



AVID EDITING PRODUCTS & **PANASONIC P2** COMPATIBILITY CHECKLIST

TESTED PANASONIC CAMERAS & DEVICES

The following Panasonic devices have been tested with Avid editing products:

- AG-HVX200P/E
- AG-HPG10 portable P2 card player
- AJ-HPM110P
- AJ-HPM100P
- AJ-SPD850
- AJ-PCS060
- AJ-HD1200AP
- AJ-HD130
- AJ-HD150
- AJ-HD3700
- AJ-HD1400
- AJ-HD1700
- AJ-PCD10
- AJ-PCD20

COMPATIBLE AVID PRODUCTS

Panasonic P2 cameras are supported by the following Avid® editing systems:

- Avid Media Composer® software
- Avid Media Composer Adrenaline™
- Avid Media Composer Mojo DX
- Avid Media Composer Nitris® DX
- Avid NewsCutter® software
- Avid NewsCutter Adrenaline
- Avid NewsCutter Nitris DX
- Avid NewsCutter Mojo DX
- Avid Symphony™ Nitris
- Avid Symphony Nitris DX

For the latest information, check out a complete [list of supported devices](#) at [avid.com](#)

AVID WORKFLOW BENEFITS

- Native Codec Support – Start editing DVCPRO HD and AVC-Intra 50 Mbit/s and 100 Mbit/s right away without any digitizing, transcoding, or file conversion delays.
- Thin Raster Support - Maximize performance for editing and playback using the native raster size for DVCPRO HD or AVC-I50 with simultaneous full raster output via HD-SDI.*
- Open timeline – P2 formats can be mixed in real time in the same timeline with SD or HD media that uses the same time base.
- Native MXF support – Import metadata automatically into the Avid bin for fast access and trouble-free media management.
- Auto import of P2 metadata – Information such as Journalist Name, Production Number, Scene Number, Take Number and Project Name all appear automatically in the Avid bin.
- Variable frame rate support – Take advantage of Panasonic's wide range of frame rates and get beautiful slow motion effects without having to render.
- Real-time pull-down – Real-time support for both normal and advanced pull-down eliminates time consuming intermediate steps. (For tape-based formats.)

*Full resolution output with Avid Adrenaline hardware requires a transcode to Avid DNxHD media

AVID EDITING PRODUCTS & PANASONIC P2 CAMERAS

KEY P2 FEATURES SUPPORTED

- Native MXF support
- Direct edit of P2 Media from cards or hard drives
- P2 Store support

For the latest information on P2 workflows with Avid editing systems, go to www.avid.com/P2.

KEY P2 FORMATS SUPPORTED

The following information details the formats supported with the latest versions of Avid Media Composer family, Avid NewsCutter family and Avid Symphony.

Format	Resolution	Avid Project Type (Native Frame Rate)	Avid Project Type (Alternative) ¹
480i/24pA	DV25	NTSC 23.976	NTSC 30i
480i/24p	DV25	NTSC 23.976	NTSC 30i
480i/30p	DV25	NONE	NTSC 30i
480i/60	DV25	NTSC 30i	NONE
576i/25	DV25	PAL 25i	NONE
576P/25	DV25	PAL 25p	NONE
480i/24pA	DVCPRO (25)	NONE	NTSC 30i
480i/24p	DVCPRO (25)	NONE	NTSC 30i
576i/25	DVCPRO (25)	PAL 25i	NONE
576P/25	DVCPRO (25)	PAL 25p	NONE
480i/30p	DVCPRO (25)	NONE	NTSC 30i
480i/60	DVCPRO (25)	NTSC 30i	NONE
480i/24pA	DVCPRO (50)	NONE	NTSC 30i
480i/24p	DVCPRO (50)	NONE	NTSC 30i
576i/25	DVCPRO (50)	PAL 25i	NONE
576P/25	DVCPRO (50)	PAL 25p	NONE
480i/30p	DVCPRO (50)	NONE	NTSC 30i
480i/60	DVCPRO (50)	NTSC 30i	NONE

Format	Resolution	Avid Project Type (Native Frame Rate)	Avid Project Type (Alternative) ¹
720p/24pN	DVCPRO HD (100) AVC-I (50) AVC-I (100)	720p/23.976	1080p/23.976
720p/25pN	DVCPRO HD (100) AVC-I (50) AVC-I (100)	720p/50	1080p/25
720p/30p	DVCPRO HD (100)	NONE	720p/59.94
720p/30pN	DVCPRO HD (100)	720p/29.97	1080i/59.94
720p/50	DVCPRO HD (100) AVC-I (50) AVC-I (100)	720p/50	NONE
720p/60p	DVCPRO HD (100) AVC-I (50) AVC-I (100)	720p/59.94	NONE
1080p/24p	AVC-I (50) AVC-I (100)	1080p/23.976	NONE
1080i/24p	DVCPRO HD (100)	NONE	1080i/59.94
1080i/24pA	DVCPRO HD (100)	NONE	1080i/59.94
1080i/30p	DVCPRO HD (100)	NONE	1080i/59.94
1080i/50	DVCPRO HD (100) AVC-I (50) AVC-I (100)	1080i/50	NONE
1080i/60	DVCPRO HD (100) AVC-I (50) AVC-I (100)	1080i/59.94	NONE

¹ Alternative project type is the format as recorded by the camera. All file-based recordings can be converted to the Avid native project type by using [DVFilm's RayLight MXFX](#) tool.

AVID EDITING PRODUCTS & PANASONIC P2 CAMERAS

SAMPLE WORKFLOW

- Edit DVCPRO HD from P2 Media
- Edit on Media Composer at 1080i/59.94
- Writeback to DVCPRO HD deck via IEEE-1394 (FireWire)

For the latest information on P2 workflows with Avid editing systems, go to www.avid.com/P2.

1. Make sure the Panasonic P2 drivers are installed on the editing system. (Drivers may be downloaded from the Panasonic P2 website.)
2. Connect the camera via a USB cable to the PC (note: if using a Mac, FireWire is the preferred connection)
3. The camera's media switch must be set to P2, which will cause the P2 card(s) to mount as a drive(s). See camera User Manual for more details.
4. Start the Avid application. Create a 1080i/59.94 project (if necessary, select File> Mount all and/or File>Load Media Database to recognize the P2 card(s) added since starting the application.
5. To play media directly from the P2 card(s), select "File > Import P2 > Clips to Bin"
 - a. This will import clips directly to your bin although media will stay on the cards/drives.
 - b. Double-click the clip and play in a pop-up window or in the source monitor.
 - c. The clips are now playable/editable directly from the P2 device
6. To copy P2 files to a local or networked media drive:
 - a. Select the clips you wish to import media for in the bin.
 - b. Select File > Import P2 > Media.
 - c. The application imports the media to your system.

7. Edit the DVCPRO HD footage
 - a. You can mix footage of the same frame rate with SD and/or Avid DNxHD®-based footage of the same frame rate and frame structure (progressive or interlaced) in real time on the Avid timeline.
 - b. Variable Frame Rate (VFR) workflow example:
 - i. Footage recorded at 720p 60 on the camera and played back in the 720p/ 23.976 Avid project will result in a smooth 2.5x slow motion effect. Camera must be in Cinema mode, with 60p as selected frame rate. Please refer to camera's User Manual for directions on shooting in VFR mode.
8. Output Options
 - a. "Writeback" to P2 card media directly with a compatible P2 device.
 - i. Select Output Menu > Export to Device > P2..."
 - ii. Set the export settings as desired
 - iii. Click save

Note: Writeback for 59.94i and 50i formats only.

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