

44.1kHz UAD Instance Counts, DSP, and Latency Chart by Matt Hepworth

Plugin	Mono	Stereo	Solo Mono	Solo Stereo	Duo Mono	Duo Stereo	QUAD Mono	QUAD Stereo	OCTO Mono	OCTO Stereo	Latency	Type	Green = No Latency	Blue = 55 Samples	Red = High Latency
UA's official instance count (44.1kHz only) can be found here -----> https://help.uaudio.com/hc/en-us/articles/215262223-UAD-2-DSP-Chart															
4K Buss Compressor	2.80%	3.40%	35	29	70	58	140	116	280	232	0	Comp	Green = Zero Latency		
4K Channel Strip *	7.40%	11.40%	13	8	26	16	52	32	104	64	31	Channel	Black = Low to Medium Latency		
A/DA Flanger	15.50%	15.90%	6	6	12	12	24	24	48	48	0	Modulation			
A/DA STD-1 Stereo Tapped De	17.50%	17.90%	5	5	10	10	20	20	40	40	0	Delay			
AKG BX 20 Spring Reverb	33.80%	34.40%	2	2	4	4	8	8	16	16	983	Reverb	Red = High Latency		
Ampeg B-15N Bass Amplifier	25.70%	26.10%	3	3	6	6	12	12	24	24	0	Amp			
Ampeg SVT-3 PRO Bass Amplifier	23.20%	23.60%	4	4	8	8	16	16	32	32	0	Amp			
Ampeg SVT-VR Bass Amplifier	27.80%	28.20%	3	3	6	6	12	12	24	24	0	Amp			
Ampeg SVT-VR Classic Bass A	27.80%	28.20%	3	3	6	6	12	12	24	24	0	Amp			
Amplex ATR-102 Mastering Tape	17.60%	29.00%	5	3	10	6	20	12	40	24	2262	Tape			
AMS RMX16 Digital Reverb	40.60%	41.10%	2	2	4	4	8	8	16	16	0	Reverb			
AMS RMX16 Expanded	40.60%	41.10%	2	2	4	4	8	8	16	16	0	Reverb			
Antares Auto-Tune Realtime	20.10%	21.80%	4	4	8	8	16	16	32	32	0	Pitch			
Antares Auto-Tune RT Advanc	20.10%	21.80%	4	4	8	8	16	16	32	32	0	Pitch			
API 212L Preamp	7.40%	10.70%	13	9	26	18	52	36	104	72	55	Preamp			
API 2500 Bus Compressor	17.30%	22.90%	5	4	10	8	20	16	40	32	55	Comp	Blue = 55 Samples (all Unison preamps and most Mk II plugins)		
API 550A EQ	7.20%	11.70%	13	8	26	16	52	32	104	64	55	EQ			
(UAD 9.14+) API 560 EQ	9.20%	15.50%	10	6	20	12	40	24	80	48	55	EQ			
(Pre UAD 9.14) API 560 EQ	9.20%	15.50%	10	6	20	12	40	24	80	48	56	EQ			
API Vision Channel Strip (mk II)	26.30%	35.80%	3	2	6	4	12	8	24	16	55	Channel			
API Vision Channel Strip *	22.40%	29.70%	4	3	8	6	16	12	32	24	55	Channel			
Avalon VT-737sp *	43.30%	47.10%	2	2	4	4	8	8	16	16	55	Channel			
Bermuda Triangle	14.30%	28.40%	7	3	14	6	28	12	56	24	88	Distortion			
Brigade Chorus Pedal	2.00%	2.70%	49	37	98	74	196	148	392	296	0	Mod			
bx_digital V2 EQ & De-Esser	N/A	4.90%	N/A	20	N/A	40	N/A	80	N/A	160	0	EQ			
bx_digital V2 Mono EQ & De-E	3.30%	3.80%	26	20	52	40	104	80	208	160	0	EQ			
bx_digital V3 EQ & De-Esser	N/A	12.20%	N/A	8	N/A	16	N/A	32	N/A	64	0	EQ			
bx_digital V3 mix EQ & De-Ess	8.40%	8.80%	11	11	22	22	44	44	88	88	0	EQ			
bx_masterdesk	N/A	38.90%	N/A	2	N/A	4	N/A	8	N/A	16	304	Mastering			
bx_refinement	11.90%	12.30%	7	7	14	14	28	28	56	56	32	Spacial			
