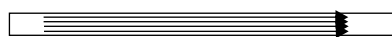
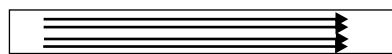
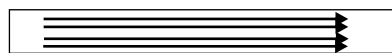
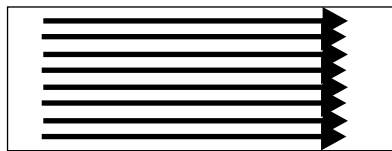
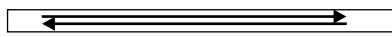
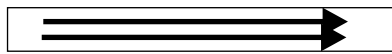
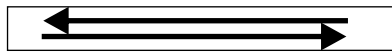
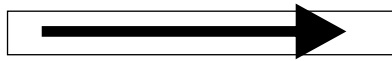


Tape Recording Formats

In Approximate Chronological Sequence



Format	Tape Width	# of Tracks	Track Width	Tape Speed	Bi-Directional?	Use
Reel	1/4"	1	1/4"	30 ips, 15 ips	N	Science, Professional Recording
Reel	1/4"	2 (1 in each direction)	1/8"	30 ips, 15 ips	Y	Science, Professional Recording
Reel	1/4"	2	1/8"	30 ips, 15 ips	N	Professional Recording/ Mastering, Audiophile (" Half-Track ")
Reel	1/4"	4 (2 in each direction)	1/16"	7 ips, 3.5 ips	Y	Home Recording
Reel	1/2" or 1"	4	1/8" or 1/4"	30 ips, 15 ips	N	Professional studios (" Multichannel ")
Cassette	1/8"	2 (1 in each direction)	1/16"	1 7/8"ips	Y	Portable recording, playing, mono " Phillips Cassette "
Reel	1"	8	1/4"	30 ips, 15 ips	N	Professional Recording studios (" Multichannel ," other advances not shown)
Reel	1/4"	4	1/16"	7.5 ips, 3.25 ips	N	Audiophile (" Quad ")
Cassette	1/8"	4 (2 in each direction)	1/32"	1 7/8 ips	Y	Home Recording, Walkmans, " stereo cassette "
Cartridge	1/4"	8 (2 played at a time for stereo effect)	1/32"	3.75 ips	N (Continuous loop)	Automobile, home stereo (" Eight-Track ")
Reel	1/4"	4	1/16"	30 ips, 15 ips, 7.5 ips, 3.75 ips	N	Home studio multichannel recording (aka Tascam 2340, 3340 , and imitators)
Cassette	1/8"	4	1/32"	1 7/8 ips, 3.75 ips	N	Home studio multichannel recording " 4-channel cassette "
Reel	1/8"	8	1/32"	15 ips, 7.5 ips, 3.75 ips	N	Home Studio multichannel recording, Fostex R-8, others