

# Recorder/Player

PROFESSIONAL **S**

## BR-S622E

**S-VHS**  
625

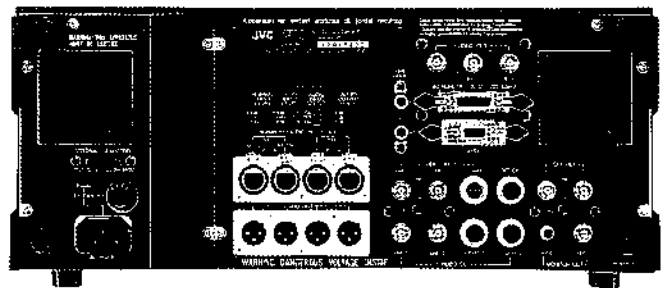
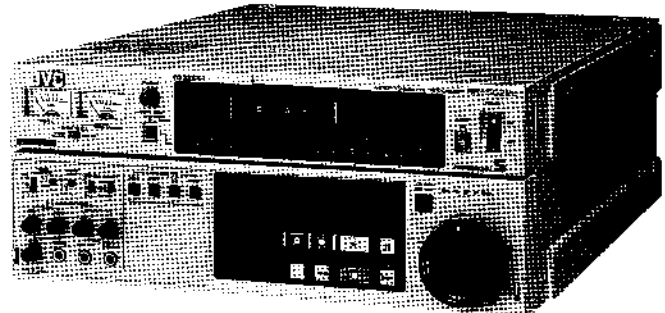
VHS  
PAL

**S-VHS**  
625

VHS  
PAL

- Full-size/compact-compatible cassette loading mechanism
- Maximum 180 min. recording/playback capability
- Max.  $\pm 32$  times normal speed search function (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
- Menu Display and On-Screen Mode Check
- Provided RS-422 serial remote interface and optional RS-232C serial and parallel 45-pin interface
- Tiltable control panel with Search/JOG dial
- 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 I/F board (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 **PAROLIA** Laboratories  
 \* Employs chroma-enhancing technology co-developed by JVC and **PAROLIA** 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<br>(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<br>$\times \pm 1/30$ to $\times \pm 32$ (Full Cassette)            |
| VIDEO                      |                                                                                        |
| Recording and playback:    | Rotary two-head, helical scanning system                                               |
| Luminance:                 | FM recording                                                                           |
| Colour signal:             | Phase shift, converted sub-carrier direct recording                                    |
| Video signal system:       | PAL-type colour signal/PAL-type Y/C signal                                             |

| Input                  | Line: 1.0 Vp-p, 75 ohms, unbalanced<br>Y/C443 Y: 1.0 Vp-p, 75 ohms, unbalanced<br>C: 0.3 Vp-p, 75 ohms, unbalanced (Burst)                     |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Output                 | Line: 1.0 Vp-p, 75 ohms, unbalanced<br>Y/C443 Y: 1.0 Vp-p, 75 ohms, unbalanced<br>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)<br>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, Low impedance, balanced (Hi-Fi/Normal)<br>Mic: -67 dBs, 10 k-ohms, unbalanced                                               |
| Output                 | Line: -6/0/+4 dBs, Low impedance, balanced (Hi-Fi/Normal)<br>Monitor: -8 dBs, Low impedance, unbalanced<br>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)<br>40 to 12,000 Hz (Normal)                                                                                        |
| Wow and flutter:    | Less than 0.005% WRMS (Hi-Fi)<br>Less than 0.25% RMS (Normal)                                                                              |
| Time code           | Input: 0 dB $\pm$ 6 dBs, 10 k-ohms<br>Output: 0 dB $\pm$ 3 dBs, Low impedance                                                              |
| CONNECTORS          |                                                                                                                                            |
| Video               | Line input: BNC-type connector<br>Line output: BNC-type connectors<br>Y/C443 input/output: 7-pin connectors<br>Monitor: BNC-type connector |
| Audio               | Hi-Fi input/output: XLR connectors<br>Normal input/output: XLR connectors<br>Monitor output: RCA PW connector                              |
| Remote control:     | 9-pin connector                                                                                                                            |

### SA-K63UB Rack Mount Adapter (option)



# 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

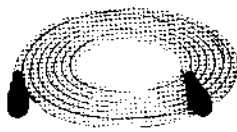


VC-G50U

## CONTROL CABLES



VC-G7050U



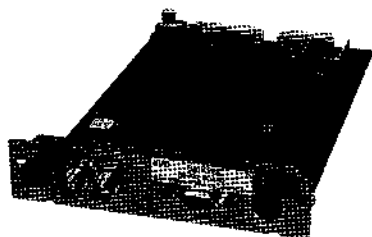
VC-G8030U



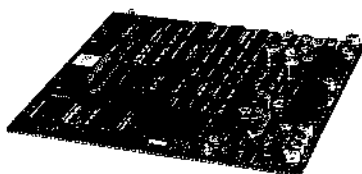
VC-G9050U

| 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)   |

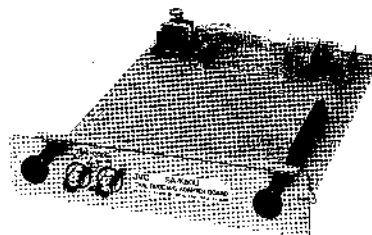
# S-VHS Optional Accessories



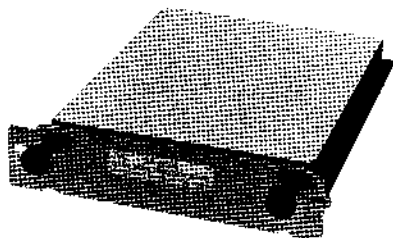
**SA-K26E**  
RS-422 Interface Board  
for BR-S800E series



