Panasonic

DVCPRO PV Series Line-up Catalog



(NTSC: 525)

The DVCPRO PV Series Brings the Incredible Potential of Digital Video to Even More Professionals



Panasonic's DVCPRO equipment has earned wide acclaim, as evidenced by its Emmy Awards, and its superior picture and sound quality, reliability and cost-performance have made it the choice of broadcasters all around the world. Now a new line of equipment, the DVCPRO PV series, brings DVCPRO's many advantages to video professionals in a variety of fields.

Originally developed to meet broadcasting needs,
DVCPRO combines superior digital performance with low
maintenance costs. The extended recording time and
compact, lightweight design of DVCPRO camera/recorders
make them ideal not only for news gathering, but for events
various applications such as wedding, school use, business
presentation, and other professional use.

DVCPRO is flexible, too, letting you configure systems that meet your specific needs while providing digital editing and broadcast-level picture and sound quality.

The new series gives you DVCPRO's acclaimed performance at a price every professional will appreciate.





AJ-D440

AJ-D450

Why Professionals Prefer DVCPRO?

1 The World-Standard Digital Format

DVCPRO's superb picture and sound quality is recognized the world over. The DVCPRO family extends from a wide line of broadcasting equipment, to the new series that brings broadcast-level quality to professionals in any field. Upward compatibility adds to the convenience of this versatile, future-proof format.

2 Small Mechanism and Low Maintenance Costs

DVCPRO's small mechanism has gained the recognition of the world's broadcasters as a highly reliable mechanism. Its maintenance costs are minimal and its high durability is well-known. With DVCPRO, the costs for equipment and maintenance are greatly reduced.

3 Reliable Compact Cassettes with Extended Recording Time

DVCPRO's metal particle tapes are small in size yet offer extended recording time and long storage life. Both tape costs and storage space requirements are reduced. The metal particle tapes, which have proven themselves in broadcast use, combine high rigidity and excellent resistance to oxidation, to provide outstanding reliability even after repeated use or long-term storage.









AJ-D250
DVCPRO Desktop Editing VCR

AJ-D230H
DVCPRO Desktop VCR





1/2" FIT 3CCD DVCPRO Camera/Recorder

2/3" IT 3CCD DVCPRO Camera/Recorder

AJ-D610WA

2/3" IT 3CCD DVCPRO Camera/Recorder



The new AJ-D610WA camera/recorder features a high-sensitivity 2/3" IT 3-CCD that combines with DVCPRO's outstanding digital component system to assure superior recording quality. The AJ-D610WA adds the convenience of accepting conventional 2/3" lenses. DVCPRO's compact 1/4" cassette lets this unit small in size, light in weight. Also, AJ-D610WA boasts its low power consumption. Suitable for a wide variety of applications, the high-performance AJ-D610WA is for today's video professionals.

High-Sensitivity and Low Smear The IT-3CCD's 520,000 pixels

assure outstanding picture quality, with full 750 lines of horizontal resolution. This new CCD boasts F11 (2,000-lux) sensitivity and, as dim as 0.5 lux. The smear level is extremely low for nighttime news gathering, where the contrasting problems of dim and bright lighting often pose difficulties.

16:9/4:3 Aspect Ratio Switchable

The AJ-D610WA's CCDs feature a light-receiving section that adapts to the wide 16:9 aspect ratio. The aspect ratio can be instantly switched between the conventional 4:3 and wide 16:9 modes.

Digital Creativity

The AJ-D610WA's digital circuitry has made possible a host of creative image-processing functions. Because corrections can be controlled numerically, you can create the exact pictures you want — another feature only digital processing offers.

"SUPER GAIN" Enables 0.5-Lux **Shooting Illumination**

The super gain button boosts gain by a full +30 or +36dB, for highquality shooting even in dim lighting. This makes it possible to record subjects in lighting all the way down to 0.5 lux.

"SUPER IRIS" for One-Button **Backlight**

Pressing the Super Iris button adjusts the iris to provide correct exposure when a subject is backlit, such as when the subject moves from outside daytime light into a dark room.

Programmable Gain Selector

The programmable 3-position gain switch lets the operator select a low, medium or high gain. A total of 14 settings are available (-3, 0, +3, +6, +9, +12, +15, +18, +21, +24, +30 and +36dB), giving the operator outstanding control.

Additional Features

 Variable choice of optional viewfinder; standard 4:3 aspect ratio AJ-VF10P, high grade 4:3 aspect ratio AJ-VF15P, or high grade 16:9/4:3 switchable AJ-VF20WP



- One-touch camera status report
- One-touch rec review function
- Store set up file on PCMCIA SRAM CARD (SHL-064HSRVS)
- Built-in Gen-lock function
- Phantom power supply (48-VDC or 12V Phantom mic) • Built-in monitor speaker
- One ND/CC filter wheel
- Picture Link function
- Compatible with the Anton/Bauer Trimpac Battery



- Anton/Bauer Gold Mount Plate
- Microphone

AJ-D400

1/2" FIT 3CCD DVCPRO Camera/Recorder



The AJ-D400 camera/recorder combines DVCPRO quality and convenience with outstanding cost-performance. Its low-smear, low-noise 1/2" FIT-3CCD further enhances the many functions that make Panasonic camera/recorders the choice of broadcast stations all over the world.

The AJ-D400 lets you make detailed camera settings to create the level of imagery needed in professional use. The VCR section features DVCPRO's digital component recording system to assure superior picture quality.

Ultra-Sensitive 1/2" 410,000-Pixel FIT 3CCD

The AJ-D400's 1/2" FIT CCD with on-chip lens boasts low smear, low flare and a high S/N ratio. This unit delivers picture quality that's well above most camera/recorders.

Digital Signal Processing Camera Digital circuitry assures outstanding pictures and years of reliable use,

regardless of temperature change and vibration. It also means simple operation, minimal maintenance,

DVCPRO: Reliable, High-Quality Recording

and easy camera set-up in the field.

The AJ-D400's digital component recording system delivers superb images across a 5.75-MHz (Y) video bandwidth, and a video S/N ratio of 55 dB. Its error correction helps resist dropout, for greater quality and reliability.

The audio is excellent, too, thanks to the 2-channel PCM digital system with 48-kHz sampling and 16-bit recording.

Highly Detailed Camera Settings

The settings for the many digital image-processing functions are displayed by menu in the viewfinder for easy use.

- 2-D Low Pass Filter eliminates cross color.
- · Dark Detail corrects details in dark areas.

 Chroma Detail improves resolution of bright colors.

- Matrix corrects 6 types of color
- Super Color lets you emphasize 'highlight'
- colors. Black Stretch gives black areas greater emphasis.
- Other functions such as gamma correction and auto knee, give the professional even more image-creating

Accepts Wide Variety of 1/2" Lenses

The bayonet mount accommodates the many 1/2" lenses available today, and the easy-to-use AJ-D400 automatically adjusts the settings to match the lens.

Additional Features

- · Light weight, low power consumption
- 66-minute recording with compact cassette
- 2-lux shooting illumination
- Programmable one-button super iris and super gain
- Synchro scan electronic shutter
- Shockless AWB control
- Backup VCR connector (26-pin) (Option)
- Standard SMPTE color bar output · Built-in Gen-lock function
- Built-in SMPTE time code
- generator/reader
- Built-in monitor speaker
- Phantom power supply (48-VDC Phantom mic)
- Optional RET video input and time code input/output (AJ-YA710P)
- · Compatible with the Anton/Bauer Trimpac Battery





Standard Accessories

- 1.5" Electronic Viewfinder Microphone
- Tripod Adaptor
- Anton/Bauer Gold Mount Plate (Installed)



Standard Accessories

- Shoulder strap
- (Installed)
- Tripod Adaptor

AJ-D215 1/3" IT 3CCD DVCPRO Camera/Recorder



The AJ-D215 uses the DVCPRO format, widely acclaimed for superior pictures, sound and reliability. This high cost-performance unit records up to 184 minutes on a single tape, making it ideal for shooting long events.

