

**Panasonic**  
ideas for life

**P2HD**

**AJ-HPX3700**

Memory Card Camera-Recorder (P2 cam)

**V**  
**VARICAM**

High-End HD Camera-Recorder for Cinema Production,  
Featuring Varicam Functionality with RGB 4:4:4 and 24PsF Output



At the top of the P2HD camera-recorder line is the new AJ-HPX3700. Offering the 1920x1080 HD full-pixel recording and 10-bit/4:2:2 full sampling capabilities first achieved in our AJ-HPX3000 camera-recorder, the AJ-HPX3700 is ready to record movies, commercials and other high-end film and TV productions. Plus, it offers HD-SDI output of 23.98PsF/24PsF video signals and high quality output of RGB 4:4:4 camera video signals via Dual Link connectivity, allowing connection to a variety of high-end video production equipment. The AJ-HPX3700 also features a variable frame rate function with a range from 1 fps to 30 fps. Other image-enhancing features in this high-quality HD camera-recorder include Chromatic Aberration Compensation (CAC), 14-bit A/D processing, and a multi-gamma function including Film-REC. Select from AVC-Intra 100, AVC-Intra50, or DVCPRO HD codec for recording.

**AVC INTRA**

**DVC PRO HD**

# AJ-HPX3700 Memory Card Camera Recorder

## High-End 1080 HD Image Quality for Film/Cinema Production

- 2.2-megapixel 2/3" CCD for full 1920 x 1080 HD images.
- Recording format: AVC-Intra 100/50 and DVCPRO HD. AVC-Intra 100 uses the 10-bit 4:2:2 sampling.
- HD-SDI output of 23.98PsF/24PsF video signals.
- Three HD-SDI outputs (Dual Link + monitor) allow EE output of RGB 4:4:4 high-quality images.
- Variable frame rate function ranging from 1 fps to 30 fps.
- Selectable gamma including Film-REC.
- Scan-reverse function for film lens use.

Recording Format*	59.94 Hz	50Hz
AVC-Intra	1080/59.94i 1080/29.97pN 1080/23.98pN 1080/24pN	1080/50i 1080/25pN
DVCPRO HD	1080/59.94i 1080/29.97p (over 59.94i) 1080/23.98p (over 59.94i) 1080/23.98pA (over 59.94i)	1080/50i 1080/25p (over 50i)

\*Recording format: AVC-Intra 100/50 and DVCPRO HD. AVC-Intra 100 uses 10-bit, full-raster 4:2:2 sampling.

### Output Signal

HD-SDI OUT: YPbPr 422/RGB 444 (Dual) switchable. When selecting RGB444 (Dual), P-10LOG MODE is selectable.



5 year warranty repair program is available for AJ-HPX3700. Please visit the website below to activate the program.  
[http://panasonic.biz/sav/pass\\_e](http://panasonic.biz/sav/pass_e)

## Advanced Camera Section for High-Quality Image Production

- Chromatic Aberration Compensation (CAC) function compensates for registration error and minimises lateral chromatic aberration in lenses.
- High F10 sensitivity at 2,000 lx. Minimum illumination of 0.021 lx (at 1 fps VFR and +30dB gain-up).
- 14-bit A/D processing, 12-pole linear matrix colour correction function.
- Dynamic Range Stretcher (DRS) provides a wider dynamic range with minimal blown highlights and blocked shadows.
- Scene file, user buttons, user menu and focus assist functions.
- Newly designed 2-wheel (ND and CC) optical filters.

## Advanced P2 Memory Card Recording

- Switchable between 59.94-Hz and 50-Hz recording.
- Five P2 card slots allow continuous recording, card selection, hot swapping, loop rec, pre-rec, interval rec and one-shot recording.
- 48-kHz/16-bit, 4-channel digital audio recording.
- Text memos and shot markers can be added.
- Proxy data recording possible (with the optional AJ-YAX800G).
- USB 2.0 (Host and Device) interface.
- Genlock input for HD-Y or VBS input use.
- Exceptional reliability of solid-state recording

This brochure is preliminary. Specifications and functions are subject to change without notice.

# Panasonic®

Matsushita Electric Industrial Co., Ltd.  
Systems Business Group  
2-15 Matsuba-cho, Kadoma, Osaka 571-8503  
Japan  
Phone +81 6 6905 4650 Fax +81 6 6908 5969  
<https://www.pavc.panasonic.co.jp/pro-av/>

### [Countries and Regions]

Argentina	+54 1 308 1610	Malaysia	+60 3 5549 5422 (PSE)	Taiwan	+886 2 2725 9100
Australia	+61 2 9986 7400	Mexico	+60 3 5546 7000 (PM)	Thailand	+66 2 731 8888
Bahrain	+973 252292	Montenegro, Serbia	+52 55 5488 1000	Turkey	+90 216 578 3700
Belgium	+32 (0)2 481 04 57	Netherlands	+41 (0)26 466 25 20	U.A.E. (for All Middle East)	+971 4 282201
Bulgaria	+359 2 946 0786	New Zealand	+31 73 64 02 577	Ukraine	+380 44 4903437
Brazil	+55 11 3889 4035	Norway	+47 67 91 78 00		+380 44 4903438
Canada	+1 905 624 5010	Pakistan	+92 5370320 21		[ext. 112]
China	+86 10 6515 8828	Panama	+507 229 2955	U.K	+44 (0) 1344 70 69 20
(Hong Kong)	+852 2313 0888	Peru	+51 1 614 0000	U.S.A.	+1 201 348 5300
Czech Republic	+420 236 032 552/511	Philippines	+63 2 633 6162	Vietnam	+848 8370 280
Denmark	+45 43 20 08 57	Poland	+48 (22)338 1100		
Egypt	+20 2 2 3938151	Portugal	+351 21 425 77 04		
Finland, Latvia, Lithuania, Estonia	+358 (9)521 52 53	Puerto Rico	+1 787 750 4300		
France	+33 (0)1 55 93 66 67	Romania	+40 21 211 4855		
Germany, Austria	+49 (0)611 235 401	Russia & CIS	+7 495 725 0565		
Greece	+30 210 96 92 300	Singapore	+65 6270 0110		
Hungary	+36 (1)382 60 60	Slovak Republic	+421 (0)2 52 92 14 23		
India	+91 11 2437 9962	Slovenia, Croatia, Bosnia, Macedonia	+44 (0)20 76 63 36 57		
Indonesia	+62 21 385 9449	South Africa	+27 11 313 1400		
Iran	+98 21 2271463	Spain	+34 (93) 425 93 00		
Italy	+39 02 6788 367	Sweden	+46 (8) 680 26 41		
Kazakhstan	+7 3272 504 777	Switzerland	+41 (0)41 259 96 32		
Korea	+82 2 2106 6641				

Ukraine  
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Vietnam



JQA-0443



Factories of Systems Business Group have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)

SP-HPX37PRE



5K803ZM-1 Printed in Japan