

ProHD

JVC GY-HD100 • JVC BR-HD50

The Professional Choice.



GY-HD100 Compact Camcorder

HDV/DV switchable (MiniDV Tape) ■ Multi-format Video ■ Real 24p ■
3-HD CCD image sensor ■ detachable HD zoom lens (Bayonet mount):
zoom/focus/iris mechanical control ■ Magnesium die cast body ■
Detachable professional Viewfinder ■ TC capability ■ External HDD
capability ■ Set-up with SD memory card

BR-HD50 HD Recorder/Player

HDV/DV switchable ■ Multi-format video output (cross converter
function) ■ IEEE 1394 I/F ■ HDMI out ■ durable chassis and mechanism ■
Professional operability ■ 8 digit large counter ■ RS-422 remote

DV PAL

HDV™

JVC

GY-HD100 and GY-HD101E HD Compact Camcorder

- HDV™ format
- Interchangeable lenses
- 1/3", 3-CCD camera system
- Uncompressed 720p/50 and 720p/60 live output
- Two XLR audio inputs
- Compact design with shoulder mount
- Full Auto Shooting
- Colour matrix
- 0.44", 230,000-pixel colour LCD viewfinder
- Tri-mode 3.5", 250,000-pixel colour LCD panel
- Camera set-up memory positions on removable SD card
- IEEE 1394 interface for DV and HDV™
- Patented „FOCUS ASSIST“ function for fast focusing
- Variety of optional lenses & adaptors incl 1/2" and C-mount
- HDV™ & DV recording to an optional external HDD
- Built-in colour bars generator

Specifications General

Power requirements: DC 7.2 V | Power consumption: Approx. 14 W (in record mode) | Dimensions (mm): 235 (W) x 232 (H) x 315 (D) | Weight: 3.1 kg (including: T16x5.5BRMU lens, viewfinder, battery, microphone and tape cassette) | Temperatures: Operating: 0°C to 40°C | Storage: -20°C to 60°C | Humidity: Operating: 30% to 80% RH | Storage: 85% RH or less

Camera section

Image pickup device: 1/3" interline-transfer CCD x 3 | Colour separation system: F1.4, 3-colour optical separation prism | Total pixels: Approx. 1,110,000 pixels | Colour bars: EBU & SMPTE | Sync system: Internal sync via built-in SSG | Lens mount: 1/3" bayonet system | ND filter: 1/4ND, +1/16ND | Sensitivity: F8, 2000 lx | Gain: 0, 3, 6, 9, 12, 15, 18 dB, ALC | Electronic shutter: Standard value: 50 Hz | Fixed values: 6.25 - 10,000 Hz, 11 steps (HDV HD25p, SD 50p, DV 50i mode) 6.25 - 10,000 Hz, 11 steps (DV 25p) | Variable scan: 50.2 to 1,973.7 Hz | Dynamic range: 250% or more

VTR section

Recording formats: 720p/24, 720p/25, 720p/30, 576p/50, 576p/25, 576i/50

Video Format

HDV: Video signal recording format: HDV720p format, 8-bit, 19.7 Mbps | Compression: MPEG-2 video (profile & level: MP@H-14) | DV: Video signal recording format: DV format, 8-bit, 25 Mbps | Compression: DV compression 4:2:0

Audio

HDV: Audio signal recording format: MPEG1 Audio Layer II | DV: Audio signal recording format: 16-bit (locked audio), 48 kHz PCM for 2 channels or 12-bit, 32 kHz PCM for 4 channels | Cassette type: Mini DV | Tape speed: 18.8 mm/sec. | Record/play time: 63 minutes (with an M-DV63PROHD tape)

