

Panasonic

AJ-D250

DVCPRO Desktop Editing VCR
(525: NTSC)



DVCPRO PV

Assemble and Insert Editing Ability in A Compact Portable Package Offers a Wide Range of Applications

The DVCPRO PV Series is renowned its broadcast-quality performance. Now this affordable line of professional video equipment welcomes a new addition: the AJ-D250 Desktop Editor.

The AJ-D250 provides insert and assemble editing through its RS-232C interface. This easy-to-carry unit combines a half-rack size and light weight — it measures only 8⁷/₁₆"(W) × 5¹/₄"(H) × 15³/₈"(D) and weighs just 14.3 lbs. — with a host of outstanding features. The low-cost AJ-D250 is ideal for business use, schools, wedding videographers and other professional applications.

Simple Editing

Connecting the AJ-D250 to an AJ-A250 controller through the RS-232C interface lets you perform audio and video insert and assemble editing*. Preview function with AJ-A250 is also possible.

* With ±3-frame precision.

184-Minute Recording and Playback

The AJ-D250 provides up to 184 minutes of continuous recording and playback on an AJ-5P92LP extended-play tape cassette. This lets you record extended programming on a single tape — a big convenience in production and transmission. For use in the field, the AJ-D250 also records on DVCPRO M cassettes without the need for an adaptor.

Playback of DV-Format Recordings

The AJ-D250 makes DVCPRO recordings on durable metal-particle tape. Use of an optional AJ-CS750P cassette adaptor also allows the AJ-D250 to play back mini-DV cassettes.* The AJ-D250 can be

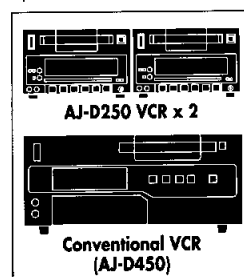
combined with a DV Camera/Recorder to form an easy-to-use system at a very affordable cost.

* The AJ-D250 cannot record on Mini-DV cassettes, even with an adaptor. The AJ-D250 cannot play back Mini-DV cassettes recorded in LP mode.

Compact and Carryable, with Low Power Consumption

Only 8⁷/₁₆" (W) × 5¹/₄" (H) × 15³/₈" (D), the compact AJ-D250 fits easily on a desktop, and you can mount two units side by side in a standard 19" rack. A handle makes the AJ-D250 easy to carry with one hand.

These size and weight advantages combine with low power consumption (56W) to make the AJ-D250 ideal as a backup recorder.



Outstanding Picture and Sound Quality

The AJ-D250's digital component recording system assures superior picture quality. It also offers sound quality that surpasses CDs, thanks to two 16-bit digital audio channels with 48-kHz sampling. There's also one analog cue track.

Built-in Time Code Generator/Reader

The AJ-D250 has a built-in SMPTE time code generator and reader. Time code is recorded onto the sub-code area of each track, enabling to-the-frame precision and time code detection during searches. Precise indexing control is possible using a PC.

Optional AJ-A250 Controller

The AJ-A250 controller connects to the AJ-D250's RS-232C interface board and provides simple, intuitive "mark-in" and "mark-out" remote control. It also adds extra convenience with insert and assemble editing and jog-shuttle searches, and allows connection to a wide variety of S-VHS VCRs such as the Panasonic AG-5710, AG-5700, and DVCPRO desktop VCR AJ-D230H.

Optional 9-pin AJ-YA230P Remote Interface

Installing this optional 9-pin remote interface board allows remote control of basic operations using a controller such as the Panasonic AJ-A95.