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



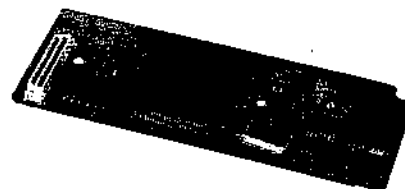
**SA-K50U**  
SA-R50U Adapter Board  
for BR-S800E series



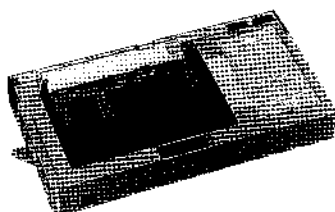
**SA-N50E**  
Digital Noise Reducer Board  
for BR-S800E series



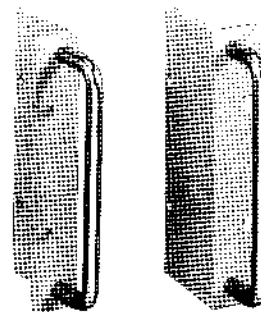
**RM-G77U**  
Serial Remote  
Controller for Duplicator  
Functions that can be controlled with the  
RM-G77U: PLAY/STOP/REC/FF/REW  
REC-PAUSE/PAUSE/EJECT/Hi-Fi ON/OFF



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

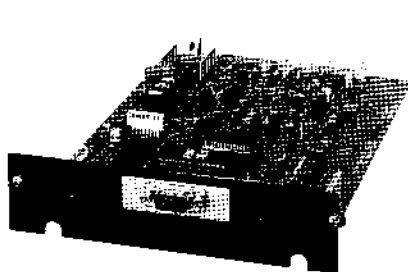


**SA-CP11U**  
Compact Cassette  
Adapter

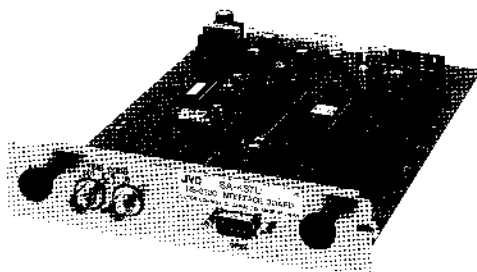


**SA-K65U**  
Rack Mount Kit  
for BR-S800E series & BR-S605EB

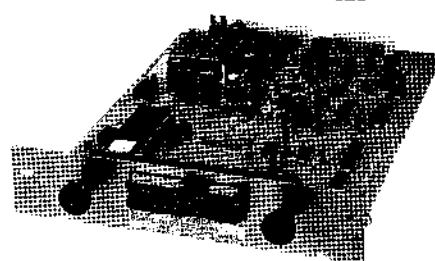
# S-VHS Optional Accessories



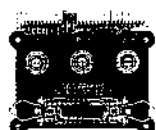
**SA-K27EA**  
**RS-232C Remote Board**  
for BR-S522E, BR-S622E,  
BR-S822E,  
BR-S800E, BR-S500E and  
BR-S605EB



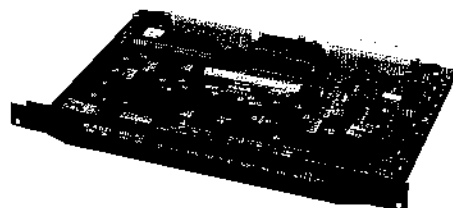
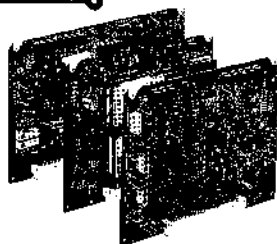
**SA-K37E**  
**RS-232C Control I/F Board**  
for BR-S522E, BR-S622E,  
BR-S822E and BR-S800E,  
BR-S500E



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



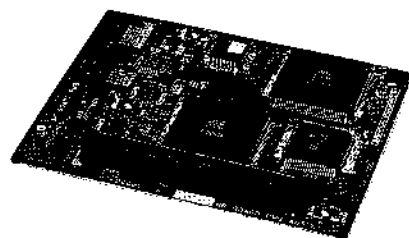
**SA-T22E**  
**TBC Board** for BR-S522E,  
BR-S622E and BR-S822E



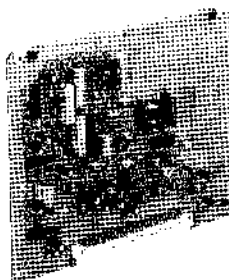
**SA-R22E**  
**TC Generator/Reader**  
for BR-S522E, BR-S525E,  
BR-S622E and BR-S822E



**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