The AJ-D215 is equipped for convenience, too. A built-in ND filter that's controlled by a simple slide switch lets you continue shooting as you move indoors or out, and the optional DVCPRO Terminal interface (IEEE 1394) lets you connect to a DVCPRO VCR to back up your footage.

Up to 184 Minutes of Recording

The AJ-D215 records for up to 184 minutes on a single DVCPRO large cassette (AJ-5P92LP).* This lets you shoot even long events without switching tapes, while enjoying a high level of reliability because DVCPRO's metal particle tape is renowned in the broadcasting industry for durability and stability.

* For AJ-5P92LP cassette tapes, use a VCR supporting

DVCPRO (25Mbps) 184 minutes tapes.

High-Density 1/3" IT 3-CCD

This 3-CCD unit, which assures superior resolution, high S/N ratio, high sensitivity and a wide dynamic range, helps deliver sharp images and true-to-life color.

2-Lux* Shooting Illumination

A CCD with on-chip lens and +18 dB gain-up lets you take quality shots in lighting as low as 2-lux*.

*with T17×5BRM4 Lens

Built-in ND Filter

Turned on and off by a simple slide switch, this 1/16 ND filter assures stable pictures even in bright sunlight.

Auto White Balance — Preset/ Memory/ATW

The AJ-D215 is preset with white balance settings for use indoors, outdoors, and under fluorescent lights. You can store additional settings in memory, and ATW is available.

Accepts 1/3" Lens

The AJ-D215 accepts most 1/3" bayonet lenses, and an optional adaptor allows use of many 1/2" lenses.

High-Resolution 1.5" EVF

The AJ-D215 has a large, 600-line B/W viewfinder. The unit is easy to adjust and accommodates operators who wear prescription eyeglasses.

DVCPRO Terminal (IEEE 1394) Interface Board (option)

The optional IEEE 1394 based DVCPRO terminal (AJ-YAD210) lets you connect to a back-up DVCPRO VCR for digital dubbing with superior picture and sound quality.

Additional Features

- Playback with no adaptor necessary
- One-touch camera status report
- Electronic shutter (1/100, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000-sec.)
- Easy setup, easy maintenance, digital signal processing
- Manual audio level
- Built-in SMPTE time-code generator/reader
- Compatible with the Anton/Bauer ProFormer Battery







Standard Accessories

- 1.5" Electronic Viewfinder
- Anton/Bauer Gold Mount Plate (Installed)

AJ-D450 DVCPRO Studio VCR AJ-D440 DVCPRO Studio Player



Designed for professional use, the AJ-D450 editing VCR and AJ-D440 player offer impressive performance and low initial and running costs. The DVCPRO format assures accurate, high-quality editing and unmatched reliability. Both models offer a 9-pin remote terminal and analog interface for easy system configuration, and both can be adapted for SDI data transfer. Use of an extended-length DVCPRO tape allows up to 184 minutes of continuous operation, and DV tape playback ensures that existing tape libraries can be fully utilized.

Extra-Long, 184-Minute Recording/Playback

Both models can use the AJ-5P92LP extended-play tape to provide up to 184 minutes of continuous recording (AJ-D450) and playback (AJ-D450/AJ-D440). This allows the AJ-D450 to record extended programming onto a single tape cassette, for added convenience in production and transmission. For field recording, 66-minute M cassettes can also be used without the need for an adaptor.

DVCPRO Reliability

DVCPRO was developed primarily to provide the reliability needed in broadcasting. Its metal particle tape has been proven in professional use, and its original track pattern — with an 18-micron track pitch (twice that of DV formats) plus CTL and analog CUE tracks — assures top editing accuracy.

Outstanding Picture and Sound Quality

The AJ-D450/AJ-D440's digital component system delivers excellent pictures, with a video Y bandwidth of 5.5 MHz and video

S/N ratio of 55 dB. The sound is superb, too, thanks to two 16-bit digital audio channels with 48-kHz sampling. There's also one analog cue track.
Use of the optional digital interface
maintains high picture and sound
quality even after editing and
dubbing

Playback of DV-Format Recordings

The AJ-D450/AJ-D440 can play back tapes recorded in DV, the consumer video format, using the optional AJ-CS750P cassette adaptor.* This allows use of footage recorded on-scene by eyewitnesses using DV equipment.

- * The AJ-D450/AJ-D440 cannot record on DV cassettes even with the AJ-CS750P cassette adaptor
- * The AJ-D450/AJ-D440 cannot play back DV cassette tapes recorded in LP mode, or long-time Mini-DV cassette tapes (SP mode 80 minutes/LP mode 120 minutes), even with the AJ-CS750P cassette adaptor.

Additional Features

- SMPTE/EBU time code recording/playback (VITC/LTC)
- Digital linear editing with ±0 frame precision
- 60 × shuttle search and jog functions
- Optional encoder remote controller (AU-ER65B)
- Condition monitor tracks tape error rate during playback
- RS-232C terminal enables computer control
- Easy on-screen set-up
- Compact 4U size





Rear View of AJ-D440 with optional AJ-YA655P and AJ-YA750P



Rear View of AJ-D450 with optional AJ-YA655P and AJ-YA750P

AJ-D250 DVCPRO Desktop Editing VCR



DVCPRO PV Series now welcomes a new addition: the AJ-D250 Desktop Fditor.

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 8-7/16"(W) × 5-1/4"(H) × 15-3/8"(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 Al-D250 provides up to 184 minutes of continuous recording and playback on an Al-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 Al-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.

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.

Rear View with AJ-YAD250P

DVCPRO Interface (Optional)

The optional AJ-YAD250P board provides a DVCPRO interface for the AJ-D250, letting you digitally transfer video and audio signals that conform to IEEE1394 while maintaining the high precision and reliability needed in professional applications. For example, use the board to digitally dub between AJ-D250 and AJ-D250/D230H or back-up between the AJ-D250 and an AJ-D215. The AJ-YAD250 is also equipped with a 9-pin RS-232C interface terminal.

Optional 9-pin AJ-YA230HP Remote Interface and 9-pin Remote & TC IN/OUT AJ-YA250P Interface

Both AJ-YA230HP and AJ-YA250P interface board allow remote control of basic operations using a controller such as the Panasonic AJ-A95. This AJ-YA250P is equipped with TC IN/OUT interface with BNC × 2.

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.

Additional Features

- Optional 9-pin AJ-YA230HP Remote Interface
- Optional 9-pin Remote & TC IN/OUT AJ-YA250P Interface
- Analog Interface
- On-Screen Setup Display
- Forward/Reverse Search at 10 x 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)



AJ-D230H DVCPRO Desktop VCR AJ-D220 DVCPRO Office Viewer



The AJ-D230H is an affordably priced DVCPRO VCR that allows convenient desktop use. A built-in RS-232C interface, which comes as standard equipment, allows remote control from a personal computer for non-linear editing or multimedia production. The AJ-D230H is extremely compact — 8-3/8"(W) × 5-3/16"(H) × 15-3/8"(D) — and weighs only 15.4 lbs. Equipped with a carrying handle, this versatile digital VCR is ideal as backup equipment when shooting with a camera or for dubbing of viewing.

The AJ-D230H is ideal for dubbing and back-up recording. Connecting to a PC via an RS-232C terminal, it serves as a highly versatile multimedia VCR. The AJ-D220 player is a multipurpose viewer that you can use almost anywhere, with an RF terminal that allows playback on ordinary TV sets.

Compact and Easy to Carry, With Low Power Consumption

Measuring only 8-3/8"(W) × 5-3/16" (H) × 15-3/8"(D), the AJ-D230H and AJ-D220 fit easily on a desktop. Two of these units can be placed side by side in a standard 19" rack. Each is also light in weight — just 15.4 lbs. — and is equipped with a handle for easy carrying in one hand. Both feature low power consumption — 45W for AJ-D230H, only 37W for the AJ-D220.



