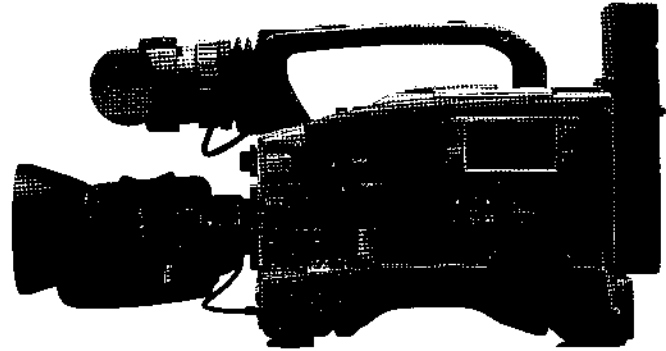


1/2" 3-CCD DV Camcorder System **PROFESSIONAL DV**

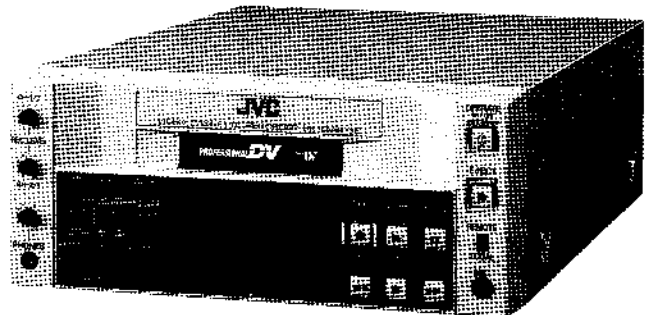
GY-DV500E and BR-DV600E VTR

Mini **DV** PAL

- Combining convenience and cost-effectiveness of MiniDV with professional performance and features
- 800 TV lines equivalent horizontal resolution from camera head
- 14-bit digital signal processing
- Up to 60 minutes of high-quality component digital images recorded on a single readily available and inexpensive MiniDV tape
- Very compact, lightweight design weighing only 5 kg (11 lbs.)
- Three 1/2" 440,000-pixel CCDs
- Advanced circuitry virtually eliminates vertical smear when shooting bright lights, as well as lag and image burn
- F1.4 prism optical system helps to yield F11 at 2000 lux
- Lolux mode captures high-quality video footage with excellent colour balance at just 0.75 lux illumination
- IEEE 1394 (DV) output for lossless digital video and audio transfers to any DV equipped device such as a non-linear editing system or DV recorder
- Basic controls are available via the DV connector or RS-232C port, make the GY-DV500E ideal as a spooler or player in an editing system
- Standard professional 1/2" bayonet lens mount, for the widest selection of lenses
- Outstanding digital PCM sound: Choose between two 16-bit 48-kHz channels or two 12-bit 32-kHz channels with a dynamic range of more than 85 dB
- Viewfinder displays various events, camera settings, recorder operation, and selected setup parameters
- Super Scene Finder (SSF) lets you log scenes automatically or manually in the field, and mark which scenes are good. This speeds up the transfer process and saves disk space, because now you can batch digitise only those scenes needed for editing. Scene data is written directly onto the MiniDV cassette, eliminating need for special higher priced cassettes. Up to 119 scenes can be marked per cassette
- Scene data from last 6 cassettes held in camcorder memory, allowing data to be downloaded via the RS-232C to a PC to create a log file or EDL file at a later time.
- Menu dial serves to quickly and easily navigate through viewfinder menu, as well as set shutter speed
- Full auto shooting for one-touch automatic operation
- Continuous auto black (CAB)
- Full auto white
- Automatic level control (ALC) for continuous automatic control of gain
- Back tally lamp for letting talent behind the camcorder know you are shooting
- Precision "Accu-focus" mode for easy, precise lens focusing
- Back-lit LCD display for VTR menu and status indications
- Tape/battery remaining indicator
- Variable scan view for shooting computer screens
- Sync lock mode for multi-camera shooting (genlock)
- Black stretch/compress for enhancing or suppressing shadow areas
- Adjustable gamma for adjusting the "feel" of the picture according to taste for light or dark detail
- Adjustable detail frequency for setting picture sharpness for a bolder or finer look
- EBU time code reader/generator
- Professional XLR Audio with phantom microphone power
- EBU type colour bars



