


BR-S800E/BR-S500E

SVHS VHS
625 PAL

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- S-VHS recorder with editing recorder capability (BR-S800E) and S-VHS player with editing feeder capability
- High quality pictures by digital Y/C separator (BR-S800E)
- Open-ended system architecture with plug-in TC, DNR, RS-232C I/F and RS-422A I/F capability
- Menu Display and On-screen mode check
- ±33 times normal speed search system with search dial
- Hi-Fi Stereo system with a dynamic range of more than 85 dB
- Two-channel normal audio with switchable Dolby B* noise reduction
- Two level meters switchable between Hi-Fi audio and normal audio
- Independent audio record level controls for four channels (BR-S800E)
- Six-Digit time counter for indication of either CTL Time-code and CTL data
- Provided CTL time-code generator/reader (BR-S800E)
- Provided CTL time-code reader (BR-S500E)
- Audio dubbing capability (BR-S800E)
- External timer playback/recording capability (BR-S800E)
- Automatic repeat playback and counter search capability
- Headphones jack with adjustable level output.
- External sync capability
- Wired remote control capability (RM-G30U)
- Automatic head cleaning mechanism
- Audio monitor output
- Two composite video signal outputs
- Heavy-duty mechanism.
- 19-inch EIA rack mount capability (4-unit)

- * A Y/C filtering technique incorporated under license from **FAROUDJA** Laboratories Inc.
- * 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.

Recorder
BR-S800E



Player
BR-S500E



GENERAL

Format:	VHS/S-VHS Europe standard
Power requirement:	AC 220 -240 V ~, 50/60 Hz
Power consumption:	49W (59W when using RM-G800U and BR-S800E) 44W (54W when using RM-G800U and BR-S500E)
Dimensions:	430 (W) × 130 (H) × 460 (D) mm
Weight:	11.5 kg
Operating temperature:	+5°C to 40°C
Storage temperature:	-20°C ~ 60°C
Operating humidity:	30% to 80%
Tape speed:	23.39 mm/sec
Recording/Playback time:	Max. 120 min. (SP mode) (BR-S800E) Max. 360 min. (LP mode/PB only) with SE-180/E-180
FF/REW time:	2.5 min. with SE-180/E-180
Search speed:	Dial search FWD/REV ±1/30 to × 33

VIDEO

Recording & playback:	Rotary four-head, helical scan system (BR-S800E)
Luminance:	FM Recording
Chrominance:	Phase shift, converted sub-carrier direct recording
Video signal system:	PAL-type colour signal/ PAL-type Y/C signal
Input (BR-S800E)	
Line:	0.5 to 2.0 Vp-p, 75 ohms, unbalanced
Y/C443 (4-pin):	Y: 0.5 to 2.0 Vp-pm 75 ohms, unbalanced C: 0.3 Vp-p, 75 ohms, unbalanced (Burst)
Output	
Line:	1.0 Vp-p, 75ohms, unbalanced
Y/C443 (4-pin):	Y: 1.0 Vp-p, 75 ohms, unbalanced C: 0.3 Vp-p, 75 ohms, unbalanced (Burst)
Signal to noise ratio:	More than 45 dB (S-VHS SP) More than 45 dB (VHS SP)

Horizontal resolution:	More than 400 lines (S-VHS-SP) More than 240 lines (VHS SP)
External sync input:	0.5 to 4.0 Vp-p, 75 ohms, unbalanced
AUDIO	
Input (BR-S800E)	
Line:	-6 dB, 10 kohms, unbalanced
Mic:	-67 dB, 3 kohms, unbalanced
Output	
Line:	-6 dB, 1 kohms, unbalanced
Monitor:	-6 dB, 1 kohms, unbalanced
Headphones:	-∞ to -20 dB, 8 ohms, unbalanced
Signal to noise ratio:	40 dB (NR:OFF/SP mode)
Dynamic range:	85 dB (Hi-Fi)
Frequency response:	50 to 10,000 Hz (Normal) 20 to 20,000 Hz (Hi-Fi)
Wow and flutter:	Less than 0.25% RMS (Normal) Less than 0.006% (Hi-Fi)