

# Editing Recorder


PROFESSIONAL **S**

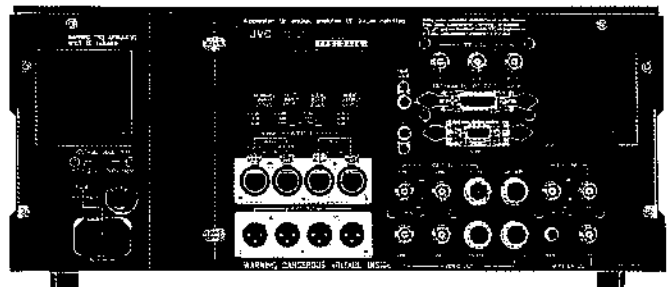
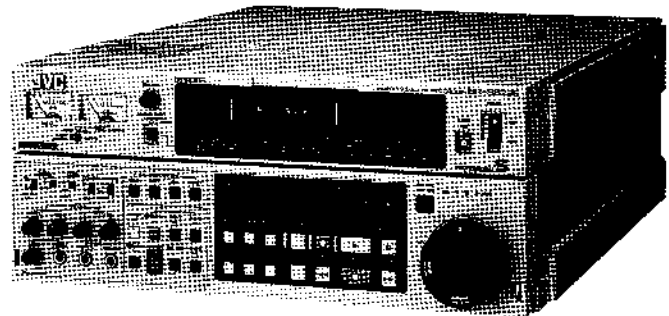
## BR-S822E

**S**VHS 625 VHS PAL

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- Full-size/compact-compatible cassette loading mechanism
- Max. 180 min. Recording/Playback capability
- Max. 32 times normal speed search capability (C cassette:  $\pm 14$  times normal speed)
- Open-ended system architecture with plug-in TC and TBC capability
- High-quality pictures\*: chroma enhancer, digital Y/C separator, digital luminance comb filter, and digital DOC
- Fully-equipped for high-performance professional editing
- Provided RS-422 remote control interface with swap control capability and optional RS-232C remote port/JVC 45-pin parallel port
- Tilttable control panel with Search/JOG dial
- Menu Display and On-Screen Mode Check
- Hi-Fi Stereo system with a dynamic range of more than 90 dB
- Two-channel normal audio with switchable Dolby B\* noise reduction
- Independent audio level controls for all four channels
- XLR balanced audio connectors
- 2 level meters switchable between Hi-Fi and Normal audio
- 8-Digit time counter for indication of editing data in either TC or CTL
- Reference video input with bridge-out
- Y-Frequency Response Control
- 3/4" dub output interface (SA-E92E option)
- Heavy-duty mechanism
- Front-access test points and self-diagnostic warning system
- Automatic head cleaning mechanism
- 9999-hour meter switchable from tape counter
- Headphones jack with adjustable level output
- 19-inch EIA rack mount capability

\* Technology licensed by FAROUJA Laboratories.  
 \* Employs chroma-enhancing technology co-developed by JVC and FAROUJA Laboratories and modified for S-VHS applications.  
 \* Dolby noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation. Dolby and the Double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.



Shown with optional Interface accessory

### GENERAL

Format: VHS PAL/S-VHS EUROPE standard  
 Power requirement: AC 110-120/220-240 V ~ 50/60 Hz  
 Power consumption: 100 watts (max. 130 watts with the Automatic Editing Control Unit, DC 12 V, 550 mA)  
 Dimensions: 429 (W) x 188 (H) x 565 (D) mm  
 Weight: 23 kg  
 Operating temperature: 5°C to 40°C  
 Storage temperature: -20°C to 60°C  
 Tape speed: 23.39 mm/sec.  
 Recording & Playback time: Max: 180 min. with JVC SE-180  
 Fast forward/Rewind time: Less than 2.5 min. for 180 min. tape  
 Search speed: Dial Search FWD/REW X  $\pm$  1/30 to X  $\pm$  32

### VIDEO

Recording and playback: Rotary two-head, helical scanning system  
 Luminance: FM recording  
 Colour signal: Phase shift, converted subcarrier direct recording

Video signal system: PAL-type colour signal/

### Input

Line: 1.0 Vp-p, 75 ohms, unbalanced  
 Y/C443 Y: 1.0 Vp-p, 75 ohms, unbalanced  
 C: 0.3 Vp-p, 75 ohms, unbalanced (Burst)

### Output

Line: 1.0 Vp-p, 75 ohms, unbalanced  
 Y/C443 Y: 1.0 Vp-p, 75 ohms, unbalanced  
 C: 0.3 Vp-p, 75 ohms, unbalanced (Burst)

Signal-to-noise ratio: More than 46 dB (S-VHS)

Horizontal resolution: More than 400 lines (S-VHS)  
 More than 250 lines (VHS)

Reference video input: 1.0 Vp-p, 75 ohms, unbalanced (with one loop-through, with the SA-T22E)

EXT. SYNC input: 0.5 to 4.0 Vp-p, 75 ohms, unbalanced (with one loop-through, without the SA-T22E)

