

Panasonic

AJ-D94

DVCPRO50 Office Viewer
(PAL:625)

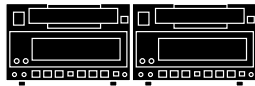


DVCPRO 50

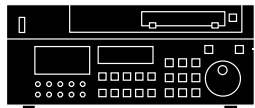
Carryable DVCPRO50/DVCPRO Player That Brings Digital Quality and Convenience to Office Viewing

The AJ-D94 player makes it easier and more convenient than ever to view high-quality digital video footage. With a compact half-rack size, light weight (7.8 kg) and carrying handle, the AJ-D94 is ideal for office use.

The AJ-D94 accepts both M and L cassette tapes and provides up to 184 minutes of playback time. Also featuring a 9-pin remote control terminal and mode lock switch, the AJ-D94 is ready for a range of uses, including video displays and presentations.



AJ-D94



DVCPRO50 Studio VTR (AJ-D950)

Compact and Easy to Carry

Measuring just 214 (W) x 132 (H) x 428 (D) mm, the space-saving AJ-D94 sits easily on a desktop. Two units fit side by side in a standard 19" rack. The AJ-D94's light weight — only about 7.8 kg — and built-in handle make it easy to carry the AJ-D94 wherever you want to use it.

DVCPRO50/DVCPRO Switchable Playback

The AJ-D94 can play back in both DVCPRO50 and DVCPRO. Because it automatically detects the tape format and switches accordingly, you can use tapes of either format without worry about compatibility. The AJ-D94 accepts both the M cassette and L cassette. In DVCPRO50 mode the AJ-D94 provides up to 92 minutes of continuous playback from a single tape, while in DVCPRO mode playback of up to a full 184 minutes is possible.

4:2:2 Component Video

The AJ-D94 features the DVCPRO50 format, whose 4:2:2 component video system delivers the superior playback quality demanded in high-end video productions such as TV commercials with chroma key, multi-layering and computer graphics. Thanks to format's the low 3.3:1 compression ratio, picture degradation is minimal during both compression and decompression, so the 4:2:2 images retain their superior quality.



High-Quality Digital Audio

The AJ-D94 offers outstanding two-channel* digital audio with 48-kHz sampling and 16-bit quantization. Level controls and meters let you monitor the sound, and the volume can be independently adjusted for each channel. A linear cue audio track adds convenience when searching for edit points.

*When playing back a tape with audio recording on four channels, the AJ-D94's default setting is to play back CH1 and CH2. It can be switched via the menu to play back CH3 and CH4.

Time Code Playback

The AJ-D94 features a built-in EBU time code reader that reads the time code recorded onto the sub-code area of each track. This gives you to-the-frame precision and time code detection during searches.

Digital Search and Slow Motion

With the AJ-D94's visible search function, a simple button operation lets you quickly locate a desired scene at 4.1x or 8.4x normal speed (select from the menu). Slow motion at 0.3x normal speed is provided as well. Adding the optional AJ-A95 Remote Controller also gives you a search dial that allows variable-speed jog and shuttle searches.

AJ-A95 External Remote Controller (optional)

Connecting the optional AJ-A95 to the AJ-D94's 9-pin terminal gives you convenient remote control operation (Play, Pause, Rew, FF, Stop), plus variable-speed jog and shuttle searches.

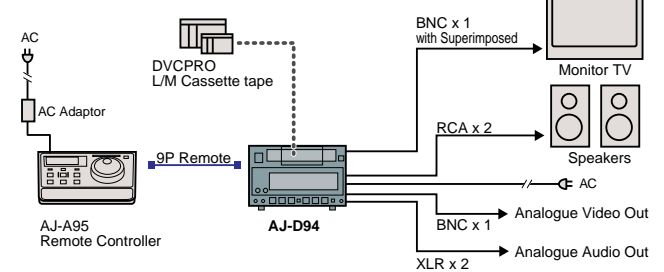
On-Screen Set-Up Display

An on-screen menu makes it easy to change the AJ-D94's initial settings. The display shows the status of a host of functions in an easy-to-read manner with a simple, straight-forward layout.