GY-DV500E



BR-DV600E

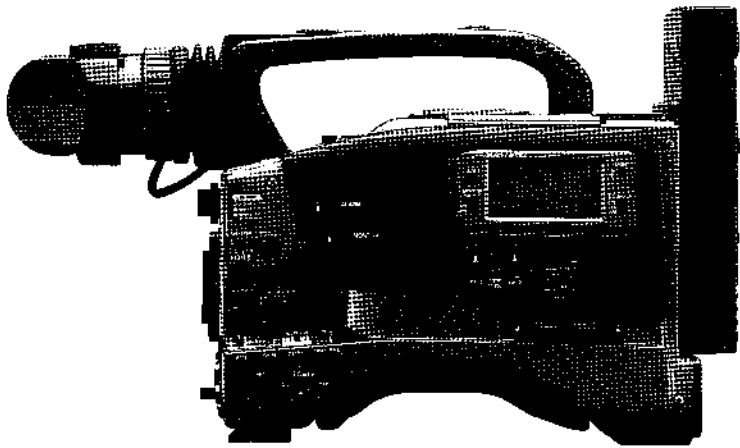
BR-DV600E professional DV VTR

- Ideal for interfacing with virtually any editing system — linear or non linear
- IEEE 1394 in and out allows direct computer/NLE connectivity
- Digitally spools directly to a non-linear editing platform and downloads directly back to video tape with no loss of quality
- Dubs tapes to and from other DV products, including GY-DV500E
- Both Y/C and component video out
- Controllable with standard edit controllers via either RS-422 or optional RS-232C connectors, or proprietary 12-pin JVC interface
- Super Scene Finder lets users log scenes, and mark which scenes are good

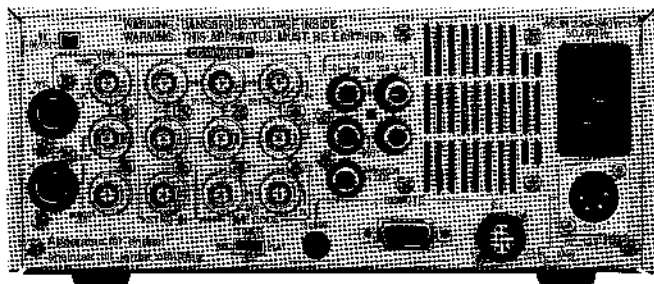
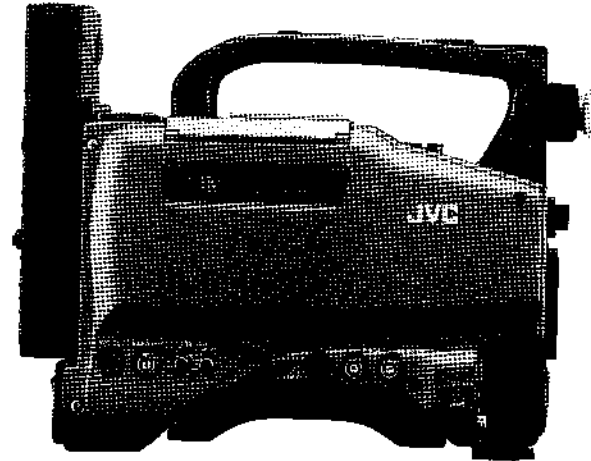
1/2" 3-CCD DV Camcorder System **PROFESSIONAL DV**

