0000

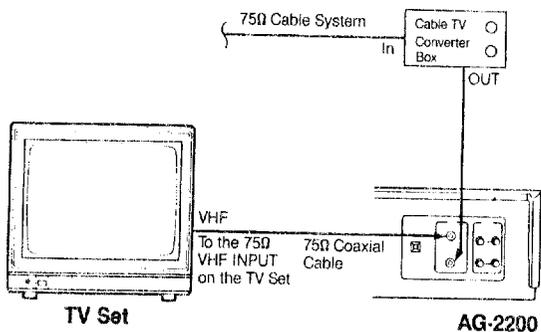
VTR REC

⏏ 0000

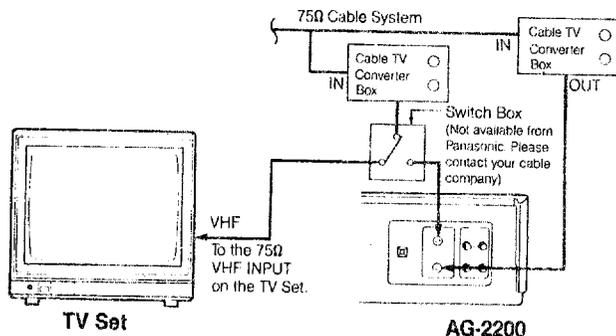
VTR

◀◀ 0000





The above cable hook-up allows VCR-TV functions except for viewing one channel while recording another channel.



The above cable hook-up allows VCR-TV functions, including viewing one channel while recording another channel, but it requires two cable TV converter boxes and one cable switch.

Specifications

Power Sources: 120V AC, 50/60Hz
Power Consumption: Approx. 27 watts
Television System: EIA Standard (525 lines, 60 fields)
 NTSC color signal

Video Recording System: 2 rotary heads, helical scanning system
 Luminance; FM azimuth recording
 Color signal; converted subcarrier phase shift recording

Audio Track: 1 track
Tape Format: Tape width 1/2 inch (12.7mm), high density tape
Tape Speed: SP; 1 9/16 i.p.s. (33.35mm/s), LP; 2 1/32 i.p.s. (16.67mm/s), SLP; 7/16 i.p.s. (11.12mm/s)

Record/Playback Time: 360 min. with NV-T120 used in SLP mode
FF/REW Time: Less than 5 min. with NV-T120

Input Level:
Video; TV Monitor connector (8-pin connector) 1.0Vp-p, 75Ω unbalanced
 VIDEO IN (BNC), 1.0Vp-p, 75Ω unbalanced
Audio; TV Monitor connector (8-pin connector) -20dB, 47kΩ unbalanced
 AUDIO IN (RCA), -10dB, 47kΩ unbalanced

TV Tuners; VHF input CH2 ~ CH13, cable channels "A-2, A-1, A ~ I, J ~ W"
 UHF input CH14 ~ CH83, 300Ω

Output Level:
Video; TV Monitor (8-pin connector), 1.0Vp-p, 75Ω
 VIDEO OUT (BNC), 1.0Vp-p, 75Ω
Audio; TV Monitor (8-pin connector), 0dB, 600Ω
 AUDIO OUT (RCA), -8dB, 600Ω unbalanced
 Channel 3 or 4, 66.5dBμ (open voltage), 75Ω unbalanced (M2)

Camera Remote:
Video Horizontal Resolution: Color: more than 240 lines (on monoscope test pattern)

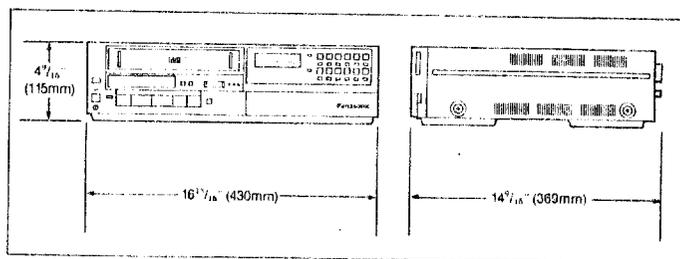
Audio Frequency Response: SP; 50Hz ~ 10kHz, LP; 50Hz ~ 8kHz, SLP; 50Hz ~ 6kHz

Signal-to-Noise Ratio (Rohde & Schwarz noise meter): Video: better than 45dB (Color, SP mode)
 Audio: better than 43dB (SP mode)

Operating Temperature: 41°F ~ 104°F (5°C ~ 40°C)
Operating Humidity: 35% ~ 80%
Weight: 18.7 lbs (8.5kg)
Dimensions (W x H x D): 16 15/16" x 4 9/16" x 14 9/16" (430 x 115 x 369mm)

Accessories Supplied: 1 pc. VHF matching box 75 Ω-300 Ω transformer (VSQ 0015-1)
 1 pc. Coaxial cable with one-touch type F connector (VJA 0147-1)
 1 pc. 300 Ω-75 Ω transformer (VFA 0010)
 1 pc. F connector (VSQ 0051-1)
 1 pc. Twin-Lead Cable (VJA 0102A)
 1 pc. Wired Remote Controller (VSQ 0265)
 1 pc. Channel Film (VGQ 0253 and 0693)
 1 pc. Dust Cover (VFB 0041)

Warning: One Federal Court has held that recording copyrighted TV programs is infringement. Such programs should not be recorded.



Panasonic
 AUDIO-VIDEO SYSTEMS DIVISION

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