Analog Interface

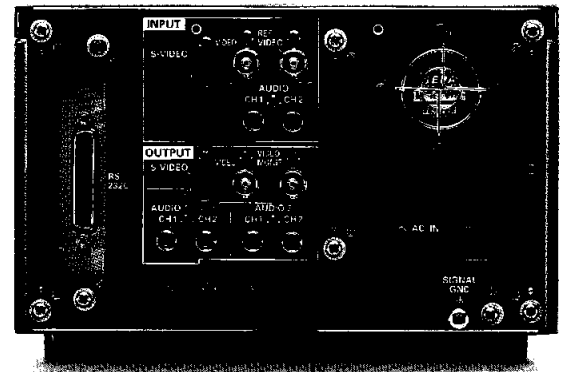
The analog interface comes equipped with composite video input and output and 2-channel audio input and output, for easy connection with existing analog equipment. Also equipped with S-VIDEO input and output, the AJ-D250 provides superior dubbing quality with S-VHS or MII VCRs.

On-Screen Setup Display

A number of initial settings can be changed with on-screen ease and convenience. The display indicates a host of functions and is easy to read thanks to a simple, straight-forward layout.

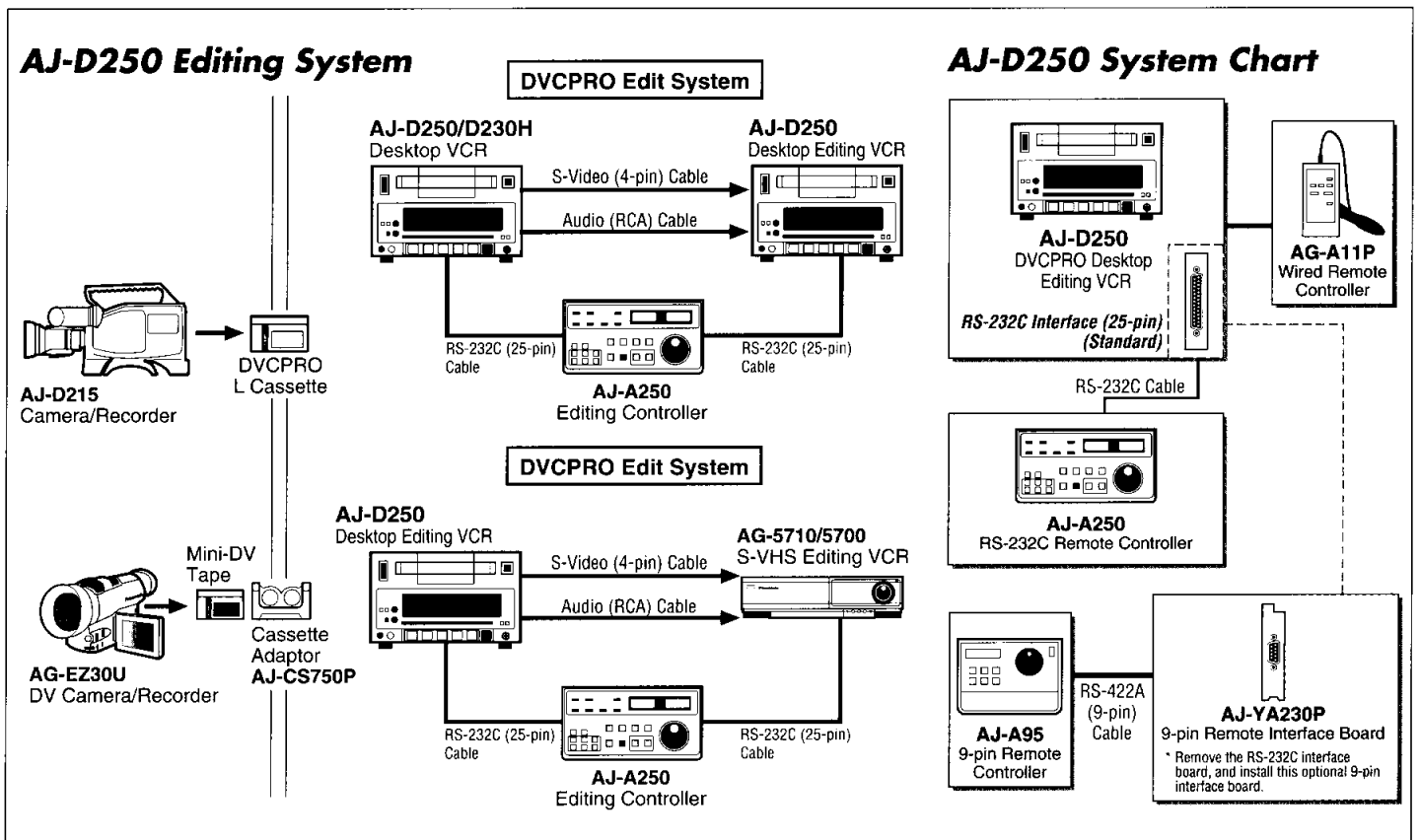
Additional Features

- Forward/Reverse Search at 10x normal speed (approx.)
- Input and output TBC
- Encoding on set-up menu
- Independent adjustment of audio input levels (CH1/CH2)
- 4-position audio output selector: CH1/CH2/CH3-4 (for DV cassette playback)
- Wired remote control (AG-A11P, optional)



Rear