GY-DV500E and BR-DV600E VTR

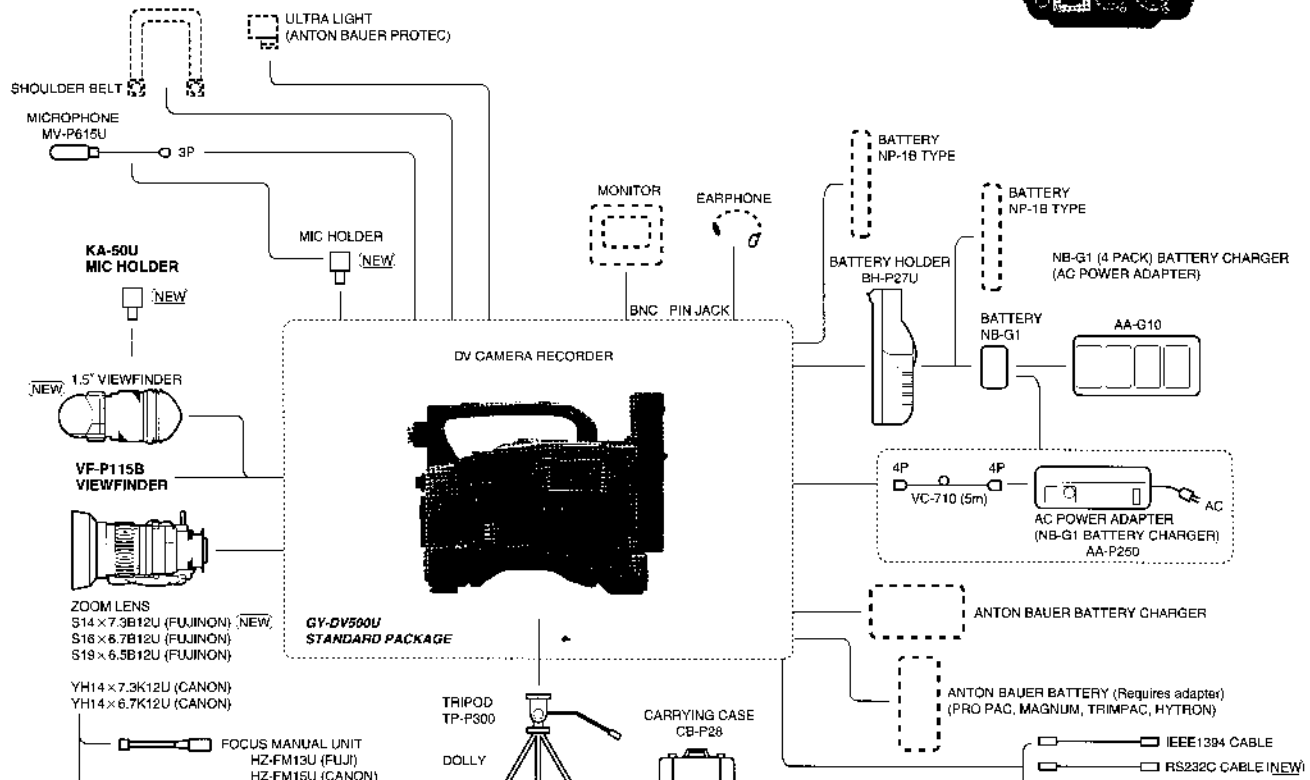
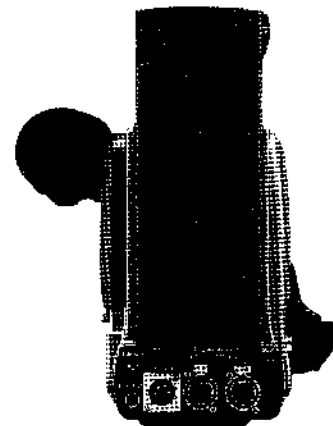
Mini **DV** PAL