bx_saturation V2	13.20%	13.20%	7	7	14	14	28	28	56	56	12	Distortion			
bx_subsynth Subharmonic Sy	14.10%	14.50%	7	6	14	12	28	24	56	48	0	Enhancer			
bx_tuner	14.70%	15.10%	3	3	6	6	12	12	24	24	0	Tuner			
C-Suite C-Vox	32.20%	32.80%	3	3	6	6	12	12	24	24	0	Noise Reduction			
Cambridge EQ *	2.20%	3.30%	46	30	92	60	184	120	386	240	0	EQ			
Capitol Chambers	75.40%	78.00%	1	1	2	2	4	4	8	8	320	Reverb			
Century Tube Channel Strip *	29.70%	52.70%	3	1	6	2	12	4	24	8	55	Channel			
Chandler Limited Curve Bender	29.50%	30.30%	3	3	6	6	12	12	24	24	12	EQ			
Chandler Limited GAV19T Am	40.60%	41%	2	2	4	4	8	8	16	16	0	Amp			
Chandler Limited Zener Limiter	21.70%	37.20%	4	2	8	4	16	8	32	16	4	Comp			
Cooper Time Cube	4.50%	4.90%	18	18	36	36	72	72	144	144	0	Delay			
CS-1 Channel Strip *	6.00%	6.40%	16	15	32	30	64	60	128	120	0	Channel			
Dangerous BAX EQ Master	N/A	3.20%	N/A	31	N/A	62	N/A	124	N/A	248	0	EQ			
Dangerous BAX EQ Mix	2.70%	3.10%	37	32	74	64	148	128	296	256	0	EQ			
dbx 160 Compressor	2.00%	2.70%	49	36	98	72	196	144	384	288	0	Comp			
Diezel Herbert	42.30%	42.70%	2	2	4	4	8	8	16	16	0	Comp			
DreamVerb	11.80%	12.20%	8	8	16	16	32	32	64	64	0	Reverb			
Dytronics Cyclosonic Panner	13.00%	13.40%	7	7	14	14	28	28	56	56	0	Delay			
Dytronics Tri-Stereo Chorus	19.10%	19.50%	5	5	10	10	20	20	40	40	0				
Eden WT800	30.70%	49.80%	2	2	4	4	8	8	16	16	6	Amp			
elysia- alpha compressor master	35.00%	35.40%	2	2	4	4	8	8	16	16	32	Comp			
elysia- alpha compressor mix	31.50%	31.90%	3	3	6	6	12	12	24	24	32	Comp			
elysia- mpressor	20.20%	20.60%	4	4	8	8	16	16	32	32	32	Comp			
Empirical Labs Distressor	25.20%	28.30%	3	2	6	4	12	8	24	16	55	Comp			

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Empirical Labs FATSO Jr/Sr *	25.60%	40.50%	3	2	6	4	12	8	24	16	55	Comp			
EMT 140 Plate Reverb	14.60%	15.00%	6	6	12	12	24	24	48	48	0	Reverb			
EMT 250 Electronic Reverberatc	6.20%	7.80%	12	11	24	22	48	44	96	88	75	Reverb			
ENGL E646 VS	43.30%	43.70%	2	2	4	4	8	8	16	16	0	Amp			
ENGL E765 RT	42.20%	42.60%	2	2	4	4	8	8	16	16	0	Amp			
ENGL Savage 120 Amplifier	42.70%	43%	2	2	4	4	8	8	16	16	0	Amp			
EP-34 Tape Echo	26.70%	28.10%	3	3	6	6	12	12	24	24	0	Delay			
Eventide H910 Harmonizer	23.70%	44.30%	4	2	8	4	16	8	32	16	5	Pitch			
Fairchild 660	13.10%	18.80%	7	5	14	10	28	20	56	40	55	Comp			
Fairchild 670	13.10%	18.80%	7	5	14	10	28	20	56	40	55	Comp			
Fairchild 670 Legacy	4.50%	5.10%	22	19	44	38	88	76	176	152	0	Comp			
Fender '55 Tweed Deluxe	69.90%	70.40%	1	1	2	2	4	4	8	8	119	Amp			
Friedman BE100	42.80%	43.20%	2	2	4	4	8	8	16	16	0	Amp			
Friedman DS40	42.50%	42.90%	2	2	4	4	8	8	16	16	0	Amp			
Fuchs Overdrive Supreme 50	38.70%	39.10%	2	2	4	4	8	8	16	16	0	Amp			
