



COMMON

DIGITAL AUDIO CODECS

SPECIFICATION GUIDE



PARTIALLY COMPILED BY ZAK RAY

	ALGORITHM	SAMPLE RATE	BIT RATE	BITS/SAMPLE	ESTIMATED FILE SIZE @ 16 BIT 256 KBPS 48 KHZ CHANNELS STEREO	CBR	VBR
AAC	Lossy, Hybrid	8 kHz - 192 kHz	8 - 529 kbps	Any	1.9 MB/m	48	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
AC3	Lossy	32 kHz, 44.1 kHz, 48 kHz	32 - 640 kbps	16 bit	1.8 MB/m	6	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
ALAC	Lossless	44.1 kHz - 192 kHz	Variable	16 bit, 24 bit	7.5 MB/m	2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
FLAC	Lossless	1 Hz - 1.04857 MHz	Variable	4 bit, 8 bit, 16 bit, 24 bit, 32 bit	7.3 MB/m	8	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
MP3	Lossy	8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz	8 kbps - 320 kbps	Any	1.8 MB/m	2	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
REAL	Lossless, Lossy	Variable	Variable	Variable	160 KB/m	2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
OGG	Lossy	1 Hz - 200 kHz	Variable	Any	1.9 MB/m	255	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
TAK	Lossless	8 kHz - 192 kHz	Variable	8 bit, 16 bit, 24 bit	7.5 MB/m	16	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
WMA	Lossless, Lossy	8 kHz, 11.025 kHz, 16 kHz, 22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz	4 - 768 kbps, variable	16 bit, 24 bit	1.8 MB/m	8	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>