

General		BR-D750U	BR-D350U
Rec/PB time		124 min (DS-124)	←
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		50.7 lbs. (23 kg)	48.5 lbs. (22 kg)
Power consumption		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			
Sampling		4:2:2 8-bit	←
	Y	13.5 MHz	←
	R-Y/B-Y	6.75 MHz	←
Compression		3.3:1 DCT based intraframe coding	
Data rate		50 Mbps	
Frequency response (SDI in, analog out)	Y	0 to 4.5 MHz, +1.0 / -2.0 dB	
	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		-	
SDI I/O (unbalanced)		Option	
Analog I/O (75 ohms unbalanced)	Composite	1 Vp-p	
	Y/C:	Y: 1 Vp-p, C: 0.286 Vp-p (Burst)	
	Component	Y: 1 Vp-p R-Y / B-Y: 0.7 Vp-p	
	Reference	0.45 Vp-p (loop)	

Video Control Adjustment range		
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 (remote required)	
Chroma level	±3 dB or more (remote required)	
Chroma phase	±30 degrees or more (remote required)	
Setup level	0 mV or less to 100 mV or more (remote required)	

Audio		
System	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	
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	