

22 Series Specifications



60

General		Recorder BR-S822DXU	Recorder BR-S622DXU	Dynamic Tracking Player BR-S525DXU	Player BR-S522DXU
Rec/PB time		120 min (T-120)	←	←	←
FF/Rew time		2.5 min (T-120)	←	←	←
Picture search		± 1/30 x to 32 x visible picture	←	←	←
Slow/Fast motion		-	-	-2x to still to +3x with full picture quality	-
Tape		1/2 inch S-VHS or VHS	←	←	←
Tape speed		33.35 mm/s	←	←	←
Head drum diameter		62mm	←	←	←
Dimensions		W x H x D 16-3/4 x 7-1/2" x 22-1/4" (429 mm x 188 mm x 565mm)			
Weight		50.7 lbs (23 kg)	50.7 lbs (23 kg)	50.7 lbs (23 kg)	50.7 lbs (23 kg)
Power consumption		92 W	120 W	110 W	105 W
Power requirements		AC 120V ~, 50-60 Hz		←	←
Temp	Operating	41 to 104°F (5 to 40°C)		←	←
	Storage	-4 to 140°F (-20 to 60°C)		←	←

Video

Recording and playback		Rotary two head, helical scanning system			←
	Luminance	FM recording	←	←	←
	Color	Phase shift, converted subcarrier direct recording	←	←	←
Video signal system		NTSC type color and Y/C signal			←
S/N		More than 47dB (S-VHS)/More than 46dB (VHS)			←
Horizontal resolution		More than 400 lines (S-VHS) More than 240 lines (VHS)			←
Analog I/O (75 ohms unbalanced)	Composite	1 Vp-p	←	← (out)	← (out)
	Y/C:	Y: 1 Vp-p, C: 0.286 Vp-p (Burst)	←	←	←
	Component (option)	Y: 1 Vp-p R-Y / B-Y: 0.7 Vp-p	(standard)	← (out)	← (out)
	Reference	0.45Vp-p (loop)	←	←	←

Audio

System		FM Hi-Fi, normal			
Frequency response		20 to 20,000 Hz (Hi-Fi) 40 to 12,000 Hz (normal)			←
Dynamic range		>90 dB (Hi-Fi)			←
S/N		More than 44 dB (NR-off)			←
Wow and flutter		<0.005% WRMS (Hi-Fi) <0.25% RMS (normal)			←
Input	Line:	-6/0/+4 dBs, 10 kohms/ 600 ohms, balanced			-
	Mic:	-67 dBs, 10 kohms, unbalanced			-
Output	Line:	-6/0/+4 dBs, 10 kohms/ 600 ohms, balanced			←
	Monitor:	-6 dBs, low impedance, unbalanced			←
	Phones:	Infinity to -17 dBs, 8 ohms			←

Time Code

Input		0 dB ±6 dBs, 10 kohms	-	-
Output		0 dB +3 dBs, low impedance	←	←

Connectors

Video	Line I/O	BNC	←	←	←
	Y/C I/O	7 pin	←	←	←
	Component out	BNC x 3 (option)	BNC x 3 (standard)	←	←
	Monitor out	BNC	←	←	←
Audio	Hi-Fi I/O	XLR	←	←	←
	Normal I/O	XLR	←	←	←
	Monitor out	RCA	←	←	←
Remote control		9-pin	←	←	←