

General	Recorder BR-D92U	Player BR-D52U	Recorder BR-D85U/UNS	Recorder BR-D80U	D-9/S-VHS Player BR-D51U*	Player BR-D50U
Rec/PB time	124 min (D-S124)		←	←	←	←
FF/Rew time	3 min (DS-104)		←	←	←	←
Picture search	±32 x visible picture (remote required)					
Slow motion	±1/3 x with full picture quality					
Tape	1/2 inch metal particle					
Tape speed	57.737 mm/s					
Tracks (video / audio)	10 per frame					
Track pitch	20 nanometer					
Control track	1	←	←	←	←	←
Audio cue tracks	2	←	←	←	←	←
Head drum diameter	62 mm					
Head rotation	4500 rpm					
Dimensions	W x H x D 16-15/16" x 7-7/16" x 22-3/8" (429 mm x 188 mm x 567mm)					
Weight	55.1 lbs. (25 kg)	52.9 lbs. (24 kg)	50.7 lbs. (23 kg)	50.7 lbs. (23 kg)	50.7 lbs. (23 kg)	48.5 lbs. (22 kg)
Power consumption	180 W	160 W	180 W	180 W	180 W	160 W
Power requirements	AC 120 V~, 60 Hz					
Temperature	Operating	41 to 104°F (5 to 40°C)				
	Storage	-4 to 140°F (-20 to 60°C)				
Humidity	30% to 80%					

Video		Recorder BR-D92U	Player BR-D52U	Recorder BR-D85U/UNS	Recorder BR-D80U	D-9/S-VHS Player BR-D51U*	Player BR-D50U
Sampling	Y	4:2:2 8-bit		←	←	←	←
	R-Y/B-Y	13.5 MHz		←	←	←	←
		6.75 MHz		←	←	←	←
Compression	3.3:1 DCT based intraframe coding						←
Data rate	50 Mbps		←	←	←	←	
Frequency response (SDI in, analog out)	Y	0 to 5.75 MHz, +0.5 / -2.0 dB (analog out)		0 to 4.5 MHz, +1.0 / -2.0 dB (analog out)	←	←	
	R-Y/B-Y	0 to 2 MHz, +/-1.0 dB		←	←	←	
S/N (SDI in analog out)	55 dB		←	←	←	←	
K factor	2%		←	←	←	←	
Pre-read window	5 H	-	2 H	-	-	-	
SDI I/O (unbalanced)	option w/ embeded audio		Standard/op.	option	option	option	
Analog I/O (75 ohms unbalanced)	Composite	1 Vp-p (out)		←	←	← (out)	← (out)
	Y/C:	Not available	Not available	Y: 1 Vp-p, C: 0.286 Vp-p (Burst)	←	← (out)	← (out)
	Component	Y: 1 Vp-p (out)		←	←	← (out)	← (out)
	Reference	R-Y / B-Y: 0.7 Vp-p		←	←	←	←
	0.45 Vp-p (loop)		←	←	←	←	

Video Control Adjustment range		Recorder BR-D92U	Player BR-D52U	Recorder BR-D85U/UNS	Recorder BR-D80U	D-9/S-VHS Player BR-D51U*	Player BR-D50U
System sync phase	±3 nanoseconds or more						←
System SC phase	360 degrees or more						←
Video phase	±1.0 nanoseconds or more						←
Video level	±3 dB or more		±3 dB or more (remote required)		←	←	
Chroma level	±3 dB or more		±3 dB or more (remote required)		←	←	
Chroma phase	±30 degrees or more		±30 degrees or more (remote required)		←	←	
Setup level	0 mV or less to 100 mV		0 mV or less to 100 mV or more (remote required)		←	←	

Audio		Recorder BR-D92U	Player BR-D52U	Recorder BR-D85U/UNS	Recorder BR-D80U	D-9/S-VHS Player BR-D51U*	Player BR-D50U
System	4 ch PCM, 48 kHz, 16 bit		2 ch PCM, 48 kHz, 16 bit		←	←	
Frequency response	20 to 20,000 Hz +1/-1.5 dB						
Dynamic range	Less than 85 dB (at 1 kHz)						
Distortion	Less than 0.1% (1 kHz at operation level)						
Crosstalk	Less than 75 dB (at 1 kHz)						
Headroom	20 dB						
Emphasis	Automatic switching in play						
Wow and flutter	Below measurable level						
SDI I/O	option (embedded)	option (embedded)	option	option	option	option	
Analog input	Line: -6 / +4 dB high impedance balanced						
Analog output	Line: -6 / +4 dB low impedance balanced						
Monitor	-6 dB low impedance balanced						
Headphones	Infinity to -17 dBs, 8 ohms						

\* D-9 specifications only.

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