Up to 184 Minutes of Recording/Playback

The AJ-D230H and AJ-D220 for both program production and broadcasting. They offer up to 184 minutes of recording or playback on a DVCPRO large cassette (AJ-5P92LP), and up to 66 minutes on a medium cassette (AJ-P66MP).

Playback of DV Format Recordings

The AJ-D230H and AJ-D220 can playback tapes recorded in DV, the consumer video format, using the optional AJ-CS750P cassette adaptor*. This allows easy use for news events recorded on DV-format equipment by eyewitnesses or others at the scene.

- * The AJ-D230H cannot record on DV cassettes even with the AJ-CS750P cassette adaptor.
- * The AJ-D230H and AJ-D220 cannot play back DV cassette tapes recorded in LP mode, or long-time Mini-DV cassette tapes (SP mode 80 minutes/LP mode 120 minutes), even with the AJ-CS750P cassette adaptor.

A Variety of Interface Gives the AJ-D230H Extra Versatility

The AJ-D230H comes standard with an RS-232C (25-pin) interface for remote control from a personal computer. By replacing this with the AJ-YAD230P option board, you can input and output IEEE1394-standard digital video/audio signals and 9-pin (RS-232C) terminal. Analog input and output terminals for video, S-Video and 2-channel audio also come as standard equipment.

The AJ-D220 Office Viewer

In addition to BNC, pin (RCA) and S-VIDEO (Y/C) video output, the AJ-D220 features RF modulated output that allows it to connect to virtually any TV set. It also comes standard with wireless remote control.

Additional Features

- Auto functions and repeat playback for convenient use in demonstrations.
- SMPTE/EBU time code recording/playback
- Forward/reverse search at about 10 x normal speed
- 4-position audio output selector: CH1/CH2/CH3-4 (for Mini-DV cassette playback)
- Wired remote control (optional) AG-A11)
- RS-422Á 9-pin remote control interface (optional, AJ-YA230HP) (AJ-D230H only)







Rear View of AJ-D230H

AG-EZ30U 3-CCD DV Camera/Recorder



This compact camera features 3-CCD that's suitable for professional use. The combination of convenient size and superior picture quality makes the AG-EZ30U ideal for the video journalist.



- High Picture quality with a 1/4"
- Records 60 full minutes of highquality digital pictures and sound (2CH/4CH)
- Weighs only 1.52 lbs.; features a tough, durable inner mechanism
- Angle-adjustable 2.5" color LCD monitor and color viewfinder
- DV terminal (IEEE 1394) digital input/output
- 12 × Optical/120 × Super Digital Zoom with Digital Image Stabilizer



- 1/60 to 1/8000 sec. electronic shutter
- Manual focus and manual iris
- 5-Mode Program AE: Sports, Portrait, Spotlight, Surf & Snow and Low Light
- 5-Mode White Balance: Auto, Indoor (preset), Outdoor (preset), Set, Fluorescent
- Frame-by-frame recording of still images
- Scene search and blank search
- Wireless remote control
- Wide conversion lens supplied

Playback of Mini-DV Tapes on DVCPRO Equipment

Mini-DV cassettes can be played back in DVCPRO VCR using the optional AJ-CS750P adaptor*, allowing the use of Mini-DV tapes in broadcasts.

* DVCPRO VCR cannot record on Mini-DV tapes, even with the adaptor.

AG-DV2000 DV Cassette Recorder





The new AG-DV2000 DV-format VCR brings superior digital quality to more professionals. At the heart of the AG-DV2000 is a DVCPRO- based DV mechanism that assures high picture quality, quick response and outstanding reliability.

- Superb Pictures with DV Digital Recording Format
- 4-Channel PCM Sound Recording
- 3-Hour Recording Capability on a Single AY-DV123EB Cassette in LP Mode
- * Audio dubbing is not possible in LP mode.
- * Picture noise may appear during slow or frame advance playback, and the tape counter may not advance smoothly.
- * Picture noise may appear when tapes recorded in LP mode are played on some VCRs.
 - DV Tapes can be played back with DVCPRO VCR
 - * DV/Mini-DV tapes recorded in LP mode cannot be played in a DVCPRO VCR.

- Aluminium Diecast Chassis for High Reliability/Durability
- Reel Drive Technology
- Laser Adjustment Technology
- Handy Wireless and Wired Editing Controller
- Manual and Programmed Editing
- DV Terminal (i.LINK)
- 5-pin Editing Terminal
- Complete Analog Input/Output
- Super Linear Slow Playback
- Memory Backup
- Pre-roll Editing
- Rehearsal Function
- Sound Search
- Program correction
- On-Screen Display
- Timing Control Function
- Frame-by-Frame Timecode

3-D Digital Y/C Separation Hue and Color Level Adjustment

AG-A850 Editing Controller



- 512-event editing memory
- 5 RS-422 (9-pin) remote terminals allow for connection with VCRs
- When 4 players and 1 recorder are connected, the AG-A850 allows control of 2 players as source machines.
- When 2 players and 3 recorders are connected, all 3 recorders can be controlled producing three tapes at once.
- 2 Jog/Shuttle dials and 10-key pads increase editing efficiency
- GPI ports for connection and control of external AV source
- Monitor display (output)
- Simple mode setting
- A/B roll editing using two video tape players
- 4-channel audio editing
- High-precision editing (±0 frame with TC)
- Color frame editing
- Audio split editing
- · Slow-motion editing using VCRs with AT (auto-tracking) on Digital Slow
- Auto Tag function for easy Multi-Event editing

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 Cassette Tapes 1/4" Digital Video Cassette Tapes



• DVCPRO Video Cassettes Line-Up

Model No.	Recording/Playback 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-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-CL12LP	Cleaning Tape (12 min, 2	27 m)
AJ-CL12MP	Cleaning Tape (12 min, 2	



DVCPRO Cleaning Tape

OPTIONAL ACCESSORIES

-LENSES-



A19 × 8.7BERM4 2/3" × 19 Fujinon Lens with Extender



1/2" Bayonet Type Canon Lens



A19 × 8.7BRM4 2/3" × 19 Fujinon Lens



\$19 × 6.5BRM4 S17 × 6.6BRM4 1/2" Bayonet Type



YJ18×9B4IRS AJ-0610WA $2/3" \times 19$ Canon Lens with Extender



\$19 × 6.5BERM4 ▲ J-D400 1/2" Bayonet Type Fujinon Lens with 2 x Extender



YJ18×9B4KRS ALDGIOWA 2/3" × 19 Canon Lens



 $T17 \times 5BRM4$ $T14 \times 5.5BRM4$ T12 × 3.8BRM4 1/3" Bayonet Type Fujinon Lens



\$14 × 7.5BRM4 1/2" Bayonet Type Fujinon Lens



ACM-12B Lens Adaptor for 1/2" Fujinon Lens WCV-65 Wide Converter for T14 × 5.5BRM4 Fujinon Lens

AU-BP402-P

Battery Pack

AJ-D610WA

AJ-D610WA

BATTERIES -

Anton/Bauer



Hytron50 Battery Pack



ABC-800H AJ-D610WA AJ-D400 Anton/Bauer Battery Chargei



Digital Trimpac/

Trimpac Battery Pack

ABUL2S AJ-0610WA AJ-D400 Anton/Bauer Ultra Light



Proformer Battery Battery Pack

Panasonic

AG-B425P Battery Charger for AU-BP402 and AU-BP220

Battery Pack









SHAN-B220 Battery Holder



AJ-VF53P AJ-0610WA AJ-D400 WV-VF65B/ AJ-D400 WV-Q71

5" EVF with Bracket

AJ-MH700P

Microphone Kit

12



5" EVF Mounting Adaptor AJ-QVF900P





AG-MH800P Microphone Holder



AG-YA800P

AJ-YA711P

WV-VF65B

5" EVF Adaptor for

5" EVF Adaptor for WV-VF65B/WV-Q71

AJ-D400











AJ-YA700P

AG-A11P

Wired Remote

Control Unit

26-pin VCR Connector

AJ-YA900P AJ-D610WA AJ-D400

26-pin VCR Multi Connector



AJ-SC900* Soft Carrying Case

SHAN-C12TCA

AJ-YAD250P

AJ-YAD230P

DVCPRO Interface Board

DVCPRO Interface Board

OPTIONAL





Rain Cover

SHAN-RC700*

AI-MA75P

AJ-MA75P AJ-D440 AJ-D450

AJ-MA34HP AJ-D440 AJ-D450

Rack Mount Adaptor (Black)

