

Panasonic

ideas for life

P2HD

AJ-HPX3700

Memory Card Camera-Recorder (P2 cam)



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

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®

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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