### AUDIO

#### Input

Line: -6/0 + 4 dBs, 10 k-ohms/600 ohms, balanced (Hi-Fi/Normal)  
 Mic: -67 dBs, 10 k-ohms, unbalanced

#### Output

Line: 6/0/+ 4 dBs, Low impedance, balanced (Hi-Fi/Normal)  
 Monitor: -6 dBs, Low impedance, unbalanced  
 Phones:  $\infty$  to -17 dBs, 8 ohms

Signal-to-noise ratio: More than 42 dB (NR-off) (Normal)

Dynamic range: More than 87 dB (Hi-Fi)

Frequency response: 20 to 20,000 Hz (Hi-Fi)  
 40 to 12,000 Hz (Normal)

Wow and flutter: Less than 0.005% WRMS (Hi-Fi)  
 Less than 0.25% RMS (Normal)

#### Time Code

Input: 0 dB  $\pm$  6 dBs, 10 k-ohms  
 Output: 0 dB  $\pm$  3 dBs, Low impedance

### CONNECTORS

#### Video

Line input: BNC-type connectors  
 Line output: BNC-type connectors  
 Y/C443 input/output: 7-pin connectors  
 Monitor: BNC-type connector

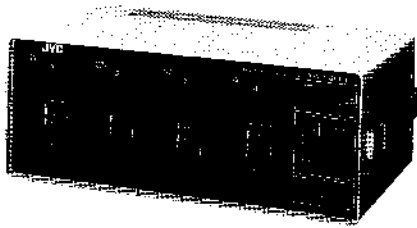
#### Audio

Hi-Fi input/output: XLR connectors  
 Normal input/output: XLR connectors  
 Monitor: RCA connector

Remote control: 9-pin connector

Accessory: 7-pin cable

# S-VHS Optional Accessories



**AA-G10E**  
AC adapter/battery charger  
Charges X4 NB-G1U battery packs



**NB-G1U**  
Rechargeable battery for BR-S422E/  
GY-X2BE/GY-X3E/BR-DV10E/BR-D40E and  
TM-600PN monitor (2.2 AH)



**RM-G30U**  
Remote control unit

## S-VHS CABLES



VC-G1050U



VC-G1035U



VC-G1025U



VC-G1015U



VC-G2050U



VC-G3030U



VC-G30U

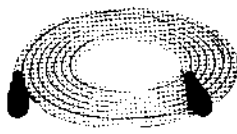


VC-G50U

## CONTROL CABLES



VC-G7050U



VC-G8030U

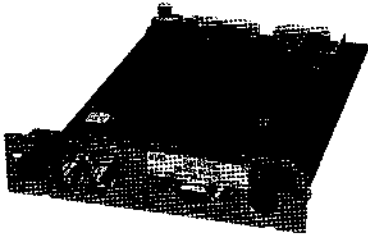


VC-G9050U

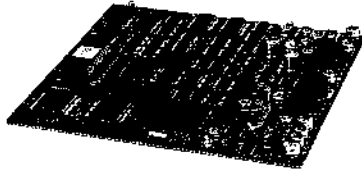
Model No.	Description	Length
VC-G1015U	7-pin male to 7-pin female (Y/C cable)	1.5 m (4.75 ft)
VC-G1025U		2.5 m (8 ft)
VC-G1035U		3.5 m (11 ft)
VC-G1050U		5.0 m (16 ft)
VC-G30U	4-pin S-connector to 4-pin S-connector (Y/C cable)	3.0 m (9.75 ft)
VC-G50U		5.0 m (16 ft)
VC-G2030U	7-pin male to 4-pin S-connector (Y/C cable)	3.0 m (9.75 ft)
VC-G2050U		5.0 m (16 ft)
VC-G3030U	4-pin S-connector to 7-pin female (Y/C cable)	3.0 m (9.75 ft)
<b>CONTROL CABLES</b>		
VC-G7050U	45-pin male to 45-pin female Remote control cable	5.0 m (16 ft)
VC-G8030U	12-pin to 12-pin connectors Extension cable	3m (9.75 ft)
VC-G9050U	9-pin male to 9-pin female Remote control cable	5.0 m (16 ft)

# S-VHS Optional Accessories

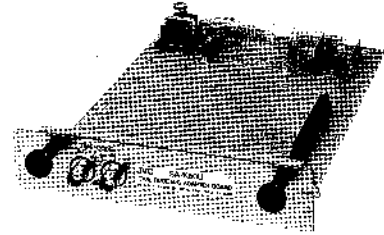
**S VHS** VHS  
PAL  
625



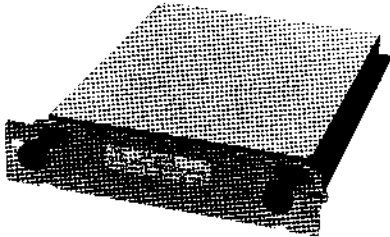
**SA-K26E**  
RS-422 Interface Board  
for BR-S800E series