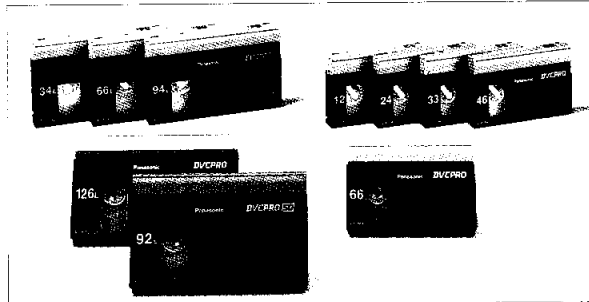
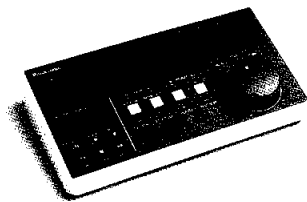
System Configuration



OPTIONAL ACCESSORIES

AJ-A250 Editing Controller

- 25-pin (RS-232C) serial remote for variable editing
- Compact size
- Simple and easy operation
- Insert/assemble editing capability
- The large Jog/Shuttle dial on the control panel allows easy playback speed control
- AC adaptor (supplied)

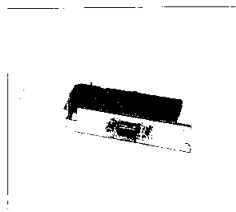


DVCPRO L-size Cassettes

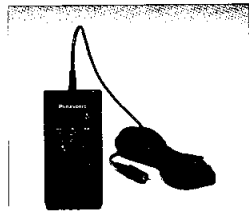
Model No.	R/P Time	Length
AJ-5P92LP	184 min.	377 m
AJ-P126LP	126 min.	259 m
AJ-P94LP	94 min.	194 m
AJ-P66LP	66 min.	137 m
AJ-P34LP	34 min.	72 m
AJ-CL12LP	Cleaning Tape	

DVCPRO M-size Cassettes

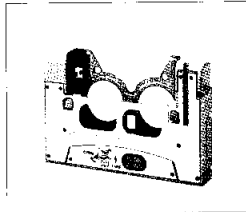
Model No.	R/P Time	Length
AJ-P66MP	66 min.	137 m
AJ-P46MP	46 min.	96 m
AJ-P33MP	33 min.	70 m
AJ-P24MP	24 min.	51 m
AJ-P12MP	12 min.	27 m
AJ-CL12MP	Cleaning Tape	



