3-CCD Color Video Camcorder

GY-X3U
(Please check for world-wide availability)

- 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: 5100H 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)
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: VB6 1 Vp-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

All model numbers, specifications and prices are subject to change without notice.