Connectors

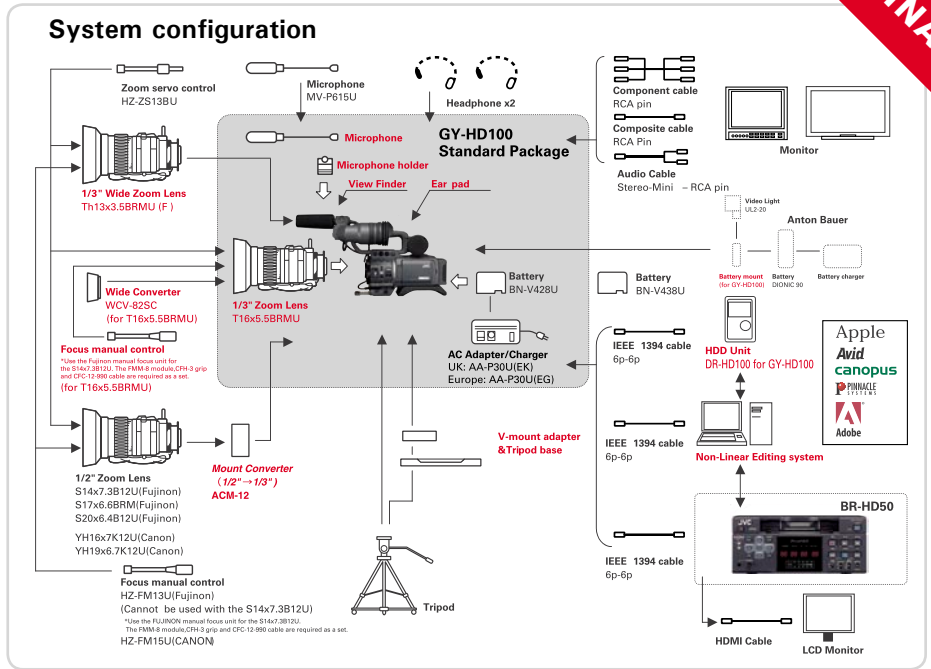
Analogue composite output: 1.0 V (p-p), 75 ohms, unbalanced (RCA) | Analogue component output: Y: 1.0 V (p-p), 75 ohms, unbalanced (RCA) | PB/PR: 0.7 V (p-p), 75 ohms, unbalanced (RCA) | Audio inputs: Mic: -60 dBs, 3 kohms, balanced (XLR), +48 V output for phantom power | Line: +4 dBs, 10 kohms, balanced (XLR) | Audio outputs: -6 dBs, low impedance, unbalanced (stereo mini-jack) | Earphone jack: -17 dBs to -60 dBs, 8-ohm impedance (stereo mini-jack x 2) | IEEE1394 connector: 6-pin

Accessories provided:

AC Adapter / Battery Charger AA-P30 | Battery BN-V428 x 1 | Zoom Lens T16x5.5BRM | Microphone MV-P619U & Mic Holder | Viewfinder 0.44"

*GY-HD100E: IEEE1394 output only

*GY-HD101E: IEEE1394 input/output



BR-HD50E HD Recorder/Player

- HDV™ format
- Multi-format output with cross-conversion function
- HD 50Hz / 60Hz compatibility
- Standard DV / Mini DV compatible cassette mechanism
- DVCAM™ Playback capability in SD mode
- Auto Error correction system
- Sweeper heads
- HDMI output
- RS-422A interface
- YC input / output and composite input / output
- Audio indicator
- High speed time code search & blank search
- Continuous loop recording

Specifications General

Power: DC 12V from 230V, 3.5 Amp AC adapter provided | Power consumption: Approx. 20 W | Dimensions (mm): 212 (W) x 88 (H) x 327 (D) | Weight: Approx. 3.9 kg | Temperatures: Operating: 5°C to 40°C | Storage: -20°C to 60°C | Humidity: Operating: 30% to 80% RH | Storage: 85% RH or less

Video

Recording formats: 720p/24, 720p/25, 720p/30, 576p/50, 576p/25, 576i/50.

Video Format:

HDV: Video signal recording format: HDV720p format, 8-bit, 19.7 Mbps | Compression: MPEG-2 video (profile & level: MP@H-14) | DV: Video signal recording format: DV format, 8-bit, 25 Mbps | Compression: DV format 4:2:0

Audio

HDV: Audio signal recording format: MPEG1 Audio Layer II | DV: Audio signal recording format: 16-bit (locked audio), 48 kHz PCM for 2 channels or 12-bit, 32 kHz PCM for 4 channels | Cassette types: Standard DV and Mini DV tape cassettes. | Tape speed: 18.8 mm/sec. | Record/play time: 276 minutes (with LA-DV276PRO tape), 63 minutes (with an M-DV63PROHD tape)

Connectors

Video

HDV: Video output: Analogue component: Y: 1.0 V (p-p), 75 ohms (BNC) | PB/PR: 0.7 V (p-p), 75 ohms (BNC) | DV: Video inputs: Analogue composite: 1.0 V (p-p), 75 ohms (BNC) | Analogue Y/C: Y: 1.0 V (p-p), 75 ohms | C: 0.286 V (NTSC)/0.3 V (PAL) (p-p), 75 ohms (4-pin) | Video outputs: Analogue composite: 1.0 V (p-p), 75 ohms (BNC) | Analogue Y/C: Y: 1.0 V (p-p), 75 ohms | 0.3 V (p-p), 75 ohms (4-pin) | Analogue component: Y: 1.0 V (p-p), 75 ohms (BNC) | PB/PR: 0.7 V (p-p), 75 ohms (BNC)

Audio

Audio inputs: Line: -8 dBs, 10 kohms, unbalanced (RCA) | Audio output: Line: -8 dBs, 1 k-ohm, unbalanced (RCA) | Headphones: - 8 to -15 dBs (8 ohms) (Stereo mini jack) | HDMI output: 19-pin | IEEE 1394 interface: 6-pin | RS-422 interface: D-sub 9-pin | Serial remote interface: Mini jack

Accessories provided:

AC adapter AA-G30 and AC cable.

The values for weight and dimensions are approximate. Design and specifications subject to change without notice.



Professional Systems company of Victor Company of Japan, Ltd. has received ISO14001 and ISO9001 Certifications under the global standard for environmental management.

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