Rack Mount Adaptor (Ivory)

AU-C5P/AU-C10P



Terminal

AJ-YAD210P

ACCESSORIES



AJ-YA710P IEEE1394 DVCPRO Return Video In and



AJ-YA655P AJ-D440 AJ-D450 AES/EBU Digital Interface Board (BNC)





AES/EBU Digital Interface Board (XLR)



AJ-YA750P AJ-D440 AJ-D450 5 m/10 m 9-pin Remote Cable Component Digital Serial Interface Board



9-pin Remote & TC IN/OUT



AJ-YA230HP 9-pin Remote Control Interface Board



AJ-CS750P AJ-D440 AJ-D250 Mini-DV Cassette Adaptor AG-DV2000 AJ-D220



DVCPRO Terminal Cable

Controller

AU-ER65B* AJ-D440 AJ-D450 Encoder Remote



























AQ-EC1 Extension Control Unit

AJ-MC700P

Microphone





WM-L30

Microphone













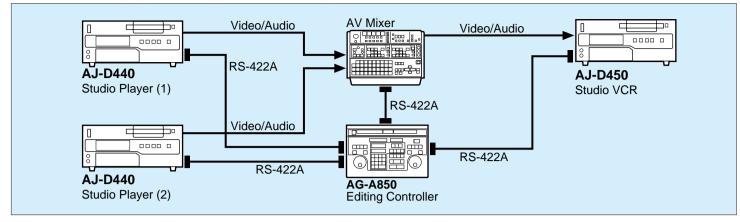


Cleaning Tape

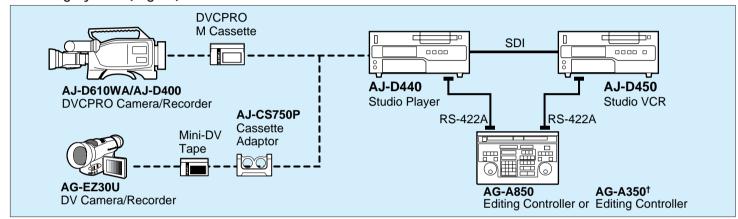


D V C P R O S Y S T E M C H A R T S

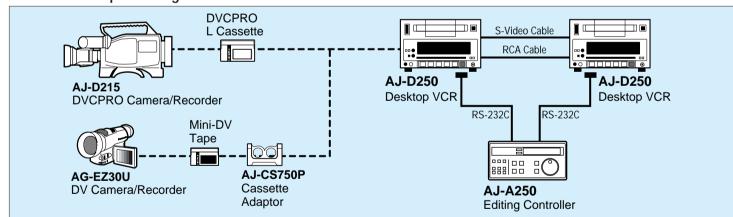
■ A/B Roll Editing System using AG-A850 Editing Controller



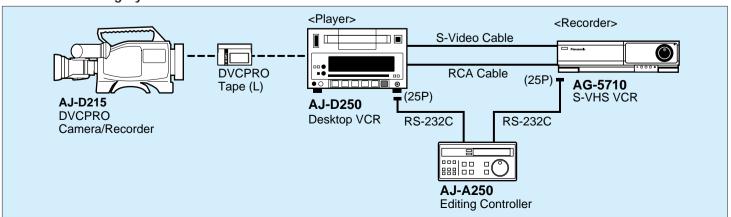
■ Editing System (Digital)



■ AJ-D250 Simple Editing

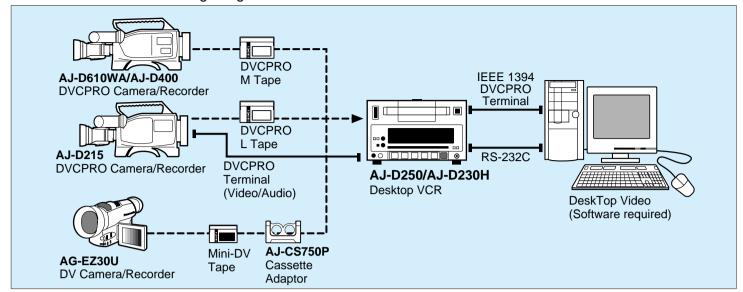


■ AJ-D250 Editing System from DVCPRO to S-VHS

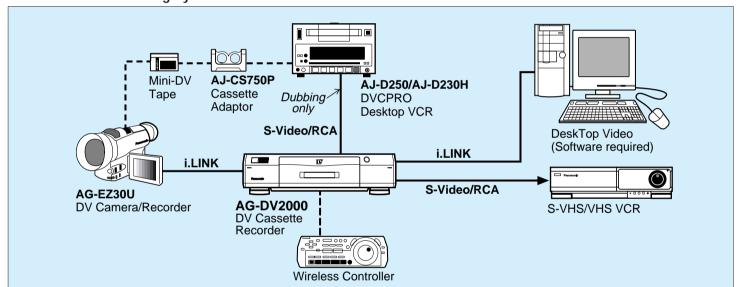


D V C P R O S Y S T E M C H A R T S

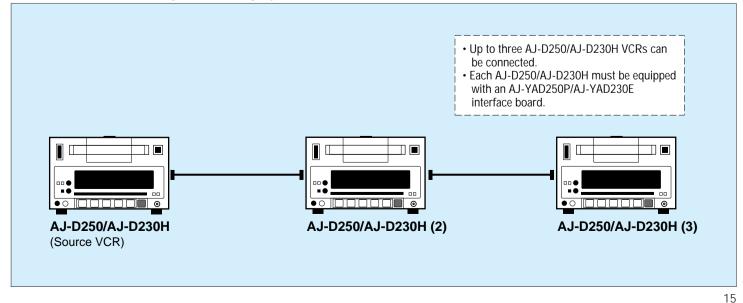
■ AJ-D250/AJ-D230H Loading Images to a PC