GY-DV500E



BR-DV600E



GY-DV500E and BR-DV600E Specifications **PROFESSIONAL DV**

GY-DV500E

General	
Power requirements:	DC 10.5 V to 17 V
Power consumption:	Approx. 20 W
Dimensions:	275 (W) x 245 (H) x 130 (D) mm
Weight:	5 kg including viewfinder, battery, microphone and tape
Temperature:	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:	1/2" interline-transfer CCDs
Colour separation optical system:	F1.4, 3-colour separation prism
Number of effective pixels:	440,000 (752 (H) x 562 (V))
Resolution:	800 TVL performance
Colour system:	PAL (R-Y, B-Y encoder)
Colour bars:	EBU type
Sync system:	Internal sync, external sync (VBS)
Lens mount:	1/2" bayonet system
Optical filter:	3200K, 5600K, 5600K + 1/64ND
Sensitivity:	F11, 2000 lux
Gain:	-3, 0, 6, 9, 12, 18 dB, variable gain in ALC and LOLUX
Minimum illumination:	0.75 lux with F1.4, LOLUX
Registration:	0.05% or less (excluding lens distortion)
Detail correction:	Horizontal and vertical dual-edged
Electronic shutter variable range:	Standard value: 50 Hz Fixed values: 120, 250, 500, 1000, 2000 Hz Variable scan: 50.1 to 2067.8 Hz

VTR section	
Format:	DV format
Signal format:	PAL
Usable tape:	MiniDV tape
Tape speed:	18,831 mm/sec. (SP mode)
Record/play time:	60 minutes or more (with an MDV-60 tape)
FF/rewind time:	Within 120 sec. (with an MDV-60 tape)

[Video]	
Video signal recording format:	8-bit, 13.5 MHz, 4:2:0 component recording
S/N:	47 dB or more
Resolution:	500 TVL or more (monitor out)

[Audio]	
Audio signal recording format:	16-bit, 48 kHz or 12-bit, 32 kHz PCM for 2 channels
Frequency response:	20 Hz to 20 kHz (16-bit), 20 Hz to 14.5 kHz (12-bit)
S/N:	60 dB or more
Dynamic range:	85 dB or more

[Connectors]	
Video output:	1.0 Vp-p, 75 ohms (BNC) (composite video signal)
Y/C output:	Y/C signal, 4-pin, 75 ohms, unbalanced
Audio inputs (AUDIO 1, AUDIO 2):	MIC: -60 dBs, low impedance (XLR), balanced LINE: +4 dBs, 10 kohms, balanced
Line outputs (LINE 1, LINE 2):	-6 ± 1 dBs, low impedance (RCA), unbalanced
IEEE 1394 interface:	4-pin
RS-232C interface:	Mini DIN 6-pin

Included accessories:	Instruction manual Viewfinder Microphone with mount
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BR-DV600E

General	
Power requirements:	AC 220 - 240 V, 50/60 Hz, DC 12 V (11 V to 17 V)
Power consumption:	Approx. 27 W
Dimensions:	212 (W) x 88 (H) x 324.5 (D) mm
Weight:	Approx. 4 kg
Temperature:	Operating: 5°C to 40°C Storage: -20°C to 60°C
Humidity:	Operating: 30% to 80% RH Storage: 85% RH or less
Format:	DV format
Signal format:	PAL
Usable tape:	MiniDV tape
Tape width:	6.35 mm
Tape speed:	18,831 mm/sec. (SP mode)
Record/play time:	60 minutes (with an MDV-80 tape)
FF/rewind time:	Within 120 sec. (with an MDV-60 tape)

[Video]	
Video signal recording format:	8-bit, 13.5 MHz, 4:2:0 component recording
Sampling frequency:	Y: 13.5 MHz, R-Y/B-Y: 6.75 MHz
S/N:	47 dB or more
Video inputs	
Analogue composite:	1.0 Vp-p, 75 ohms
Analogue Y/C:	Y: 1.0 Vp-p, 75 ohms C: 0.3 Vp-p, 75 ohms
Analogue component:	Y: 1.0 Vp-p, 75 ohms R-Y/B-Y: 0.7 Vp-p, 75 ohms
External sync input:	0.3 Vp-p, 75 ohms
Video output	
Analogue composite:	1.0 Vp-p, 75 ohms
Analogue Y/C:	Y: 1.0 Vp-p, 75 ohms C: 0.3 Vp-p, 75 ohms
Analogue component:	Y: 1.0 Vp-p, 75 ohms R-Y/B-Y: 0.7 Vp-p, 75 ohms

