



P2HD-schoudercamcorder van het 2/3-type

AJ-PX800

2/3-type HD-schoudercamcorder met drie beeldsensoren betekent een revolutie op het gebied van nieuwsgaring, dankzij hoge mate van mobiliteit, ongeëvenaarde beeldkwaliteit en netwerkfuncties.

Key Features

Met 3MOS-sensor van het 2/3-type en verminderd rollende-sluitereffect voor een horizontale resolutie van 1000 TV-lijnen, gevoeligheid van F13 bij 50i en S/N van 60dB

Voorzien van CAC voor maximale lensprestaties en DRS voor het compenseren van belichtingsvariëaties

Geïntegreerde AVC ULTRA-opnamemogelijkheden met AVC-Intra 200/500/50 en AVC-LongG50/25/12

Twee P2-sleuven voor zowel afwisselend als simultaan opnemen

Netwerkconnectiviteit voor een snellere nieuwsworkflow - bedrade LAN-, draadloze LAN- en 4G/LTE-netwerken worden ondersteund.





AJ-PX800

<https://eu.connect.panasonic.com/nl/nl/products/broadcast-proav/aj-px800>

General	
Power	DC 12 V (11.0 V to 17.0 V)
Power Consumption	22 W (when the optional board AG-YA600G is installed)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10% to 85% (relative humidity)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Weight	Approx. 2.8 kg (6.2 lbs.) (body only, excluding the battery and accessories)
Dimensions	
	144 mm (W) x 267 mm (H) x 350 mm (D) (5-21/32 inches x 10-1/2 inches x 13-25/32 inches) Body only, excluding protrusion
Camera Unit	
Pickup Devices	2/3 type 2.2 million pixels, MOS x 3
Lens Mount	2/3 type bayonet
ND Filter	1: CLEAR, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND
Gain Setting	NORMAL mode: -3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB, 21 dB, 24 dB, 27 dB, 30 dB HIGH SENS mode: -6 dB, -3 dB, 0 dB, 3 dB, 6 dB, 9 dB, 12 dB, 15 dB, 18 dB, 21 dB, 24 dB, 27 dB, 30 dB
Super Gain (S.GAIN)	Selectable from 30 dB, 36 dB, 42 dB
Shutter Speed	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 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) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.
Synchro Scan Shutter	60i/60p mode: 1/60.0 sec. to 1/250.0 sec. 30p mode: 1/30.0 sec. to 1/250.0 sec. 24p mode: 1/24.0 sec. to 1/250.0 sec. 50i/50p mode: 1/50.0 sec. to 1/250.0 sec. 25p mode: 1/25.0 sec. to 1/250.0 sec.
Slow Shutter Speed	60i/60p mode: 1/15 sec., 1/30 sec. 30p mode: 1/15 sec. 24p mode: 1/12 sec. 50i/50p mode: 1/12.5, 1/12.5 sec. 25p mode: 1/12.5 sec.
Shutter Open Angle	3.0 deg to 360.0 deg (in 0.5 deg steps, angle display)
Sensitivity	NORMAL mode: F9 (2000 lx, 3200 K, 89.9% reflection, 1080/59.94i) F10 (2000 lx, 3200 K, 89.9% reflection, 1080/50i) HIGH SENS mode: F12 (2000 lx, 3200 K, 89.9% reflection, 1080/59.94i) F13 (2000 lx, 3200 K, 89.9% reflection, 1080/50i)
Minimum Subject Illumination	Approx. 0.22 lx (HIGH SENS MODE, F1.4, +42 dB (S.GAIN))
Image S/N	62 dB (standard)
Horizontal Resolution	1000 TV or higher (center)
Memory Card Recorder	
Recording Media	P2 card (for microP2 card: adaptor is required)
System Format	1080/59.94i, 1080/23.98psF, 720/59.94p, 480/59.94i, 1080/50i, 720/50p, 576/50i
Recording Formats	AVC-Intra100/AVC-Intra50/AVC-LongG50/AVC-LongG25/AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV formats switchable