■ AG-DV2000 DV Editing System



■ AJ-D250/AJ-D230H Digital Dubbing System



		AJ-D610WA (tentative)	AJ-D400	AJ-D215
ENERAL	Power Requirement:	DC12V (11V to 17V)	DC12V (11V to 17V)	DC12V (10.5V to 17V)
	Battery:	Anton/Bauer, NP-1, BP-90, AU-BP402, AU-BP220	Anton/Bauer, NP-1, BP-90, AU-BP402, AU-BP220	Anton/Bauer, NP-1, BP-90, AU-BP402, AU-BP220
	DC In:	XLR 4-pin (Male)	XLR 4-pin (Male)	XLR 4-pin (Male)
	Power Consumption:	24W	23W	Less than 16W (including 1.5" viewfinder)
	Operating Temperature:	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
	Storage Temperature:	4°F to 140°F (–20°C to 60°C)	4°F to 140°F (–20°C to 60°C)	4°F to 140°F (–20°C to 60°C)
	Operating Humidity:	Less than 85%	Less than 85%	Less than 80%
	Weight:	About 9.03 lbs. (4.1 kg) About 14.55 lbs. (6.6 kg) in full-operation	12.87 lbs. (5.85 kg)* (*varies according to the equipment composition)	13.0 lbs. (5.9 kg)* (*varies according to the equipment composition)
		7150dt 14.55 lbs. (6.6 kg) ii Tuli operation	(Including lens, viewfinder, tape, and battery pack)	(Including lens, viewfinder, tape, and battery pack)
AMERA SECTION	Pick-up Device:	Interline Transfer 2/3" CCD Image Sensor (×3)	Frame Interline Transfer 1/2" CCD Image Sensor (×3)	Interline Transfer 1/3" CCD Image Sensor with On-Chip Lens (
Camera	Picture Element:	520,000-pixel	410,000-pixel	_
	Digital Quantization:	10 bits A/D	10 bits A/D	8 bits A/D
	Digital Signal Processing:	14.4 MHz/28.8 MHz	14.3 MHz/28.6 MHz	13.5 MHz/27 MHz
	Sensitivity:	2000 lux with F11.0	2000 lux with F8.0	2000 lux with F5.6 ±1/2, 3200K
	Minimum Illumination:	0.5 lux at F1.4, +36dB gain	2 lux (F1.4, +30dB gain)	5 lux (F1.4, +18dB gain) (2 lux with T17 × 5BRM4)
	Shutter Speed:	1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000-sec.	1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000-sec.	1/100 to 1/8000-sec.
	Synchro Scan:	1/60.8 to 1/250-sec.	1/30.4 to 1/57.4-sec., 1/61.7 to 1/250-sec. (variable)	_
	Optical Filter:	3200K, 5600K + 1/8ND, 5600K, 5600K + 1/64ND	3200K, 5600K + 1/4ND, 5600K, 5600K + 1/16ND	1/16-ND Filter, Manual On/Off by slide switch
	S/N Ratio:	62dB (typical)	62dB (typical)	60dB (typical)
	Horizontal Resolution:	750 TV lines (Center)	750 TV lines (Center)	500 TV lines (Center)
	Vertical Resolution:	450 TV lines/500 TV lines (Super-V)	450 TV lines/500 TV lines (Super-V)	400 TV lines
	Registration Error:	Less than 0.03% (all zones, without lens)	Less than 0.03% (all zones, without lens)	Less than 0.03% (all zones, without lens)
	Gain:	-3/0/+3/+6/+9/+12/+15/+18/+21/+24/+30dB, Super Gain: +30/+36dB	-3/0/+3/+6/+9/+12/+15/+18/+21/+24/+30dB	0/+6/+12dB, 0/+9/+18dB
	Optical System:	F1.4 prism system	F1.4 prism system	F1.4 prism system
	Lens Mount:	2/3" bayonet mount	1/2" bayonet mount	1/3" bayonet mount
/iewfinder	CRT:	_	1.5" monochrome	1.5" monochrome
	Horizontal Resolution:	_	600 TV lines (Center)	600 TV lines (Center)
	Control:	_	VR: Bright, Contrast, Peaking, SW: Tally, Zebra, Character	VR: Bright, Contrast, Peaking, SW: Tally, Zebra, Charact
R SECTION	Format:	DVCPRO 1/4" Digital compressed recording	DVCPRO 1/4" Digital compressed recording	DVCPRO 1/4" Digital compressed recording
General	Recording Track:	Digital Video	Digital Video	Digital Video
		Digital Audio: 2CH	Digital Audio: 2CH	Digital Audio: 2CH
		CUE: 1 Track	CUE: 1 Track	Sub-Code
		Sub-Code CTL: 1 Track	Sub-Code CTL: 1 Track	CTL: 1 Track
	Tape Speed:	33.820 mm/s	33.820 mm/s	33.820 mm/s
	Tape:	1/4-inch Metal Particle Tape	1/4-inch Metal Particle Tape	1/4-inch Metal Particle Tape
	Cassette Size:	AJ-P66MP: 97.5 x 64.5 x 14.6 mm	AJ-P66MP: 97.5 x 64.5 x 14.6 mm	AJ-5P92LP: 125 x 78 x 14.6 mm
	Recording/Playback Time:	66 min. with AJ-P66MP cassette	66 min. with AJ-P66MP cassette	184 min. with AJ-5P92LP cassette
	FF/REW Time:	Approx. 3 min. using AJ-P66MP cassette		Approx. 8 min.using AJ-5P92LP cassette
Video		Y: 13.5 MHz, C (PB/PR): 3.375 MHz	Approx. 3 min. using AJ-P66MP cassette Y: 13.5 MHz, C (PB/PR): 3.375 MHz	Y: 13.5 MHz, C (PB/PR): 3.375 MHz
video	Sampling Frequency: Quantization:	8 bits/sample	8 bits/sample	8 bits/sample
	Error Correction:	Reed-Solomon Code	Reed-Solomon Code	Reed-Solomon Code
	Bandwidth:	Y: 30Hz to 5.75 MHz +1.0/–3.0dB	Y: 30Hz to 5.75 MHz +1.0/–3.0dB	Y: 0 to 5.75MHz, +1.0/–3.0dB
	S/N Ratio:	55dB	55dB	55dB
	K Factor (2T):	2% or less	2% or less	SSUB
		30 ns or less	30 ns or less	20 ns or less
N	Y/C Delay:	ī		-
Audio	Sampling Frequency:	48kHz	48kHz	48kHz
	Quantization:	16 bits/sample	16 bits/sample	16 bits/sample
	Frequency Response:	20Hz to 20kHz, +1.0dB/–1.0dB	20Hz to 20kHz, +1.0dB/–1.0dB	20Hz to 20kHz, +1.0dB/-1.5dB
	Dynamic Range:	More than 80dB (at 1kHz, AWTD)	More than 80dB (at 1kHz, AWTD)	_
	Distortion:	Less than 0.1% (at 1kHz, reference level)	Less than 0.1% (at 1kHz, reference level)	Less than 0.2% (at 1kHz, reference level)
	Crosstalk:	_	_	Less than –65dB (at 1kHz, between 2 channels)
	Wow & Flutter:	Below measurable limit	Below measurable limit	Below measurable limit
	Headroom:	20dB	20dB	20dB
	Emphasis:	T1=50μS T2=15μS (ON/OFF Selectable)	T1=50µS T2=15µS (ON/OFF Selectable)	_
Signal Inputs	Genlock In:	BNC × 1, 1.0Vp-p, 75	BNC × 1, 1.0Vp-p, 75	
	Mic In:	XLR 3-pin, balanced, -60dBu, 3k , -60/-50/-40dBu selectable	XLR 3-pin, balanced, -60dBu, 3k , -60/-50/-40dBu selectable	XLR 3-pin, balanced, -60dBu, 3k , -60/-50/-40dBu select
	Audio In (CH1/CH2):	XLR (CH1/CH2), balanced, 10k MIC/LINE Switchable	XLR (CH1/CH2), balanced, 10k MIC/LINE Switchable	MIC/LINE Switchable with internal DIP SW MIC: -60/-50/-40dBu selectable, 10k
		MIC: -60/-50/-40dBu selectable, 10k	MIC: -60/-50/-40dBu selectable, 10k	LINE: -6/0/+4dBu selectable, 10k
		LINE: -6/0/+4dBu selectable, 10k	LINE: -6/0/+4dBu selectable, 10k	
	Time Code In (option):	BNC ×1, 0.5 to 18Vp-p, 10k	0.5 to 18Vp-p, high impedance	_
Signal Outputs	Camera Out:	BNC × 1, 1.0Vp-p, 75	BNC × 1, 1.0Vp-p, 75	_
	Video Out:	BNC × 1, 1.0Vp-p, 75	BNC × 1, 1.0Vp-p, 75	BNC × 1, 1.0Vp-p, 75
	S-VIDEO Out:			4-pin×1, Y: 1.0Vp-p, 75 , C: 0.286Vp-p, 75
	Audio Out (CH1/CH2):	XLR (CH1/CH2/MIX selectable) +4dBu balanced, low impedance	XLR (CH1/CH2/MIX selectable) +4dBu balanced, low impedance 12-pin Multi-connector, (optional AJ-YA900P) CH1/CH2, –20dBu unbalanced, low impedance	RCA (CH1/CH2), -6dBu unbalanced, low impedance
	Headphones:	Stereo mini jack	Stereo mini jack	Stereo mini jack
	Time Code Out (option):	BNC × 1, 1.5Vp-p, low impedance	BNC × 1, 1.5Vp-p, low impedance	— Stored Hilli Jack
Others	DVCPRO I/F Out:	— Sivc x 1, 1.5vp-p, low impedance	— BNC X 1, 1:3Vp-p, low impedance	IEEE1394 Standards (6-pin)
Julio 3				
	RET Video In (option):	BNC × 1, 1.0Vp-p, 75	BNC × 1, 1.0Vp-p, 75	_
	26-pin VCR connector (option):	Component video, 75	Component video, 75	_
	ECU:	6-pin, Camera Remote	6-pin, Camera Remote	
	Lens:	12-pin	12-pin	12-pin
	DC OUT:	4-pin DC 12V, Max. 0.1A	4-pin DC 12V, Max. 0.1A	_