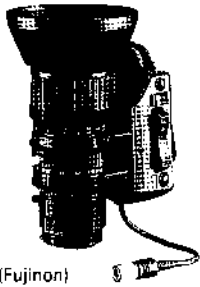
[Audio]	
Audio signal recording format:	16-bit, 48 kHz for four channels or 12-bit, 32 kHz PCM for 2 channels
Frequency response:	20 Hz to 20 kHz, +1.0/-5 dB (16 bits)
Dynamic range:	85 dB or more (PCM audio)
Audio input	Line: -6 dBs, high impedance, unbalanced Mic: -67 dBs, 600 ohms, unbalanced
Audio output	Line: -6 dBs, low impedance, unbalanced Monitor: -6 dBs, low impedance, unbalanced Headphone: -Infinity to -17 dBs, 8 ohms

[Time code]	
Input:	0 ± 6 dBs, high impedance, balanced
Output:	0 ± 3 dBs, low impedance, balanced

[Connectors]	
IEEE 1394 interface:	4-pin
RS-422 interface:	D-sub 9-pin
JVC bus connector:	DIN 12-pin
Included accessories:	Instruction manual x 1 AC cable x 1 Options RM-G30U remote control unit SA-K46U RS-232C interface board

GY-DV500E/BR-DV600E Optional Accessories **PROFESSIONAL DV**

S14 × 7.3B12U
14:1 Power Zoom Lens



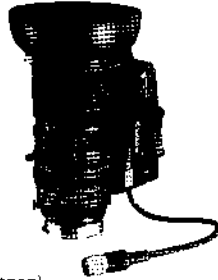
(Fujinon)

S19 × 6.5B12U
19:1 Power Zoom Lens



(Fujinon)

YH14 × 7.3KRS
14:1 Power Zoom Lens



(Canon)

YJ18 × 6.7K12U
18:1 Power Zoom Lens



(Canon)

HZ-ZS13BU
Zoom Servo/Record
Trigger Control Unit



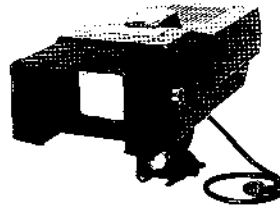
VF-P115BE
1.5" Viewfinder



VF-P116E
1.5" Viewfinder



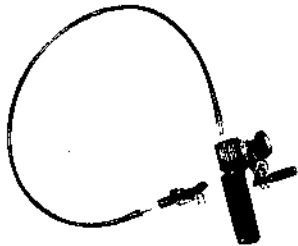
VF-P400E/KA-A40
4" Viewfinder/Viewfinder
adapter(required)



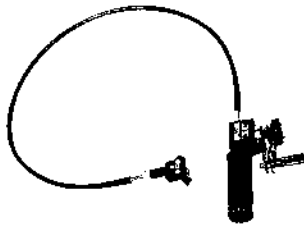
BH-P27U
Battery Holder for
NB-G1U or NP-1



HZ-FM13U
Focus Manual Control
for Fujinon Lens
(excluding S14 lens)



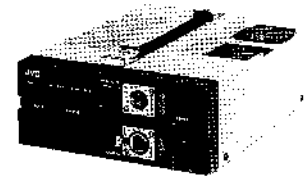
HZ-FM15U
Focus Manual Control
for Canon Lens



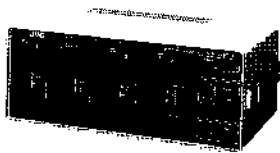
**NP-1 Type
Battery**
User supplied battery
(Battery holder provided)



AA-P250E
AC Power Adapter/
(Charger for NB-G1U)



AA-G10E
Battery Charger for
NB-G1U
AC Power Adapter



NB-G1U
Ni-Cd Battery (2.2Ah)



MDV-30 MEAE
30 minute tape



MDV-60 MEAE
60 minute tape



MDV-12CL
DV Cleaning tape



VC-P893U
RC-232C PC
Interface Cable



RM-LP55U
Camera
Remote
Control
Unit



MV-P615U
Microphone



KA-A50
Mic Holder

CB-500U
Carrying Case



RM-G30U
BR-DV600 VTR
Remote Control



SA-K46U
BR-DV600
RS-232C
Interface
Board

VC-P894U
RC-232C Mac
Interface Cable

