S-VHS Editing Recorder and Feeder/Player

BR-S800U/BR-S500U

- S-VHS recorder with editing recorder capability (BR-S800U) and S-VHS player with editing feeder capability
- Economical A/B Roll editing with RM-G805U and cuts editing with RM-G800U
- High performance by digital Y/C separator (BR-S800U)
- 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-S800U)
- Six-Digit time counter for indication of either CTL Time-code and CTL data
- Provided CTL time-code generator/reader (BR-S800U)
- Provided CTL time-code reader (BR-S500U)
- Automatic repeat playback and counter search capability
- Headphones jack with adjustable level output
- External timer playback/recording capability (BR-S800U)
- 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 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.

**GENERAL**

Format: VHS/S-VHS NTSC standard
Power requirements: AC 120 V~, 50/60 Hz
Power consumption: 46W (55W when using RM-G805U) (BR-S800U)
40W (49W when using RM-G800U) (BR-S500U)
Dimensions: 430(W) × 130(H) × 460(D) mm (16-15/16" × 5-1/8" × 18-1/8")
Weight: 11.5 kg (25.4 lbs.)
Operating temperature: +5°C to 40°C (41°F to 104°F)
Storage temperature: -20°C ~ 60°C (-4°F to 140°F)
Operating humidity: 30% to 80%
Tape speed: 33.35 mm/sec
Recording/Playback time: Max. 120 min. (SP mode)
Max. 360 min. (EP mode/PB only) with ST-120/T-120
FF/REW time: 2.5 min. with ST-120/T-120
Search speed: Dial search FWD/REV ± 1/30 to 33

**VIDEO**

Recording & playback: Rotary four-head, helical scan system
Luminance: FM Recording
Chrominance: Phase shift, converted sub-carrier direct recording
Video signal system: NTSC-type color signal/NTSC-type Y/C signal
Input (BR-S800U)
Line: 0.5 to 2.0 Vp-p, 75 ohms, unbalanced
Y: 0.5 to 2.0 Vp-pm 75 ohms, unbalanced
C: 0.286 Vp-p, 75 ohms, unbalanced (Burst)
Output (BR-S800U)
Line: 1.0 Vp-p, 75ohms, unbalanced
Y: 1.0 Vp-p, 75 ohms, unbalanced
C: 0.286 Vp-p, 75 ohms, unbalanced (Burst)
Signal to noise ratio: More than 46 dB (S-VHS SP)
More than 45 dB (VHS SP)

**AUDIO**

Input (BR-S800U)
Line: 0 to 20 dB, 75 ohms, balanced
Mic: -10 dB, 75 ohms, balanced
Output (BR-S800U)
Line: 6 dB, 1 kohm, unbalanced
Headphones: 6 dB, 3 kohms, unbalanced
Signal to noise ratio: 40 dB (NR OFF/SP mode)
Dynamic range: 85 dB (Hi-Fi)
Frequency response: 50 to 20,000 Hz (Normal)
20 to 20,000 Hz (Hi-Fi)
Wow and flutter: Less than 0.25% RMS (Normal)
Less than 0.006% (Hi-Fi)

All model numbers, specifications and prices are subject to change without notice.