Fuchs Train II	36.70%	37.10%	2	2	4	4	8	8	16	16	0	Amp			
Galaxy Tape Echo *	13.30%	13.80%	7	7	14	14	28	28	56	56	0	Delay			
Gallien-Krueger 800RB	29.90%	30.30%	3	3	6	6	12	12	24	24	0				
Harrison 32C EQ	5.40%	9.20%	18	10	36	20	72	40	144	80	31	EQ			
Harrison 32C SE EQ	1.70%	2.50%	59	39	118	78	236	156	472	312	0	EQ			
Helios Type 69 *	42.40%	72.20%	2	1	4	2	8	4	16	8	55	Channel			
Helios Type 69 EQ (Legacy)	4.80%	6.80%	20	14	40	28	80	56	160	112	31	EQ			
Ibanez Tube Screamer TS808	10.00%	19.70%	10	5	20	10	40	20	80	40	88	Distortion			
Korg SDD-3000 Digital Delay	34.90%	38.40%	3	2	6	4	12	8	24	16	119	Delay			
LA-3A Leveler	4.30%	4.70%	23	21	46	42	92	84	184	168	0	Comp			
Lexicon 224 Classic Digital Reverb	15.30%	17.00%	6	5	12	10	24	20	48	40	84	Reverb			
(UAD v9.10+) Lexicon 480L Classic	62.10%	62.70%	1	1	2	2	4	4	8	8	121	Reverb			
(Pre-UAD v9.10) Lexicon 480L Classic	60.60%	61.60%	1	1	2	2	4	4	8	8	1529	Reverb			
Little Labs IBP Phase Alignment	3.40%	5.80%	29	17	58	34	116	68	232	136	32	Delay			
Little Labs VOG Bass Resonator	1.00%	1.50%	100	65	200	130	400	260	800	520	0	Filter			
Maag EQ4	3.20%	3.60%	31	27	62	54	124	108	248	216	0	EQ			
Manley Massive Passive EQ (ST)	37.10%	60.20%	2	1	4	2	8	4	16	8	55	EQ			
Manley Variable Mu Limiter Compressor	16.30%	25.00%	6	4	12	8	24	16	48	32	55	Comp			
Manley VOXBOX Channel Strip	46.00%	56.00%	2	1	4	2	8	4	16	8	55	Channel			
Marshall Bluesbreaker 1962	49.20%	49.60%	2	2	4	4	8	8	16	16	6	Amp			
Marshall JMP 2203	27.90%	28.30%	3	3	6	6	12	12	24	24	6	Amp			
Marshall Plexi Classic	31.30%	31.70%	3	3	6	6	12	12	24	24	12				
Marshall Plexi Super Lead 1959	31.30%	31.70%	2	2	4	4	8	8	16	16	6	Amp			
Marshall Silver Jubilee 2555	45.20%	45.60%	2	2	4	4	8	8	16	16	6	Amp			
MDWEQ5-3B	5.50%	10.40%	18	9	36	18	72	36	144	72	27	EQ			
MDWEQ5-5B	6.40%	12.30%	15	8	30	16	60	32	120	64	27	EQ			
Millennia NSEQ-2	11.10%	11.50%	9	8	18	16	36	32	72	64	0	EQ			
Moog Multi-Mode Filter	16.10%	16.60%	6	6	12	12	24	24	48	48	55	Filter			
Moog Multi-Mode Filter SE	3.00%	3.50%	33	28	66	56	132	112	264	224	0	Filter			
Moog Multi-Mode Filter XL	26.10%	26.70%	3	3	6	6	12	12	24	24	55	Filter			
MXR Flanger/Doubler	11.80%	16.40%	8	6	16	12	32	24	64	48	31	Mod			
Neve 1073 *	40.10%	67.60%	2	1	4	2	8	4	16	8	55	Channel			
Neve 1073 EQ Legacy	4.80%	7.90%	20	12	40	24	80	48	160	96	31	EQ			
Neve 1073SE EQ Legacy	1.60%	2.50%	61	39	122	78	244	156	488	312	0	EQ			
Neve 1081 EQ	6.00%	9.50%	16	10	32	20	64	40	128	80	31	EQ			
Neve 1081SE EQ	1.90%	2.80%	54	35	108	70	216	140	432	280	0	EQ			
Neve 1084 *	41.20%	70.80%	2	1	4	2	8	4	16	8	55	Channel			
Neve 31102 EQ	5.30%	8.50%	18	11	36	22	72	44	144	88	31	EQ			
Neve 31102SE EQ	1.70%	2.60%	59	38	118	76	236	152	472	304	0	EQ			
