

3-CCD Color Video Camcorder



GY-X3U

(Please check for world-wide availability)

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- **3-CCD: High sensitivity three 1/3" CCDs deliver F8 at 2,000 lux**
- **Low Light Performance: In the Maximum Gain Mode, the GY-X3U delivers great pictures at illumination levels as low as 4 lux.**
- **Full-size Head Drum: A built-in professional S-VHS VTR with full-size head drum gives top-quality recordings for up to 2 hours using an ST-120 cassette.**
- **Low Noise Pictures: Newly designed 1/3" CCDs supported by advanced electronics achieve an excellent signal-to-noise ratio of 60dB.**
- **"Continuous Auto Black" circuit eliminates the need of the "Auto Black" manual switch/operation.**
- **Fujinon 14 × servo zoom lens provided**



CAMERA SECTION

Image pickup device:	1/3" IT CCD x 3
Color separation system:	F1.4, 3-color separation prism
Number of effective pixels:	510(H) x 492 pixels
Color system:	NTSC (R-Y, B-Y encoder)
Optical filter:	3200 K, 3200 K+6.3% ND
Horizontal resolution:	550 TV lines
Sensitivity:	F8, 2000 lx
Minimum illumination:	4 lux with F1.4 max. gain
S/N ratio:	60 dB (luminance signal)
Gain:	0 dB, 6 dB, ALC, 24 dB (MAX. GAIN)
Variable scan:	1/60 Hz to 1/2000 sec.
Detail correction:	Horizontal dual-edged, Vertical dual-edged
Microphone:	Superdirectional electret condenser microphone
Viewfinder:	1.5" B&W viewfinder

VTR SECTION

Format:	S-VHS standard
Tape speed:	33.35 mm/sec.
Record/playback time:	120 min (with ST-120 cassette)
Horizontal resolution:	400 lines or more (S-VHS mode)
Video S/N ratio (color):	45 dB (playback VHS/S-VHS)
Audio S/N ratio:	44 dB

ZOOM LENS

Focal length:	5.5 to 77 mm (zoom ratio 14:1)
Max. aperture ratio:	F/1.4
Focus range:	1.0 mm to ∞
Front thread diameter:	62 mm, P=0.75 mm
Iris range:	F/1.4 to 16, close

INPUT/OUTPUT SIGNALS

Video signal output:	VBS 1 V(p-p)/75 ohms (BNC)
Audio output:	(ø 3.5 mini-jack): Ch1 (L): -10 dBs Ch2 (R): -10 dBs
Camera microphone input:	-70 dBs (with the built-in microphone), 4.7 kohms unbalanced
Audio input:	+4 dBs/10k ohms or -60 dBs/3 kohms (selectable) equivalent to XLR-3-32, balanced

GENERAL

Power requirements:	12 V DC (10.5V to 18V permissible battery range)
Power consumption:	19.4 W under REC/PAUSE mode conditions
Weight:	12.8 lbs. (5.8 kg)
Operating temperature range:	+32°F to +104°F (0°C to 40°C)
Storage temperature range:	-4°F to +140°F (-20°C to +60°C)

PROVIDED ACCESSORY

Quick-release tripod adapter plate

Optional Accessories

AA-P250U

AC Power Adapter/Charger



AA-G10U

Battery Charger/AC Power Adapter



NB-G1U

Ni-Cad Battery (2.2 Ah)



CB-P27U Carrying Case

CB-27 Shipping Case (for U.S.A.)



SB-X3 Soft Carrying Bag (for U.S.A.)

KA-A3U

Mic Holder