AJ-D450	A,	I-D4	4()
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		AJ-D430	AJ-D440
GENERAL	Power Requirement:	AC120V ±10%, 50 to 60Hz	AC120V ±10%, 50 to 60Hz
	Power Consumption:	150W	120W
	Format:	DVCPRO Format 1/4" Digital compressed recording	DVCPRO Format 1/4" Digital compressed recording
	Recording Track:	Digital Video, Digital Audio: 2CH	Digital Video, Digital Audio: 2CH
	3	TC: REC in Sub-Code area, Cue: 1 Track, CTL: 1 Track	TC: REC in Sub-Code area, Cue: 1 Track, CTL: 1 Track
	Tape Speed:	33.820 mm/s	33.820 mm/s
	Tape:	1/4-inch Metal Particle Tape	1/4-inch Metal Particle Tape
	Cassette Size:	AJ-5P92LP: 125 × 78 × 14.6 mm, AJ-P66MP: 97.5 × 64.5 × 14.6 mm	AJ-5P92LP: 125 × 78 × 14.6 mm, AJ-P66MP: 97.5 × 64.5 × 14.6 mm
	Recording/Playback Time:	Max. 184 min. with AJ-5P92LP, Max. 66 min. with AJ-P66MP	Max. 184 min. with AJ-5P92LP, Max. 66 min. with AJ-P66MP
	FF/REW Time:	Within 3.5 min. using AJ-5P92LP, Within 2 min. using AJ-P66MP	Within 3.5 min. using AJ-5P92LP, Within 2 min. using AJ-P66MP
	Editing Accuracy:	±0 frame (with TC)	—
	Tape Timer Accuracy:	±1 frame (continuous CTL signal use)	
	Operating Temperature:	41°F to 104°F (5°C to 40°C)	41°F to 104°F (5°C to 40°C)
		10% to 90% (Non DEW)	
	Operating Humidity:		10% to 90% (Non DEW)
	Search Speed:	0 to ±60 (in color)	0 to ±60 (in color)
	Weight:	35.1 lbs. (15.9 kg)	33.1 lbs. (15.0 kg)
	Dimensions:	16-11/16"×6-7/8"×16-3/8" (424×175×415 mm)	16-11/16" × 6-7/8" × 16-3/8" (424 × 175 × 415 mm)
IDEO	Sampling Frequency:	Y: 13.5MHz	Y: 13.5MHz
	0 " "	C (PB/PR): 3.375MHz	C (PB/PR): 3.375MHz
	Quantization:	8 bits/sample	8 bits/sample
	Bandwidth:	Y: 25Hz to 5.5Mhz (+1.0/–1.5dB) PB/PR: 25Hz to 1MHz (+1.0/–2.0dB)	Y: 25Hz to 5.5Mhz (+1.0/–1.5dB) PB/PR: 25Hz to 1MHz (+1.0/–2.0dB)
	S/N Ratio:		
		55dB Typ.	55dB Typ.
	K Factor:	2% or less	2% or less
UDIO	Sampling Frequency:	48kHz	48kHz
	Quantization:	16 bits/sample	16 bits/sample
	Frequency Response:	20Hz to 20kHz (±1.0dB)	20Hz to 20kHz (±1.0dB)
	Crosstalk:	Less than –80dB (at 1kHz, between any 2 channels)	Less than –80dB (at 1kHz, between any 2 channels)
	Dynamic Range:	More than 85dB (at 1kHz, emphasis off, "A" WTD)	More than 85dB (at 1kHz, emphasis off, "A" WTD)
	Wow & Flutter:	Below measurable limit	Below measurable limit
	Headroom:	18dB	18dB
	Emphasis:	T1=50µsec/T2=15µsec (On/Off automatic)	T1=50µsec/T2=15µsec (On/Off automatic)
ROCESSOR ADJUSTMEN	IT Video Gain:	±3dB*	±3dB*
ANGE (VIDEO OUT)	Chroma Gain:	±3dB*	±3dB*
	Chroma Phase:	±30°*	±30°*
	Black Level:	±100mV*	±100mV*
	Sync Phase:		
	SC Phase:	±2µsec* ±180°	±2µsec* ±180°
	SC Filase.		
		*Only with external encoder remote controller.	*Only with external encoder remote controller.
IDEO INPUT SIGNAL	Analog Component:	BNC × 3 (Y, PB, PR), Y: 1.0Vp-p, 75 ,	
		PB/PR: 0.7Vp-p, 75 (100% Color Bar)	_
	Analog Y/C:	S-VIDEO (4P) × 1,	_
		Y: 1.0Vp-p, 75 , C 0.3Vp-p, 75 (Burst)	
	Analog Composite:	BNC × 2, loop-through with 75 On/Off	_
	Reference:	Analog Composite, BNC × 2, loop-through with 75 On/Off	_
	Serial Digital Component:	BNC × 2, active throughout, EBU Tech.3267-E (Option)	_
IDEO OUTPUT SIGNAL	<u> </u>	BNC × 3 (Y. PB. PR).	BNC × 3 (Y, PB, PR),
IDEO COTT OT STOWNE	7 Indiog component.	Y: 1.0Vp-p, 75 , PB/PR: 0.7Vp-p, 75 (100% Color Bar)	Y: 1.0Vp-p, 75 , PB/PR: 0.7Vp-p, 75 (100% Color Bar)
	Analog Y/C:	S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C: 0.3Vp-p, 75 (Burst)	S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C: 0.3Vp-p, 75 (Burst)
	Analog Composite:	BNC × 3, 1.0Vp-p, 75	BNC × 3, 1.0Vp-p, 75
	railing composito.	VIDEO1, VIDEO2, VIDEO3 (Superimpose On/Off)	VIDEO1, VIDEO2, VIDEO3 (Superimpose On/Off)
	Serial Digital Component:	BNC × 3, EBU Tech.3267-E (Option)	BNC × 3, EBU Tech.3267-E (Option)
UDIO INPUT SIGNAL	Analog (CH1, CH2):	XLR × 2, 600 /high impedance selectable +4/0/–20/–60dBu	_
0010 1111 01 01011112	Digital (CH1/2) (Option):	BNC×1 with AJ-YA655P, XLR×1 with AJ-YA656P	
	SDI Interface (Option):	BNC × 2 active throughout, 75 (Video and Audio), EBU Tech.3267-E	
IDIO OLITRUIT CICNAL	L Analog (CH1, CH2):	XLR × 2, Low impedance, +4/0/–20/–60dBu	VID v2 Low impedance . 4/0/ 20/ 40dBu
JDIO OUTPUT SIGNAL			XLR x 2, Low impedance, +4/0/-20/-60dBu
	Digital (CH1/2) (Option):	BNC × 1 with AJ-YA655P, XLR × 1 with AJ-YA656P	BNC × 1 with AJ-YA655P, XLR × 1 with AJ-YA656P
	SDI Interface (Option):	BNC × 3 (Video and Audio), 75 EBU Tech.3267-E	BNC x 3 (Video and Audio), 75 EBU Tech.3267-E
	Monitor:	RCA×1,600 , –8dBV	RCA×1, 600 , -8dBV
	Headphone:	Variable level control, M6, 8	Variable level control, M6, 8
THERS	Time Code Input:	BNC × 1, 0.5 to 8.0Vp-p	_
O.I.ENO	Time Code Output:	BNC × 1, 2.0Vp-p	BNC × 1, 2.0Vp-p
		D-sub 9-pin, RS-422A interface	D-sub 9-pin, RS-422A interface
	Remote In:		
	Remote In: RS-232C:	D-sub 25-pin, RS-232C interface	D-sub 25-pin, RS-232C interface
		D-sub 25-pin, RS-232C interface	
	RS-232C:		D-sub 25-pin, RS-232C interface D-sub 15-pin