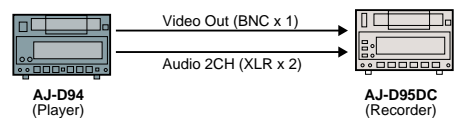
Additional Features

- Mode lock switch to prevent operating errors
- Audio monitor select switch (CH1/STEREO/CH2)
- Headphone output with volume control

Office Viewing System



Dubbing System



Rear Panel

Optional Accessories



AJ-A95
9-pin Remote Controller



AU-C5/C10
5m/10m 9-pin Remote Cable



DVCPRO Cassette Tapes

Model No.	Playback Time (DVCPRO)		Length
	(DVCPRO)	(DVCPRO50)	
AJ-5P92LP	184 min.*	92 min.	377 m
AJ-P126LP	126 min.	63 min.	259 m
AJ-P94LP	94 min.	47 min.	194 m
AJ-P66LP	66 min.	33 min.	137 m
AJ-P34LP	34 min.	17 min.	72 m
AJ-P66MP	66 min.	33 min.	137 m
AJ-P46MP	46 min.	23 min.	96 m
AJ-P33MP	33 min.	16 min.	70 m
AJ-P24MP	24 min.	12 min.	51 m
AJ-P12MP	12 min.	6 min.	27 m
AJ-CL12LP	Cleaning Tape (12min, 27m)		
AJ-CL12MP	Cleaning Tape (12min, 27m)		

*For AJ-5P92LP cassette tape, use a VTR supporting DVCPRO (25 Mbps) 184 minutes tapes.

Specifications

General

Power Supply:	AC 220 to 240 V \pm 10% 50Hz/60Hz
Power Consumption:	65W
Operating Temperature:	5°C to 40°C
Operating Humidity:	10% to 85% (non dew)
Weight:	7.8 kg
Dimensions (W x H x D):	214 x 132 x 428 mm
Format:	DVCPRO50/DVCPRO switchable
Playback Track:	Digital Video Digital Audio: 4 channels (DVCPRO50) 2 channels (DVCPRO)
	TC: Subcode area
	Cue: 1 longitudinal track
	CTL: 1 longitudinal track
Tape Speed:	67.708 mm/s (DVCPRO50)
Playback Time:	Max. 92 minutes with AJ-5P92LP (DVCPRO50), Max. 184 minutes with AJ-5P92LP (DVCPRO)
Tape:	1/4" metal particle
FF/REW Time:	Less than 5 minutes with AJ-5P92LP

Video

Sampling Frequency:	DVCPRO50; Y: 13.5MHz PB/PR: 6.75MHz DVCPRO; Y: 13.5MHz PB/PR: 3.375MHz
Quantization:	8 bits
Error Correction:	Reed-solomon product code
Compression Method:	DCT and Variable-length Coding
Bit Rate:	50 Mbps (DVCPRO50), 25 Mbps (DVCPRO)
[Analogue Composite Out]	
Band Width:	Y: 25Hz to 5.5MHz \pm 1 dB
Y/C Delay:	20 nsec or less
K Factor:	2% or less
Audio	
Sampling Frequency:	48kHz (sync. with video)
Quantization:	16 bit
Frequency Response:	20Hz to 20kHz, \pm 1.0dB (reference level)
Dynamic Range:	More than 85dB (1kHz, "A" weighted)
Distortion:	within 0.1% (1kHz, reference level)
Cross Talk:	Less than -80dB (1kHz, between any 2ch)
Wow & Flutter:	Below measurable limit
Headroom:	18 dB

Video Out Adjustment Range

Video Gain:	\pm 3 dB
Chroma Gain:	\pm 3 dB
Chroma Phase:	\pm 25°
Black Level:	\pm 70 mV
Sync Phase:	\pm 1.5 μ sec

Video Output

Analogue Composite:	BNC x 1, 75 Ω
Monitor:	BNC x 1, 75 Ω (Superimpose on/off)
Audio Output	
Analogue Output:	XLR x 2 (CH1/CH2), low-impedance, +4/0/-3/-20 dBu
Monitor Output:	PHONO x 2 (L/R), CH1/MIX/CH2 switchable low-impedance, 0 dBu
Headphon:	M3 stereo variable level CH1/MIX/STEREO/CH2 switchable (MAX. -20 dBu,)

Other

Remote:	RS-422A (D-sub 9-pin) for AJ-A95 (not available editing function)
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Weight and dimensions shown are approximate.
Specifications are subject to change without notice.
These products may be subject to export regulations.

Panasonic

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(Hong Kong)	Tel. 852-2313-0888	Netherlands	Tel. 31-73-640-2721
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Germany	Tel. 49-611-18160	Portugal	Tel. 351-21-424-8630
Greece	Tel. 30-1-969-2300	Russia	Tel. 7-095-258-4237
Hungary	Tel. 36-1-382-6060	Saudi Arabia	Tel. 966-1-465-0709
Indonesia	Tel. 62-21-801-5666	Singapore	Tel. 65-6270-0110
	62-21-385-9449	Slovakia	Tel. 421-7-5292-1423
		South Africa	Tel. 27-11-313-1400
		Spain	Tel. 34-93-425-9300
		Sweden	Tel. 46-8-680-8238
		Switzerland	Tel. 41-41-259-9632
		Thailand	Tel. 66-2-731-8888
		Turkey	Tel. 90-216-416-0150
		U.A.E.	Tel. 971-4-282201
		U.K.	Tel. 44-118-902-9210

