

MPEG2 Compression / Time Chart

(Hour : Minute)

NTSC - MPEG2 Compression at 720x480

Compression Bit Rate	73GB	146GB	300GB	1120GB	3.5TB	5.5TB
	<i>External RAID5</i>					
50 Mbit/s	2:44	5:31	11:17	42:08	131:40	206:55
45 Mbit/s	3:02	6:08	12:31	46:45	146:06	229:35
40 Mbit/s	3:23	6:49	13:55	51:58	162:24	255:13
35 Mbit/s	3:51	7:45	15:50	59:09	184:53	290:31
30 Mbit/s	4:28	9:00	18:23	68:39	214:32	337:07
25 Mbit/s	5:19	10:43	21:53	81:45	255:28	401:27
20 Mbit/s	6:35	13:15	27:03	101:00	315:38	496:01
15 Mbit/s	8:36	17:20	35:23	132:07	412:52	648:47
12 Mbit/s	10:29	21:08	43:08	161:03	503:17	790:52
10 Mbit/s	12:26	25:03	51:07	190:53	596:30	937:22
8 Mbit/s	14:36	29:24	60:01	224:07	700:22	1100:35
5 Mbit/s	21:00	42:17	86:18	322:11	1006:50	1582:11

PAL - MPEG2 Compression at 720x576

Compression Bit Rate	73GB	146GB	300GB	1120GB	3.5TB	5.5TB
	<i>External RAID5</i>					
50 Mbit/s	2:43	5:29	11:12	41:49	130:42	205:24
45 Mbit/s	3:02	6:07	12:29	46:36	145:40	228:54
40 Mbit/s	3:24	6:50	13:58	52:09	163:00	256:09
35 Mbit/s	3:51	7:46	15:51	59:12	185:02	290:47
30 Mbit/s	4:27	8:59	18:20	68:26	213:53	336:06
25 Mbit/s	5:21	10:47	22:00	82:10	256:46	403:30
20 Mbit/s	6:18	12:43	25:57	96:53	302:47	475:49
15 Mbit/s	8:32	17:12	35:08	131:10	409:53	644:07
12 Mbit/s	10:34	21:17	43:28	162:16	507:07	796:54
10 Mbit/s	12:10	24:31	50:03	186:52	583:58	917:41
8 Mbit/s	14:53	29:58	61:11	228:26	713:52	1121:48
5 Mbit/s	21:09	42:36	86:57	324:39	1014:34	1594:19

All durations are approximate and can fluctuate up to 10%
 Tables are compiled for video with 2 audio channels