**SA-R50E**  
EBU Time Code  
Generator/Reader Board  
for BR-S800E series



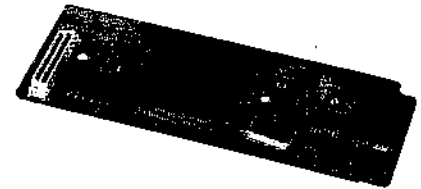
**SA-K50U**  
SA-R50U Adapter Board  
for BR-S800E series



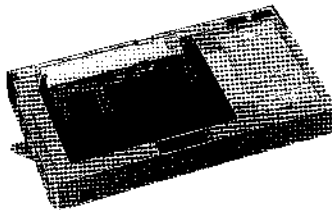
**SA-N50E**  
Digital Noise Reducer Board  
for BR-S800E series



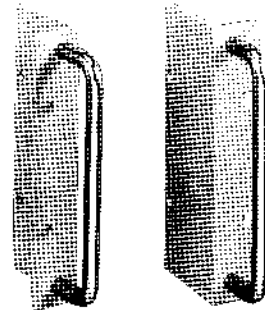
**RM-G77U**  
Serial Remote  
Controller for Duplicator  
Functions that can be controlled with the  
RM-G77U: PLAY/STOP/REC/FF/REW  
REC-PAUSE/PAUSE/EJECT/Hi-Fi ON/OFF



**SA-R200E**  
TC Generator  
for BR-S422E and GY-X2BE



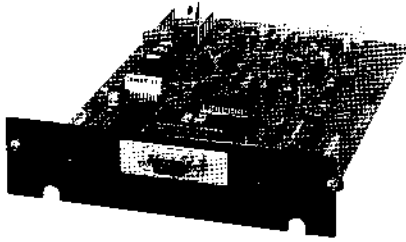
**SA-CP11U**  
Compact Cassette  
Adapter



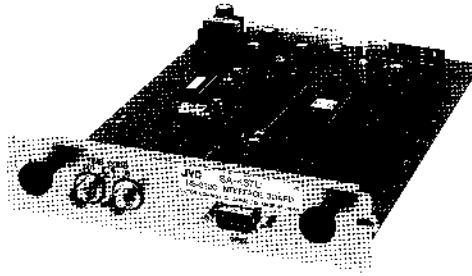
**SA-K65U**  
Rack Mount Kit  
for BR-S800E series & BR-S605EB

# S-VHS Optional Accessories

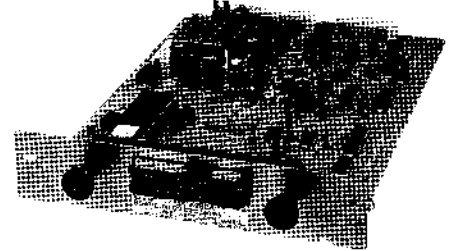
**S VHS** VHS  
625 PAL



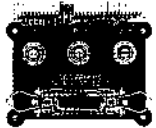
**SA-K27EA**  
**RS-232C Remote Board**  
for BR-S522E, BR-S622E,  
BR-S822E,  
BR-S800E, BR-S500E and  
BR-S605EB



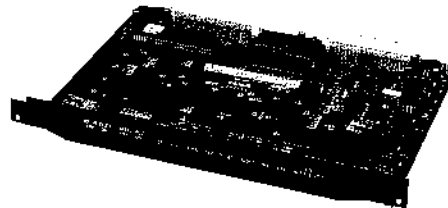
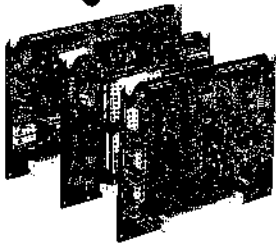
**SA-K37E**  
**RS-232C Control I/F Board**  
for BR-S522E, BR-S622E,  
BR-S822E and BR-S800E,  
BR-S500E



**SA-K28EA**  
**45-pin Remote Board**  
for BR-S522E, BR-S622E,  
BR-S822E, BR-S800E,  
BR-S500E and BR-S605EB



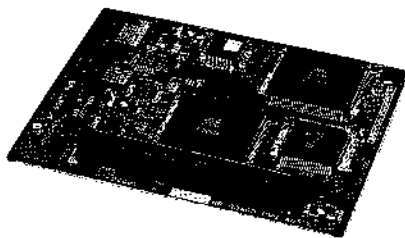
**SA-T22E**  
**TBC Board** for BR-S522E,  
BR-S622E and BR-S822E



**SA-R22E**  
**TC Generator/Reader**  
for BR-S522E, BR-S525E,  
BR-S622E and BR-S822E



**SA-K63UB (BEIGE)**  
**Rack Mount Kit** for BR-S522E,  
BR-S525E, BR-S622E and  
BR-S822E



**SA-N22W**  
**Digital Noise Reducer**  
for SA-T22E



**SA-E92E**  
**Y/C 924 Output Board**  
for BR-S522E, BR-S525E,  
BR-S622E and BR-S822E