

# Specifications



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General		Recorder BR-D750E	Player BR-D350E
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)		12 per frame	←
Track pitch		20 nanometer	←
Control track		1	←
Audio cue tracks		2	←
Head drum diameter		62 mm	←
Head rotation		4500 rpm	←
Dimensions		429 (W) x 188 (H) x 567 (D) mm (16-15/16" x 7-7/16" x 22-3/8")	
Weight		23 kg (50.7 lbs)	22 kg (48.5 lbs.)
Power consumption		180 W	160 W
Power requirement		AC 220 to 240 V 50/60 Hz	
Temp	Operating	5°C to 40°C (41°F to 104°F)	←
	Storage		
Humidity		30% to 80%	←

Sampling		4:2:2 8-bit	←
		13.5 MHz	←
		6.75 MHz	←
Compression		3.3:1 DCT based intraframe coding	←
Data rate		50 Mbps	←
Frequency response (SDI in, analogue 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 analogue out)		55 dB	←
SDI I/O (unbalanced)		Option	←
Analogue I/O (75 ohms un-balanced balanced)	Composite	1 Vp-p	←
		Y: 1 Vp-p, C: 0.3 Vp-p (Burst)	←
	Component	Y: 1 Vp-p	← (out)
		R-Y / B-Y: 0.7Vp-p	← (out)
	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)	←
Setup level	0 mV or less to 100 mV or more (remote required)	←

## Audio

System	2ch 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	←
Analogue input	Line: -6 / 0 / +4 dB high impedance balanced	←
Analogue output	Line: -6 / 0 / +4 dB low impedance balanced	←
Monitor	-6 dB low impedance balanced	←
Headphones	Infinity to -17 dBs, 8 ohms	←