

Panasonic

ideas for life

P2HD

AG-HPD24

Memory Card Portable Recorder "P2 portable deck"

Scheduled for release in August 2011

Preliminary

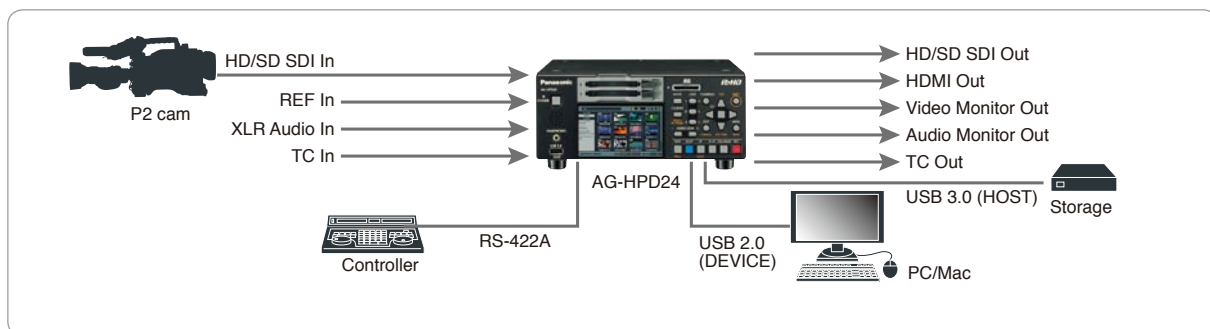


AVC INTRA DVCPRO HD DVCPRO 50 DVCPRO LX

AVC-Intra Recording, HDMI*¹ Output and USB 3.0*² Interface. FULL HD 3D Recording and Transmission with Two Units Sync Operation

The AG-HPD24 is a portable P2 deck that meets the HD recording needs of high-end users in broadcasting and movie production. It supports 1080/24p native recording of 1080/24PsF input and variable frame rate recording as well as multi-format HD recording. It's also equipped with a 3D sync function that enables 3D recording with a high-quality AVC-Intra codec when two AG-HPD24 units, one for the L channel and one for the R channel, are connected. The AG-HPD24 offers a variety of interfaces, including RS-422A*³ remote, HDMI*¹ output, USB 3.0*² with a high transfer rate, and XLR audio input. These extensive features and functions are all packed into a compact unit with 2U height and half-rack width. And the AG-HPD24 also operates on battery for outdoor recording.

*1: Supports 3D *2: USB3.0 host interface *3: Not support recording in linear system editing



AG-HPD24 — Portable P2 deck for 2D/3D Production

AVC-Intra High Quality Image and 1080/24p Recording

- Three HD recording and playback codecs supported: AVC-Intra 100 for high-quality 10-bit 4:2:2 images, AVC-Intra 50, and DVCPRO HD.
- Records and plays various HD formats in 1080i and 720p.
- Capable of 1080/23.98p native recording and supports 1080/24PsF input/output.
- Supports VARICAM and other variable frame-rate videos.
- Offers DVCPRO 50/DVCPRO/DV multi-codec capability for SD video.
- Allows up-/down-conversion between HD and SD as well as cross-conversion between 720 and 1080 during playback.
- High-quality sound with 24 bit 4-channel*1 or 16 bit 8-channel 48-kHz digital audio.

Diverse Interfaces for Broadcasting and Production Work

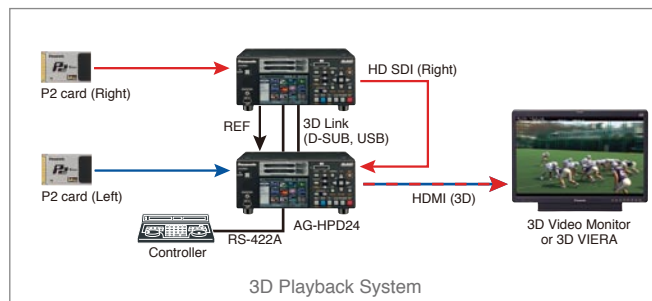
- Equipped with a RS-422A remote terminal (9-pin) to serve as an externally controllable 2D/3D player.
- Playback function*2 previews P2 files from an external storage device.
- USB 2.0 (DEVICE): Uploads files to a PC or nonlinear editor.
- USB 3.0 (HOST): Transfers files to an external storage (USB 3.0 compatible) at about four times AVC-Intra 100 normal speed*3.
- HDMI (3D-compatible) output, HD/SD SDI input/output, video monitor output, audio monitor output, headphone output, REF input, TC input/output and XLR analog audio input.
- Equipped with two P2 card slots to enable continuous recording, hot-swap REC, loop REC and VANC recording.
- Standard 87.63 mm (3.45 inches) LCD allows to view playback and check thumbnails of video clips in addition to display WFM.
- A USB keyboard*4 (USB 2.0) can also be connected.

Versatile 2U Half-Size and Battery Operation

- Compact size with 2U height and half-rack width. Main unit weighs only about 2 kg (approx. 4.4 lb).
- Built-in front speaker for audio monitoring.
- Battery operation boosts convenience (with a 5400 mAh battery pack).
- AC power can be supplied via the AC adaptor (included).
- No moving mechanism of memory card recording/playing ensures high reliability and durability.

Two-Unit Sync Operation for 3D Recording/Playback*5

- When two AG-HPD24 units are connected, the front panel of the first unit or an external RS-422A remote can be used for synchronous control of the two units for 3D recording and playback.
- Video signals (dual HD SDI / L and R signals) from a 3D camera can be recorded synchronously by two AG-HPD24 units (the first unit for the L channel and the second unit for the R channel).
- Two AG-HPD24 units can output synchronized 3D video signals from HDMI terminals to allow 3D viewing on a consumer 3DTV or professional 3D-compatible display monitor.



Specifications

Power Source:	DC 7.2 V with battery, DC 7.9 V with AC adaptor
Power Consumption:	Approx. 18 W
Weight:	Approx. 2.0 kg (4.4 lb), main unit only
Dimensions (W x H x D):	210 mm x 88 mm x 200 mm, without rubber shoes (8-1/4 inches x 3-1/2 inches x 7-7/8 inches)

*1: Only in AVC-Intra 100/50 mode. For playback, equipment or software compatible with 24 bit audio is required.

*2: Playback is based on disk drive performance, including spindle speed. Panasonic cannot guarantee smooth playback without dropped frames.

*3: The USB 3.0 standard has a maximum transfer rate of 5 Gbps. However, the actual transfer speed depends on the system configuration.

*4: Panasonic cannot guarantee all USB keyboard to work properly.

*5: 3D recording and playback is possible only in the AVC-Intra codec.

Panasonic®

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