Neve 33609 Compressor	15.00%	21.70%	6	4	12	8	24	16	48	32	55	Comp			
Neve 33609SE Compressor	3.30%	4.30%	30	23	60	46	120	92	240	184	0	Comp			
Neve 88RS Channel Strip *	38.30%	44.20%	2	2	4	4	8	8	16	16	55	Channel			

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Neve 88RS Channel Strip Legacy	3.20%	4.50%	31	22	62	44	124	88	248	176	0	Channel			
Neve DFCC Channel	18.60%	19.00%	5	5	10	10	20	20	40	40	0	Channel			
Neve Preamp (1290)	12.70%	21.70%	7	4	14	8	28	16	56	32	55	Channel			
Ocean Way Studios	38.00%	38.40%	2	2	4	4	8	8	16	16	192	Reverb			
OTO Biscuit 8-bit Effects	44.80%	45.20%	2	2	4	4	8	8	16	16	24	Other			
Oxide Tape Recorder	9.80%	15.40%	10	6	20	12	40	24	80	48	55	Tape			
Precision Buss Compressor	2.80%	3.40%	35	29	70	58	140	116	280	232	0	Comp			
Precision Channel Strip *	2.80%	3.20%	35	31	70	62	140	124	280	248	0	Channel			
Precision De-Esser *	2.60%	4.30%	38	23	76	46	152	92	304	184	0	De-Esser			
Precision Delay Mod / Delay M	4.10%	4.50%	24	22	48	44	96	88	192	176	0	Delay			
Precision Enhancer Hz	2.60%	3.20%	38	31	76	62	152	124	304	148	0	Enhancer			
Precision Enhancer kHz	1.20%	1.90%	86	54	172	108	344	216	512	432	0	Enhancer			
Precision Equalizer *	4.00%	6.80%	25	14	50	28	100	56	200	112	31	EQ			
Precision K-Stereo	2.70%	3.20%	36	31	72	62	144	124	288	248	0	Spacial			
Precision Limiter	2.80%	3.30%	35	30	70	60	140	120	180	140	64	Comp			
Precision Maximizer *	7.60%	14.10%	13	7	26	14	52	28	104	56	55	Enhancer			
Precision Multiband *	11.90%	18.80%	8	5	16	10	32	20	64	40	15360	Comp			
Precision Reflection Engine	4.00%	4.40%	25	22	50	44	100	88	200	176	0	Reverb			
Pultec EQP-1A	6.80%	10.50%	14	9	28	18	56	36	112	72	55	EQ			
Pultec EQP-1A Legacy	4.10%	6.20%	24	16	48	32	96	64	192	128	31	EQ			
Pultec HLF-3C	5.10%	9.80%	19	10	38	20	76	40	152	80	31	Filter			
Pultec MEQ-5	7.60%	11.60%	13	8	26	16	52	32	104	64	55	EQ			
Pultec-Pro Legacy *	4.40%	7.60%	22	13	44	26	88	52	196	104	31	EQ			
Pure Plate	14.60%	15%	6	6	12	12	24	24	48	48	0	Reverb			
Putnam Microphone Collection	N/A	10.30%	N/A		9	N/A			18	N/A		72	22		
Putnam Mic Collection 180	N/A	13.10%	N/A		7	N/A			14	N/A		56	22		
Raw Distortion	14.70%	29.10%	6	3	12	6	24	12	48	24	44	Distortion			
RealVerb Pro	10.00%	10.40%	10	9	20	18	40	36	80	72	0	Reverb			
Roland Boss CE-1 Chorus Ens	2.00%	2.50%	49	39	98	78	196	156	392	312	0	Mod			
Roland Dimension D	2.90%	3.30%	34	29	68	58	136	116	272	232	0	Delay			
Roland RE-201 Tape Echo *	13.30%	13.80%	7	7	14	14	28	28	56	56	0	Delay			
Shadow Hills Mastering Comp	5.30%	5.70%	19	17	38	34	76	68	152	136	0	Comp			
Softube Amp Room Half-Stack	16.20%	26.30%	6	3	12	6	24	12	48	24	3	Amp	INCORRECT DSP REPORTING		
