



P2 HD Camcorder

AG-HPX500

2/3-type CCD high definition camcorder

Key Features

DVCPRO, DVCPRO50 and DVCPRO HD formats

Variable frame rates

Four P2 Slots



AG-HPX500

<https://eu.connect.panasonic.com/es/en/products/broadcast-proav/ag-hpx500>

Supply Voltage	DC12V (11V to 17V)
Power Consumption	Approx.23W (when 1.5*CRT viewfinder, 3.5* LCD monitor used)
Operating Temperature	32°F to +104°F (0°C to +40°C)
Storage Temperature	-4°F to +140°F (-20°C to +60°C)
Operating Humidity	10% to 85% (no condensation)
Weight	Approx.8.38 lbs (3.8 kg) excluding battery and accessories
Dimensions (W x H x D)	5-5/8' x 10-3/8' x 12-5/8' (140mm x 261mm x 318mm) excluding handle and prominent parts
Pickup Devices	3CCD (2/3-inch interline transfer type, and progressive modes supported)
Lens Mount	2/3" bayonet type
Optical Colour Separation	Prism system
ND Filter	4 position (Clear, 1/4, 1/16, 1/64)
Gain Selection	60i/60p/50i/50p mode: 0/+3/+6/+9/+12/+18 dB 30p24p/24pA/25p mode: 0/+3/+6/+12dB [Slow Shutter Mode, Gain fix (0dB)]
Shutter Speed (Preset)	60i/60p mode: 1/60 (OFF) sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 30p mode: 1/30(OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec. 24p/24pA mode: 1/24(OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec. 50i/50p mode: 1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 25p mode: 1/25(OFF), 1/50, 1/60, 1/120, 1/250, 1/500, 1/1000 sec.
Sampling Frequency	48 kHz
Recording Format	DVCPRO HD/DVCPRO 50/DVCPRO/DV selectable
Remote	10 pin
Lens	12 pin
EVF	20 pin
Internal Speaker	1.1" (28mm) round shape x 1
LCD Monitor	3.5", LCD color Monitor, 210,000 pixels, 4:3
Supplied Accessories	1.5", CRT BW Viewfinder (4:3 CRT, NTSC/PAL switchable), Component Video Cable, Shoulder strap, P2 card software driver (CD-ROM)
Shutter Speed (Variable)	60i mode: 1/60.0 to 1/249.8 30p mode: 1/30.0 to 1/249.8 24p/24pA mode: 1/24.0 to 1/249.8 50i/50p mode: 1/50.0 to 1/249.8 25p mode: 1/25.0 to 1/249.8
Shutter Speed (Slow)	60i/60p mode: 1/15, 1/30 30p mode: 1/15 24p/24pA mode: 1/12 (720p mode only) 50i/50p mode: 1/12, 1/25 25p mode: 1/12
Variable Frame Rate	60 Hz mode: 12/18/20/22/24/26/30/32/36/48/60 fps (frame/sec.) 50 Hz mode: 12/18/20/23/25/27/30/32/37/48/50 fps (frame/sec.) F10 (Typical) at 2000 lx
Sensitivity	F10 (Typical) at 2000 lx
Quantizing	16 bit/4CH
Compression	Compression ratio 1/6.7, DCT + variable length code
Head Room	20 dB/18 dB (Selectable)
Audio Recording Format	PCM digital recording 48 kHz /16 bits 4ch (DVCPRO HD / DVCPRO 50), 2ch/4ch selectable (DVCPRO / DV)
Recording Time* (Approx)	DVCPRO HD, 4CH: 64 minutes with one 64GB P2 Card (AJ-P2C064AG) 32 minutes with one 32GB P2 Card (AJ-P2C032RG) 16 minutes with one 16GB P2 Card (AJ-P2C016RG) * Time shown above is when you record a series of 1 shot to P2 card. Depending on numbers of shots you record, time will get shorter than the number shown above.
P2 Card Slot	4 Slot (4G, 8G, 16G Card)
SD Card Slot	SD Format standard (MMC not used) 1 Slot (Camera setup, Reading/Writing)
Video Output	BNC x 1, 1.0Vp-p, 75Ω
SDI Out	BNC x 1, 0.8Vp-p, 75Ω (HD: SMPTE292M/296M/299M/ SD: SMPTE259M-C/272M-A/ITU-R.BT656-4 Standard)
TC In	BNC x 1, 0.5 to 8Vp-p, 10kΩ
TC Out	BNC x 1, Low impedance, 2.0 ±0.5V p-p
IEEE 1394	6 pin, Digital In/Out, based on IEEE 1394 Standard
DC In	XLR x 1, 4-pin, DC12V (DC11.0V to 17.0V)
DC Out	4-pin, DC12V (DC11.0V to 17.0V), max 1.5 A.
USB 2.0 (Device)	Type-B, 4-pin (USB ver2.0)
MIC In	XLR x 2 (FRONT1, FRONT2), High impedance, +48V compatible MIC: -40/-50/-60 dBu (Switch on Menu)
Audio In	XLR x 2 (REAR1, REAR2), High impedance, LINE/MIC/+48V switchable LINE: 0 dBu, MIC: -50/-60 dBu (Switch on Menu)
Line Out	Pin Jack x 2 (CH1/CH2), Out: 600Ω, 316 mV
Phones	Stereo Mini Jack, 0.14" (3.5mm) diameter
Recording Bit Rate	100Mbps
Recording File	MXF File
File System	FAT32
Gen Lock	BNC x 1, 1.0Vp-p, 75Ω
Component Output	D4 terminal (Component), Y: 1.0Vp-p, 75 Ω, PB/PR: 0.7Vp-p, 75Ω