Recording Video Signal	1080/59.94i, 1080/29.97pN, 1080/23.98pN, 720/59.94p, 720/29.97pN, 720/23.98pN, 480/59.94i, 480/29.97p,
	1080/50i, 1080/25pN, 720/50p, 720/25pN, 576/50i, 576/25p
Recording/Playback Time*	16GB x 1 32GB x 1 64GB x 1
	AVC-Intra100: Approx. 16min. Approx. 32min. Approx. 64min.
	AVC-Intra50: Approx. 32min. Approx. 64min. Approx. 128min.
	AVC-LongG50: Approx. 32min. Approx. 64min. Approx. 128min.
	AVC-LongG25: Approx. 64min. Approx. 128min. Approx. 256min.
	AVC-LongG12: Approx. 120min. Approx. 240min. Approx. 480min.
	DVCPRO HD: Approx. 16min. Approx. 32min. Approx. 64min.
	DVCPRO 50: Approx. 32min. Approx. 64min. Approx. 128min.
	DVCPRO/DV: Approx. 64min. Approx. 128min. Approx. 256min.
	These are reference values for continuous recording using the Panasonic products. The recording time may differ depending on the scene or the number of clips.
Digital Video	
Sampling Frequency	AVC-Intra100/AVC-LongG50/AVC-LongG25/AVC-LongG12/DVCPRO HD: Y: 74.1758 MHz, PB/PR: 37.0879 MHz (59.94 Hz)
	Y: 74.2500 MHz, PB/PR: 37.1250 MHz (50 Hz)
	DVCPRO50: Y: 13.5 MHz, PB/PR: 6.75 MHz
	DVCPRO: Y: 13.5 MHz, PB/PR: 3.375 MHz
Quantizing	AVC-Intra100/AVC-Intra50/AVC-LongG50/AVC-LongG25: 10 bit
	AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV: 8 bit
Video Compression Format	AVC-Intra100/AVC-Intra50: MPEG-4 AVC/H.264 Intra Profile
	AVC-LongG50/AVC-LongG25/AVC-LongG12: MPEG-4 AVC/H.264
	DVCPRO HD/DVCPRO50/DVCPRO: DV-Based Compression
	DV: DV Compression
Digital Audio	
Recording Audio Signal	AVC-Intra100/AVC-Intra50:
	48 kHz/16 bit, 4CH and 48 kHz/24 bit, 4CH switch
	AVC-LongG50/AVC-LongG25:
	48 kHz/24 bit, 4CH
	AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV:
	48 kHz/16 bit, 4CH
Headroom	18 dB/20 dB (switchable with menu)
Proxy	
Video Compression Format (Proxy)	H.264/AVC Baseline Profile, H.264/AVC High Profile
Audio Compression Format	AAC-LC, Linear PCM
Approx. Recording Time* (1GB)	AVC-G6 2CH MOV: Approx. 13 min.
	SHQ 2CH MOV: Approx. 25 min.
	HQ 2CH MOV: Approx. 78 min.
	LOW 2CH MOV: Approx. 135 min.
	These are reference values for continuous recording using the Panasonic products. The recording time may differ depending on the scene or the number of clips.
Video Input/Output	
SDI Out/In (Option)	BNCx1
	1.5 G HD SDI: 0.8 V [p-p], 75 ohms
	SD SDI: 0.8 V [p-p], 75 ohms
MON Out	BNCx1
	(Can be switched to HD SDI/SD SDI/analog composite on SmartUI.)
	1.5 G HD SDI: 0.8 V [p-p], 75 ohms
	SD SDI: 0.8 V [p-p], 75 ohms
	Composite: 1.0 V [p-p], 75 ohms
HDMI Out	HDMIx1 (HDMI type A terminal, not compatible with VIERA Link)
Audio Input/Output	
Audio In	XLR (3 pin) x 2
	LINE/MIC (switch selection)
	LINE: 0 dBu
	MIC: -50 dBu/-60 dBu (menu selection), +48 V ON/OFF (switch selection)
MIC In	XLR (3 pin) x1,
	+48 V supported (selectable menu)
	-40 dBu/-50 dBu/-60 dBu (selectable menu)
Wireless In	25 pin, D-SUB, -40 dBu, 2CH supported

Audio Out	Pin jack x 2 (CH1, CH2), Output level: 600 ohms, 316 mV
Phones Out	3.5 mm diameter stereo mini jack x1
Speaker	20 mm diameter, round x 1
Other Input/Output	
Genlock In	BNCx1, 1.0 V [p-p], 75 ohms
TC In/Out	BNCx1, IN/OUT switch selection
	IN: 0.5 V [p-p] to 8 V [p-p], 10 k ohms
	OUT: 2.0 ±0.5 V [p-p], Low impedance
DC In	XLRx1, 4 pin, DC 12 V (DC 11.0 V to 17.0 V)
DC Out	4 pin, DC 12 V (DC 11.0 V to 17.0 V), maximum output current 1.5 A
Remote	10 pin
Lens	12 pin
VF	20 pin
LAN	100BASE-TX/10BASE-T
USB 2.0 (Host)	Type A connector, 4 pin
USB 2.0 (Device)	Type B connector, 4 pin
USB 2.0 (Sub Host)	Type A connector, 4 pin

(exclusively for wireless module AJ-WM30)

Included Accessories	Shoulder strap, Mount cap
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Note Weight and dimensions shown are approximate. Specifications are subject to change without notice.

* Time shown above is when you record a series of 1 shot to a P2 card. Depending on numbers of

shots you record, the time will get shorter than the number shown above.