17 16

S

AJ-D250

AJ-D230H/AJ-D220

	37W
Format: DVCPRO Format 1/4* Digital compressed recording DVCPRO Format 1/4* Digital compressed recording	ording
Recording Track: Digital Video, Digital Audio: 2CH TC: REC in Sub-Code area, Cue: 1 Track, CTL: 1 Track TC: REC in Sub-Code area, Cue: 1 Track, CTL: 1	I Track
Tape Speed: 33.820 mm/s 33.820 mm/s	
Tape: 1/4-inch Metal Particle Tape 11/4-inch Metal Particle Tape	
Cassette Size: AJ-5P92LP: 125 × 78 × 14.6 mm, AJ-P66MP: 97.5 × 64.5 × 14.6 mm AJ-5P92LP: 125 × 78 × 14.6 mm, AJ-P66MP: 97.5 × 64.5 × 14.6 mm	4.5 × 14.6 mm
Recording/Playback Time: Max. 184 min. with AJ-5P92LP, Max. 66 min. with AJ-P66MP Max. 184 min. with AJ-5P92LP, Max. 66 min. with	AJ-P66MP
FF/REW Time: Within 5 min. using AJ-5P92LP Within 3.5 min. using AJ-5P92LP Within 3.5 min	n. using AJ-5P92LP
Operating Temperature: 41°F to 104°F (5°C to 40°C) 41°F to 104°F (5°C to 40°C)	
Operating Humidity: Less than 80% 35% to 80% (non DEW)	
Weight: 14.3 lbs. (6.5 kg) 15.4 lbs. (7.0 kg)	
Dimensions: 8-7/16* x5-1/4* x15-3/8* (214 x 132 x 391 mm) 8-7/16* x5-1/4* x15-3/8* (214 x 132 x 391 mm)	mm)
VIDEO Sampling Frequency: Y: 13.5MHz Y: 13.5MHz C (PB/PR): 3.375MHz C (PB/PR): 3.375MHz	
Quantization: 8 bits/sample 8 bits/sample	
Bandwidth: 30Hz to 4.5MHz (0 ±1dB) 30Hz to 5.5MHz (+0/-3dB)	
Y/C Delay: Less than 20 ns —	
K Factor: Less than 2% 3% or less	
AUDIO Sampling Frequency: 48kHz 48kHz	
Quantization: 16 bits/sample 16 bits/sample	
Frequency Response: 20Hz to 20kHz (+1.0, -2.0dB) 20Hz to 20kHz (-1, +1.0, -2.0dB) 20Hz to 20	kHz (0, -2.0dB)
Crosstalk: Less than –80dB (at 1kHz, between 2 channels) Less than –80dB (at 1kHz, between 2 channels)	els)
	than 80dB hasis off, "A" WTD)
Wow & Flutter: Below measurable limit Below measurable limit	
Headroom: — 20dB	
VIDEO INPUT SIGNAL Analog Y/C: S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C 0.286Vp-p, 75 (Burst) S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C 0.286Vp-p, 75 (Burst)	-
Analog Composite: BNC × 1, 1.0Vp-p, 75 BNC × 1, 1.0Vp-p, 75	_
Ref Video In: BNC × 1, 1.0Vp-p, 75 —	
Sync In: BNC × 1, 1.0VP-P, 75 (Black Burst)	_
VIDEO OUTPUT SIGNAL Analog Y/C: S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C: 0.286Vp-p, 75 (Burst) S-VIDEO (4P) × 1, Y: 1.0Vp-p, 75 , C: 0.286Vp-p, 75	5 (Burst)
Analog Composite: $BNC \times 1, 1.0Vp-p, 75$ $BNC \times 1, 1.0Vp-p, 75$	
	uperimpose on/off)
AUDIO INPUT SIGNAL Analog (CH1, CH2): RCA × 2 (CH1/CH2), -8dBv, 47k RCA × 2 (CH1/CH2), -8dBv, 47k	_
	×2 (CH1/CH2), IBv, 1k
Headphone: Variable level control, M3, 8 Variable level control, M3, 8	
OTHERS Remote In: D-sub 9-pin, RS-422A interface (option) D-sub 9-pin, RS-422A interface (option)	_
RS-232C: D-sub 25-pin, RS-232C interface D-sub 25-pin, RS-232C interface	_
Wired Remote: For AG-A11 wired remote control (option) For AG-A11 wired remote control (option))
Standard Accessory: AC power code × 1 AC power code × 1 AC power code × 1, AC power code × 1,	, Wireless remote control

AG-EZ30U

	NO LEGGO
DIGITAL VIDEO CAMERA	
Power Source:	Battery Pack: 7.2V, AC Adaptor: 8.4V
Power Consumption:	9W (LCD monitor on)
Recording Format:	Digital Video SD Format
Tape Format:	Mini-DV
Recording Time:	63 min. with AY-DVM63EB (SP mode), 95 min. with AY-DVM63EB (LP mode)*
Video Recording Format:	Digital Component
Video Television System:	EIA 525 lines, 60 fields, NTSC color signal
Video Output**:	1.0Vp-p, 75
Y/C (S-Video) Output**:	Y: 1.0Vp-p, 75 , C: 0.3Vp-p, 75
Audio Recording Format:	Digital PCM Stereo, 16 bits (48kHz/2CH), 12 bits (32kHz/4CH)
Audio Output**:	316mV, 600 , -10dBv, more than 10k
Audio (Mic) Input:	–70dBu, 4.7k
Image Sensor:	1/4-inch 3CCD Image Sensor
Lens:	12:1 Variable Speed Power Zoom Lens, F1.6, Focal Length: 4 to 48 mm, Filter Diameter: 43 mm
Viewfinder	0.5-inch Color LCD Viewfinder
Standard Illumination:	1400 lux
Minimum Illumination:	2 lux (in digital gain-up mode)
Operating Temperature:	41°F to 104°F (0°C to 40°C)
Operating Humidity:	10% to 75%
Weight:	Approx. 1.52 lbs. (0.69 kg)
Dimensions (W \times H \times D):	3-3/16" × 4-3/16" × 7-7/16" (80 × 105 × 189 mm)
Battery Life:	AG-BP15P: Approx. 85 min. AG-BP25P: Approx. 160 min.

AC ADAPTOR VW-AD3E	
Power Source:	AC 120V, 50 to 60Hz
Power Consumption:	20W
DC Output:	DC 8.4V, 1.5A (Movie Camera Operation)
Weight:	Approx. 0.39 lbs. (0.18 kg) without Battery Pack
Dimensions (W×H×D):	$3-13/16" \times 1-11/16" \times 2-7/8" (97 \times 43 \times 73 \text{ mm})$

DV tapes recorded in LP mode or long play tapes (SP mode 80 min.) cannot be played back in a DVCPRO VCR.

 Need AV one touch station.

 Continuous recording and using VF.

