

BR-HD50 Specifications

General		
Power requirements		DC 12 V (from provided 12 V, 3.5 A AC adapter)
Power consumption		Approx. 20 W
Dimensions		8-3/8" (W) x 3-1/2" (H) x 12-7/8" (D)/212 (W) x 88 (H) x 327 (D) mm
Weight		Approx. 8.6 lbs./3.9 kg
Temperature	Operating	41°F to 104°F/5°C to 40°C
	Storage	-4°F to 140°F/-20°C to 60°C
Humidity	Operating	30% to 80% RH
	Storage	85% RH or less

Video		
Recording format	NTSC	720/24p, 720/25p, 720/30p, 576/50p, 480/60p, 480/24p, 480/60i
	PAL	720/24p, 720/25p, 720/30p, 576/50p, 480/60p, 576/25p, 576/50i
HDV		
Video signal recording format		HDV720p format, 8-bit, 19.7 Mbps
Compression		MPEG-2 video (profile & level: MP@H-14)
DV		
Video signal recording format		DV format, 8-bit, 25 Mbps
Compression		DV format, 4:1:1 (NTSC)/4:2:0 (PAL)

Audio	
HDV	
Audio signal recording format	MPEG1 Audio Layer II
DV	
Audio signal recording format	16-bit (locked audio), 48 kHz PCM for 2 channels or 12-bit, 32 kHz PCM for 4 channels
Usable tape	Standard/Mini DV tape
Tape speed	18.8 mm/sec.
Record/play time	276 minutes (with LA-DV276PRO tape), 63 minutes (with an M-DV63HDtape)

Connectors		
Video		
HDV		
Video outputs		
Analog component	Y	1.0 V (p-p), 75 ohms (BNC)
	PB/PR	0.7 V (p-p), 75 ohms (BNC)
DV		
Video inputs		
Analog composite		1.0 V (p-p), 75 ohms (BNC)
Analog Y/C	Y	1.0 V (p-p), 75 ohms
	C	0.286 V (p-p), 75 ohms (4-pin)
Video outputs		
Analog composite		1.0 V (p-p), 75 ohms (BNC)
Analog Y/C	Y	1.0 V (p-p), 75 ohms
	C	0.286 V (p-p), 75 ohms (4-pin)
Analog component	Y	1.0 V (p-p), 75 ohms (BNC)
	PB/PR	0.7 V (p-p), 75 ohms (BNC)

Audio		
Audio inputs	Line	-8 dBs, 10 kohms, unbalanced (RCA)
Audio output	Line	-8 dBs, 1 k-ohm, unbalanced (RCA)
Headphones		-∞ to -15 dBs (8 ohms) (Stereo mini jack)
HDMI output		19-pin
IEEE 1394 interface		6-pin
RS-422 interface		D-sub 9-pin
Serial remote interface		Mini jack

Accessories provided	
AC adapter (AA-G30) x 1, AC cable x 1	

BR-HD50 Recording/playback format

	Recording (Analog output)	Tape	Component out/ HDMI out	Video out	PAL	NTSC
DV	480i 60	←	A	480i 60		0
	576i 50	←	B	576i 50	0	

	Playback	IEEE 1394	Component out/ HDMI out	Video out	PAL	NTSC
HDV	720p 60	←	A (Upgrade resulted)	480i 60 (Upgrade resulted)	0	0
	720p 30	←	A	480i 60	0	0
	720p 50	←	B (Upgrade resulted)	576i 50 (Upgrade resulted)	0	0
	720p 25	←	B	576i 50	0	0
	720p 23.98	←	A	480i 60	0	0
	480p 60	←	A	480i 60	0	0
	576p 50	←	B	576i 50	0	0
	480i 60	←	A	480i 60		0
DV	576i 50	←	B	576i 50	0	
	480i 60 (23.98)	←	A	480i 60		0
	576i 50 (25)	←	B	576i 50	0	

	Recording (IEEE1394 output)	Tape	Component out/ HDMI out	Video out	PAL	NTSC
HDV	720p 30	←	A	480i 60	0	0
	720p 25	←	B	576i 50	0	0
	720p 23.98	←	A	480i 60	0	0
	480p 60	←	A	480i 60	0	0
	576p 50	←	B	576i 50	0	0
	480i 60	←	A	480i 60		0
DV	576i 50	←	B	576i 50	0	
	480i 60 (23.98)	←	A	480i 60		0
	576i 50 (25)	←	B	576i 50	0	

A: 720p 60, 480p 60, 1080i 60, 480i 60 B: 720p 50, 576p 50, 1080i 50, 576i 50 Note: 30 = 29.97 Hz 60 = 59.94 Hz
*Tapes recorded in HDV 1080i format cannot be played back by BR-HD50.