AJ-YA230P
9-pin Remote Control Board



AG-A11P
Wired Remote Controller Unit



AJ-CS750P
Mini-DV Cassette Adaptor

SPECIFICATIONS

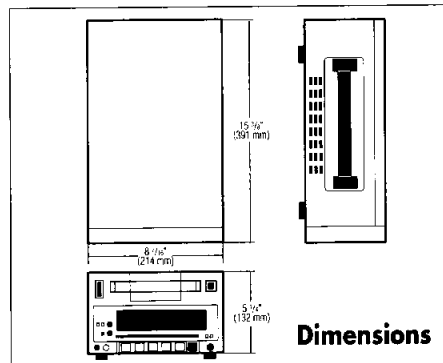
AJ-D250 Desktop Editing VCR

GENERAL	
Power Requirement:	AC120V ±10% 50/60Hz
Power Consumption:	56W
Format:	DVCPRO 1/4" Digital compressed recording
Recording Track:	Digital Video Digital Audio: 2CH TC: REC in Sub-Code area Cue: 1 Track CTL: 1 Track
Tape Speed:	33.820 mm/s
Tape:	1/4-inch Metal Particle Tape
Cassette Size:	AJ-5P92LP: 125 x 78 x 14.6 mm AJ-P66MP: 97.5 x 64.5 x 14.6 mm
Recording Time:	AJ-5P92LP: 184 minutes AJ-P66MP: 66 minutes
FF/REW Time:	Within 5 min. using AJ-5P92LP
Operating Temperature:	5°C to 40°C (41°F to 104°F)
Operating Humidity:	Less than 80%
Weight:	14.3 lbs. (6.5 kg)
Dimensions (W x H x D):	8 7/16" x 5 1/4" x 15 3/8" (214 x 132 x 391 mm)
Video	
Sampling Frequency:	Y: 13.5 MHz, C (Pa/Pr): 3.375 MHz
Quantization:	8 bits/sample
Error Correction:	Reed-Solomon Code
Bandwidth:	Y: 30 to 4.5 MHz (0 ±1dB)
Y/C Delay:	Less than 20 ns
K Factor:	Less than 2%

Audio	
Sampling Frequency:	48kHz
Quantization:	16 bits/sample
(Digital Audio)	
Frequency Response:	20Hz to 20kHz (+1.0, -2.0dB)
Crosstalk:	Less than -80dB (at 1kHz, between 2 channels)
Dynamic Range:	More than 85dB (at 1kHz, "A" WTD)
Wow & Flutter:	Below measurable limit
Signal Inputs	
Video In:	BNC x 1, 1.0Vp-p, 75Ω
S-VIDEO In:	4-pin x 1 Y: 1.0Vp-p, C: 0.286Vp-p (Burst)
Ref Video In:	BNC x 1, 1.0Vp-p, 75Ω
Audio In (CH1/CH2):	RCA x 2, -8dBv 47kΩ
Signal Outputs	
Video Out (Composite):	BNC x 1, 1.0Vp-p, 75Ω
S-VIDEO Out:	4-pin x 1 Y: 1.0Vp-p, C: 0.286Vp-p (Burst)
Monitor Out:	BNC x 1, 1.0Vp-p, 75Ω
Audio Out (CH1/CH2):	RCA x 4, -8dBv 1kΩ (Switchable to CH3, CH4 output, with DV tape playback)
Headphones:	M3 stereo, variable level (MAX. more than -32dBv, 8Ω)
Others	
RS-232C:	RS-232C interface (25-pin)
Wired Remote:	for AG-A11P optional wired remote controller
9-pin Remote:	I/F Board (option)
Standard Accessory:	AC power code x 1

AJ-A250 Editing Controller

Power Consumption:	0.81W
AC Adaptor:	AC 120V ±10%, 50/60Hz Output: DC 6V, 350mA
Operating Temperature:	5°C to 40°C (41°F to 104°F)
Operating Humidity:	35% ~ 80%
Weight:	2.4 lbs. (1.1 kg)
Dimensions (W x H x D):	9 13/16" x 1 3/4" x 5 1/4" (250 x 45 x 133 mm)
Standard Cable Length:	Approx. 3 m
Connector Type:	25-pin
Standard Accessory:	AC Adaptor



* The specifications given above were measured by playing back tapes recorded by this unit on standard DVCPRO VCRs.

Weight and dimensions shown are approximate. Specifications subject to change without notice. These products may be subject to export regulations.

Panasonic

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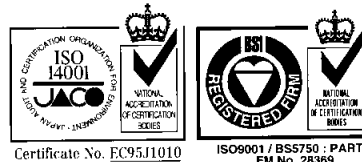
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Certificate No. EC95J1010

ISO9001 / BS7550 - PART 1
FM No. 28369