

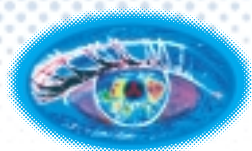
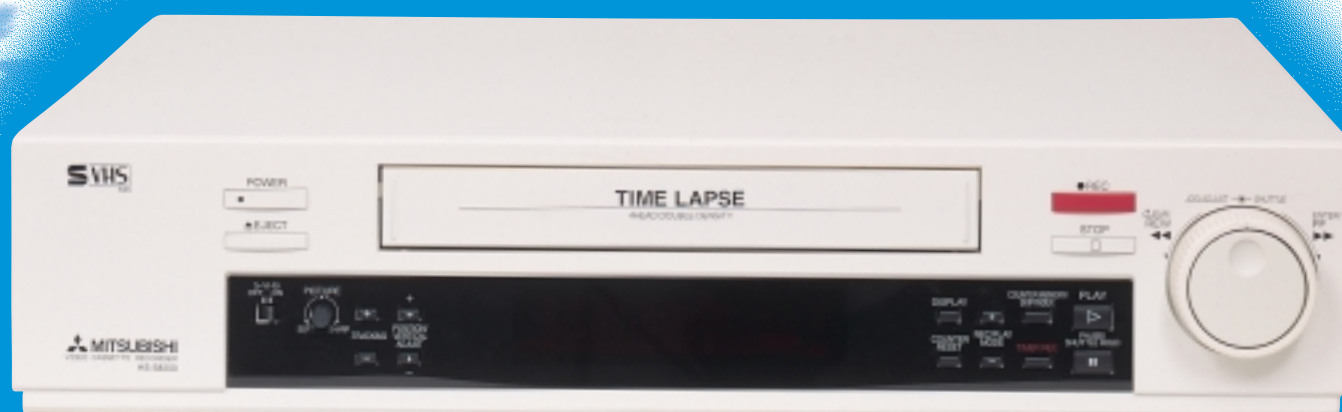
HS-S8300E(BRS)

960 hour

security  
analogue

S-VHS time lapse

video cassette recorder



visual

information

technology

The HS-S8300E(BRS) offers S-VHS quality recording for use in many time-lapse and continuous applications including industrial, educational, and studio recording.

**Flexible recording** - Continuous or time-lapse drive operation, with variable recording interval and number of fields, provides up to 960 hours recording time.

**Flexible operation** - Wide range of alarm modes, with easy cueing and alarm search. Recording options include daily, weekly, repeat or alarm.

**Reliability built in** - Recording integrity check. Automatic head cleaning. Power fail protection and recovery. Digital elapsed tape display and tape use counter. Battery back-up.

**Ease of use** - Jog/shuttle control with on-screen menus for easy programming, set up and operation. Tape remain indicator and fully controlled playback features (also via optional remote control). Built in RS-232C interface.

**Timer facilities** - Full programme lock. Timed and manual alarm recording. Flexible eight position timer and auto repeat record.

**Easy search and view facilities** - Search by time/date, alarm, as well as standard index and skip search.

## FEATURES

- Multiple Recording Speed Options.
- High Resolution and Image Quality.
- Easy Set Up, On Screen Display, User Friendly.
- Tape Remain Indicator.
- Time Date Search.
- Jog Shuttle
- Special Playback Features.
- Video Head Cleaner.
- Power Failure Protection.
- Digital Elapsed Time Display.
- Tape Use Counter.
- Easy Cueing of Alarm Recording.
- Recording Check Function.
- Multiple Recording Options.

## SPECIFICATION

TAPE FORMAT	S-VHS/VHS 1/2" wide high density video cassette tape	
INPUT VOLTAGE RANGE	AC 100-230V 50/60 Hz	
POWER CONSUMPTION	Approx 20 Watts	
TELEVISION SYSTEM	625 Lines 50 fields PAL type colour signal	
VIDEO RECORDING SYSTEM	4 rotary heads, azimuth helical scanning system	
LUMINANCE SIGNAL	Frequency Modulation recording	
COLOUR SIGNAL	Low frequency conversion, sub-carrier phase-shift recording	
AUDIO TRACK	One track	
FAST FORWARD/REWIND TIME	Approx 140 seconds with E180 cassette	
HEADS	Video	Four rotary single crystal heads
	Audio Control	Stationary head
	Erase	One full-track head
MOTORS	Three motors (drum/capstan/loading) direct drive	
VIDEO INPUT	1.0Vp-p, 75Ω S-Connector (Y signal) and BNC plug 0.3Vp-p, 75Ω S-Connector (C signal)	
AUDIO INPUT	-8dBs, 50KΩ unbalanced RCA plug	
VIDEO OUTPUT	1.0Vp-p, 75Ω S-Connector (Y signal) and BNC plug 0.3Vp-p, 75Ω S-Connector (C signal)	
AUDIO OUTPUT	-6dBs, 50KΩ unbalanced RCA plug	
AUDIO FREQUENCY RESPONSE	70Hz-7000Hz (3H mode)	
SIGNAL TO NOISE RATIO	Video	better than 42dB
	Audio	better than 43dB
HORIZONTAL RESOLUTION	S-VHS	more than 400 lines
	VHS	more than 240 lines
ALARM RECORDING TIME	Timed	15s, 30s, 45s, 1m, 2m, 5m, 10m
	Manual	MAN 1 - until the alarm reset switch is set on MAN 2 - until the alarm set switch is turned off
DISPLAY FORMAT	(month) - (day) - (year) - (day of the week) (hour) : (minute) : (second) : (recording mode) or (month) - (day) - (year) (hour) : (minute) : (second)	
DISPLAY POSITION	In any position	
TIMER PROGRAMME	Daily start and stop time for one week	
BATTERY BACKUP	Lasts for more than 31 days when fully charged	
ELAPSED TIME INDICATOR	To a maximum of 89,999 hours	

NOTICE: Weights and dimensions shown are approximate. Design and specifications are subject to change without notice.

## RECORD TIME

MODE	TIME	SPEED	RECORDING INTERVAL	NUMBER OF FIELDS	DRIVE
3H	3 hours	23.39 mm/sec	20 ms/field	50 field/sec	Continuous
L12H	15 hours	4.68 mm/sec	100 ms/field	10 field/sec	Continuous
L24H	27 hours	2.6 mm/sec	180 ms/field	5.5 field/sec	Continuous
48H	51 hours	-	340 ms/field	2.9 field/sec	Time Lapse
72H	75 hours	-	500 ms/field	2.0 field/sec	Time Lapse
96H	99 hours	-	660 ms/field	1.5 field/sec	Time Lapse
120H	126 hours	-	820 ms/field	1.2 field/sec	Time Lapse
168H	171 hours	-	1.14 sec/field	0.88 field/sec	Time Lapse
240H	243 hours	-	1.62 sec/field	0.62 field/sec	Time Lapse
360H	363 hours	-	2.42 sec/field	0.41 field/sec	Time Lapse
480H	483 hours	-	3.22 sec/field	0.31 field/sec	Time Lapse
720H	723 hours	-	4.82 sec/field	0.21 field/sec	Time Lapse
960H	960 hours	-	6.42 sec/field	0.16 field/sec	Time Lapse