AG-DV2000

GENERAL	
Power Source:	120V AC ±10%, 60Hz ±0.5%
Power Consumption:	27W (Power Off: Approx. 7W)
Operating Temperature:	41°F to 104°F (5°C to 40°C)
Operating Humidity:	35% ~ 80%
Weight:	15.0 lbs. (6.8 kg)
Dimensions (W \times H \times D):	17-1/2" × 4-13/16" × 13-13/16" (445 × 123 × 351.5 mm)
SYSTEM	
Television System:	EIA Standard, NTSC Color Signal; 525 lines, 60 fields
Recording Format:	Digital Video SD Format
Video Recording Format:	Digital Component
Audio Recording Format:	Digital PCM Stereo 16-bit (48kHz/2ch),12-bit (32kHz/4ch)
TAPE TRANSPORT	
Tape Format:	DV, Mini-DV
Tape Speed:	SP: 18.812 mm/s, LP: 12.555 mm/s
Recording Time	123 min. with AY-DV123EB (Approx. 3 hours with AY-DV123EB in LP mode)
FF/REW Time:	Approx. 72 sec. with AY-DV123EB Approx. 52 sec. with AY-DVM63EB
VIDEO	
Line In (BNC × 1, RCA × 1)*:	1.0Vp-p, 75 unbalanced
Line Out (BNC × 2):	1.0Vp-p, 75 unbalanced
S-Video In (4-pin × 2):	Y: 1.0Vp-p, 75 , C: 0.286Vp-p, 75
S-Video Out (4-pin × 2):	Y: 1.0Vp-p, 75 , C: 0.286Vp-p, 75
AUDIO	
Line In (RCA × 2)*:	309mV, Input impedance 47kw
Mic In (M3):	0.33mV, 600 unbalanced
Line Out (RCA × 2):	309mV, Output impedance 1k , Load impedance 10k
Headphone (M3):	1 ~ 30mV, 8 unbalanced
* Simultaneous input is not por	ssible.
CONNECTORS	
DV Input/Output:	i.LINK (IEEE 1394 • 1995)
System:	5-pin Editing terminal
OTHERS	
Standard Accessories:	Power Cord, S-Video Cable, AV Cable, Controller Cable, System Cord, DV Cable, Remote Control, Cleaning Tape, Battery for Remote Control, Accessories Keeping Case

DVCPRO Video Cassettes

Magnetic Layer:	Metal particle
Base Film:	Super Smooth Film
Back Coat:	Durable and Smooth Back Coating
Tape Width:	6.35 mm
Thickness	
Total Tape Thickness:	8.5 µm (6.5 µm)*
Metal Magnetic Layer:	0.2 μm (0.2 μm)*
Non-Magnetic Layer:	1.3 μm (1.3 μm)*
Undercoating Layer:	0.1 μm (0.1 μm)*
Base Film:	6.5 μm (4.5 μm)*
Back Coating Layer:	0.4 μm (0.4 μm)*
Magnetic Characteristic	
Coercivity:	183 kA/m
Squareness:	0.86
Retentivity:	370 mT

^{*}AJ-5P92LP Specifications

AG-A850

Power Source:	120V AC, 50/60Hz
Power Consumption:	9W
Operating Temperature:	41°F to 104°F (5°C to 40°C)
Operating Humidity:	35% to 80%
Weight:	7.1lbs. (3.2 kg)
Dimensions (W \times H \times D):	16-11/16" × 4-3/16" × 11" (424 × 107 × 279 mm)
Memory Capacity:	512-event
VCR Control:	Recorder: PLAY, STILL, REW, FF, STOP, EJECT, STB OFF, REC, DIAL (JOG, SHTL) Player: PLAY, STILL, REW, FF, STOP, EJECT, STB OFF, DIAL (JOG, SHTL/VAR)
Editing Control:	AUTO EDIT/END, PREVIEW, REVIEW, GO TO, GO TO OUT, ALL STOP
VCR/AUX Selection:	P1, P2, P3, P4, R, AUX1, AUX2, AUX3, AUX4
Editing Mode:	ASMBL (Assemble), INS V/A1/A2/A3/A4/TC (Insert)
Editing Function:	A/B, SPLIT, SPEED, GPI
Effect Type:	WIPE, DISS
Edit Point Input:	MARK IN, MARK OUT, ENTRY IN/OUT/DUR, LAST X, TRACK, C
EDL Input:	EVENT, TRANS, PATTERN, FROM, TO, FS, BS, LASTED, TOTAL, CORCT
Managing List:	Event Insert, Delete, Move, Copy, Renumber
Setting:	SETUP, CONFIG, T SET, SYNC GRADE, TC/CTL, CTL, RESET
Other Function:	DUMP, LOAD
Edit Reference Signal:	CTL (control signal), TC (SMPTE/EBU Time code)
Preroll Time:	0, 3, 5, 7, 10, 15 sec., AUTO
Postroll Time:	0.5, 1, 2, 3, 5, 7, 10 sec.

AG-A350

Power Source:	6V DC, 155mA
AC Adaptor:	120V AC, 50/60Hz (input)
Operating Temperature:	41°F to 104°F (5°C to 40°C)
Operating Humidity:	35% to 80%
Dimensions (W×H×D):	9-7/8" × 1-3/4" × 5-1/4" (250 × 45 × 133 mm)
Weight:	2.6 lbs. (1.2 kg)
Standard Cable Length:	Approx. 3 m
Editing Accuracy:	Standard: ± 0-frame (with reference input), ± 1-frame (4 FCF), ± 3-frame (8 FCF) Slow: ± 3-frame
Pre-roll Time:	4-step (3, 5, 7, 10 sec.)
Editing Mode:	ASSEMBLE, VIDEO INSERT, AUDIO 1/ AUDIO 2 INSERT
Editing Function:	PREVIEW, REVIEW AUDIO SPLIT
Edit Reference Signal:	CTL (CONTROL signal), TC (TIME CODE)
To VCR:	RS-422A (9-pin) × 2
REF. Video In (BNC):	75 , 1.0Vp-p, unbalanced

AJ-A250

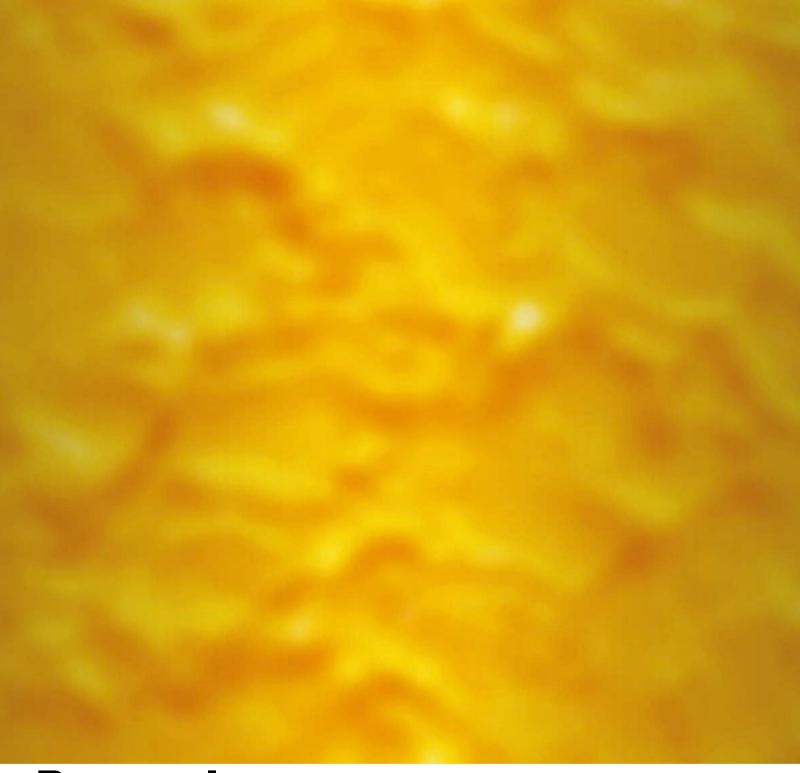
Power Consumption:	0.81W
AC Adaptor:	AC 120V ±10%, 50/60Hz Output; DC 6V, 350mA
Operating Temperature:	41°F to 104°F (5°C to 40°C)
Operating Humidity:	35% to 80%
Dimensions (W \times H \times D):	9-13/16" × 1-3/4" × 5-1/4" (250 × 45 × 133 mm)
Weight:	2.4 lbs. (1.1 kg)
Standard Cable Length:	Approx. 3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



anason

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