



BCT-HD Series HDCAM® Cassettes

The HD Workhorse.

Since 1997, Sony BCT-HD Series HDCAM® tape has been the workhorse of HD production. BCT-HD excels everywhere from episodic television to high-end field production to news. And BCT-HD has proven itself everywhere from the deserts of Tunisia to the depths of the North Atlantic to the heights of Earth orbit.

Advanced Metal Particles.

Working together with the HDCAM hardware team, Sony's tape engineers helped make possible the world's first high definition camcorder. The secret was Metal Particles some 50% smaller than the

ones used in Digital Betacam® tape. These capture wavelengths as small as 0.49mm, one 1/200 the thickness of a human hair. Even at these microscopic wavelengths, carrier-to-noise ratio is greater than 45 dB for robust HD recording.

Protecting your valuable HD assets.

HDCAM tape incorporates several key advancements:

- Alumina-Silica layer protects the Metal Particles from oxidation for outstanding archival performance.

- Strong binder system withstands repeated plays and long durations in pause and still modes.
- Superb calendaring renders surface extremely smooth, an important physical attribute for high carrier-to-noise ratio.
- Special lubricant protects the tape surface and maintains optimum tape-to-head contact.
- ABS plastics in cassette shell protect the tape from contamination if dropped.
- Distinctive orange anti-static lid blocks dust, which can cause read/write errors.



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BCT-HD tape recording times in minutes by mode.

Cassette	Size	Frame Rate							
		23.98PsF	24PsF	25PsF	29.97PsF	30PsF	50i	59.94i	60i
BCT-6HD	Small	7	7	7	6	6	7	6	6
BCT-12HD	Small	15	15	14	12	12	14	12	12
BCT-22HD	Small	27	27	26	22	22	26	22	22
BCT-32HD	Small	40	40	38	32	32	38	32	32
BCT-40HD	Small	50	50	48	40	40	48	40	40
BCT-34HDL	Large	42	42	40	34	34	40	34	34
BCT-64HDL	Large	80	80	76	64	64	76	64	64
BCT-94HDL	Large	117	117	112	94	94	112	94	94
BCT-124HDL	Large	155	155	148	124	124	148	124	124

Model	Recording time (1080/59.94i)	Tape Length	Weight, including case	Master Carton Quantity	Master Carton Weight
BCT-6HD	6 min.	141' (43 m)	0.57 lbs (260 g)	50	32.6 lbs. (14.8 kg)
BCT-12HD	12 min.	256' (78 m)	0.59 lbs (270 g)	50	33.7 lbs. (15.3 kg)
BCT-22HD	22 min.	446' (136 m)	0.61 lbs (277 g)	50	35.3 lbs. (16.0 kg)
BCT-32HD	32 min.	640' (195 m)	0.65 lbs (295 g)	50	37.5 lbs. (17.0 kg)
BCT-40HD	40 min.	791' (241 m)	0.68 lbs (308 g)	50	38.4 lbs. (17.4 kg)
BCT-34HDL	34 min.	676' (206 m)	1.38 lbs (630 g)	10	14.6 lbs. (6.6 kg)
BCT-64HDL	64 min.	1,253' (382 m)	1.49 lbs (677 g)	10	15.7 lbs. (7.1 kg)
BCT-94HDL	94 min.	1,827' (557 m)	1.67 lbs (760 g)	10	16.8 lbs. (7.6 kg)
BCT-124HDL	124 min.	2,402' (732 m)	1.71 lbs (780 g)	10	18.1 lbs. (8.2 kg)
BCT-HD12CL	Cleaning Cassette	256' (78 m)	0.61 lbs (275 g)	40	27.1 lbs. (12.3 kg)

* Only small cassettes fit in camcorders. Large and small cassettes fit in studio VTRs.

SONY

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