

ZBOX2
EVO-250/PGV-250
Hi-8™ Incident Video Recorder

EVO-250 Features:

- Hi8 format achieves over 400 lines of horizontal resolution
- Compact and lightweight
- Long battery operation (over 9 hours using NP-F950) w/ adoption of Lithium Ion battery system
- Direct attachment interface with the PGV-250 program unit
- 5 head system for high quality SP/LP mode recording
- Laser Link system for wireless IR transmission of A/V signals\
- Supplied with DC-V700 DC Pack/car battery adapter
- Built-in time base corrector reduces jitter during playback
- Digital Noise Reducer digitally reduces chroma noise on playback

PGV-250 Features:

- Direct interface to EVO-250
- Built-in time/date generator superimposed to incoming video
- Composite or Y/C inputs
- Provisions for direct hookup of optional color cameras CVX-V1 or CVX-V3
- Program Record mode allows flexible alarm handling recording for the EVO-250
- 2 channel Hi Fi audio recording capabilities
- Accepts microphone or line level audio inputs
- Flexible alarm handling and timer capabilities

EVO-250 Specifications:

General

| | |
|--------------------------|---|
| Weight | Approx. 1 lb. 7 oz. (w/out batteries & tape) 650 grams |
| Dimensions (whd) | Approx. 5-13/16" x 1-7/8" x 5-3/8" 148 x 48 x 135mm |
| Power Requirement | DC: 7.2V (battery operation) DC: 8.4V (AC Adapter) |
| Power consumption | 2.9W |
| Operating Temp | 32°F to 104°F (0°C to 40°C) |
| Storage Temp | -20°F to 140°F (-20°C to 60°C) |

Video

| | |
|-----------------------|--|
| Tape Speed | SP mode: 1.43mm/sec LP mode: 0.72mm/sec |
| Recording mode | Hi8/Standard 8mm (SP/LP) |
| Playback mode | Hi8/Standard 8mm (SP/LP) |

Audio

AFM audio Stereo
Frequency Response AFM: 30 Hz to 15 kHz
Audio S/N AFM: better than 60 dB

Connectors:

Video Input/Output Composite video, Phono X 1
1 Vp-p, 75Ω, unbalanced, sync negative
Y/C, Mini-DIN 4 pin X 1
Y: 1Vp-p, 75Ω, unbalanced, sync negative
C: 286mVp-p, 75Ω, unbalanced

Audio Input/Output Stereo x 1 (L/R)
Phono jack x2
-7.5 dBs, (0dBs=0.774Vrms)

Other Connectors: RFU/DC OUT: Special mini, DC 5V
LANC Stereo sub mini jack
HEADPHONE Stereo mini jack, 8Ω
Multi connector 20 pin

Supplied Accessories:

DC-V700 Car Battery Adapter/Charger
DK-415 DK cable
Operation manual
Mounting Plate

Optional Accessories:

NP-F550/F750SP/F950 Battery pack
AC-V615/ AC-V700 AC Adapter/battery charger
PGV-250 Incident Recording Adapter
RFU-89UCKA RF Modulator

PGV-250 Specifications:

General

Weight Approx. 5-1/2 oz. (160 grams) main unit
Approx. 0.13 oz. (60 g) DC power unit
Dimensions (whd) Approx. 2-3/4" x 2-3/8" x 5-5/16"
(69.5mm x 60.6mm x 134.8mm)
Power Requirement DC: 5.3V, 120mA (Max)
Power Consumption 8.7V 1VA Max
Operating Temp 41°F to 104°F (5°C to 40°C)
Storage Temp -20°F to 140°F (-20°C to 60°C)
Video Signal EIA Standards, NTSC Color

Connectors

Video Input Composite: Phone x 1,
1 Vp-p, 75Ω, unbalanced, sync negative
Y/C, Mini-DIN 4 pin X 1

Y: 1Vp-p, 75Ω, unbalanced, sync negative
C: 286mVp-p, 75Ω, unbalanced
Audio Input/Output Stereo x 1 (L/R)
Phono jack x2
-7.5 dBs, (0dBs=0.774Vrms)
Other connectors Alarm IN/Tape End/Rec Indication:
Stereo mini, active short (low)
DC IN: 8.4V
Special interface for Video Walkman®
Multi-connector: For camera Interface

Supplied Accessories:

DC Power Adapter Plate
CR2032 Lithium Battery
Operating Instruction Manual
Special cable for the Alarm In/Tape End/REC indication terminal

Optional Accessories:

CVX-V1 1/4" Color video camera with 3.9mm F1.8 lens
CVX-V3 1/4" Color video camera with 3.5mm to 10.5mm
varifocal lens, F2.8 - F4.0 & built-in stereo microphone