Softube Bass Amp Room	15.80%	24.60%	6	4	12	8	24	16	48	32	3	Amp			
Softube Bass Amp Room 8x10	15.80%	24.60%	6	4	12	8	24	16	48	32	3	Amp			
Softube Metal Amp Room	25.10%	25.80%	3	3	6	6	12	12	24	24	3	Amp			
Softube Vintage Amp Room	16.20%	26.30%	6	3	12	6	24	12	48	24	3	Amp			
Softube Vocoder	41.70%	42.10%	2	2	4	4	8	8	16	16	0	Compressor			
Sonnox Oxford Dynamic EQ	38.00%	40.90%	2	2	4	4	8	8	16	16	50	EQ			
Sonnox Oxford Evolution	16.00%	16.50%	6	6	12	12	24	24	48	48	20	Transient			
Sonnox Oxford EQ	4.10%	4.50%	24	22	48	44	96	88	192	176	0	EQ			
Sonnox Oxford Inflator	2.90%	3.30%	34	30	68	60	136	120	272	240	0	Maximizer			
Sonnox Oxford Limiter v2	15.10%	15.90%	6	6	12	12	24	24	48	48	140				
Sonnox Oxford SuprEssor	9.70%	15.20%	10	6	20	12	40	24	80	48	146	De-Esser			
Sound Machine Wood Works	36.40%	37.10%	2	2	4	4	8	8	16	16	48				
SPL Transient Designer	3.60%	4.30%	27	23	54	46	108	92	216	184	0	Transient			
SPL TwinTube Processor	16.80%	17.20%	5	5	10	10	20	20	40	40	32				
SPL Vitalizer MK2-T	6.60%	7.00%	14	14	28	28	56	56	112	112	16				
SSL E Channel Strip Legacy *	7.40%	11.90%	13	8	26	16	52	32	104	64	31				
SSL E Series Channel Strip *	41.80%	70.10%	2	1	4	2	8	4	16	8	55				
SSL G Bus Compressor	14.10%	17.70%	7	5	14	10	28	20	56	40	55				
SSL G Bus Compressor Legacy	2.80%	3.40%	35	29	70	58	140	116	280	232	0	Compressor			
Studer A800 Tape Recorder	9.80%	15.40%	10	6	20	12	40	24	80	48	55				
Studio D Chorus	2.90%	3.30%	34	29	68	58	136	116	272	232	0	Modulation			
Suhr PT100	35.80%	36.20%	2	2	4	4	8	8	16	16	0	Amp			
Suhr SE100	41.00%	41.40%	2	2	4	4	8	8	16	16	0	Amp			
Summit Audio TLA-100A	22.60%	28.30%	4	3	8	6	16	12	32	24	4				

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Teletronix LA-2	16.20%	21.10%		6	4	12	8	24	16	48	32	56			
Teletronix LA-2A Gray	16.20%	21.10%		6	4	12	8	24	16	48	32	56			
Teletronix LA-2A Legacy	3.60%	4.00%		27	24	54	48	108	96	216	192	0 Compressor			
Teletronix LA-2A Silver	16.20%	21.10%		6	4	12	8	24	16	48	32	56			
Thermionic Culture Vulture(1)	63.10%	71.20%		1	1	2	2	4	4	8	8	55			
Tonelux Tilt EQ	3.90%	5.50%		25	18	50	36	100	72	200	144	0 EQ			
Tonelux Tilt Live EQ	3.10%	4.10%		32	24	64	48	128	96	256	192	0 EQ			
Townsend Labs Sphere	N/A	10.30%	N/A		9	N/A		18	N/A	36	N/A	72	22		
Townsend Labs Sphere 180	N/A	13.10%	N/A		7	N/A		14	N/A	28	N/A	56	22		
Trident A-Range EQ	5.50%	9.10%		18	11	36	22	72	44	144	88	31			
Tube-Tech CL 1B	9.00%	11.90%		11	8	22	16	44	32	88	64	4			
Tube-Tech CL 1B MK II	14.50%	15.10%		6	6	12	12	24	24	48	48	4			
Tube-Tech ME 1B EQ	7.10%	10.60%		14	9	28	18	56	36	112	72	12			
Tube-Tech PE 1C EQ	7.20%	10.70%		13	9	26	18	52	36	104	72	12			
UA 1176 Rev A	12.80%	16.30%		7	6	14	12	28	24	56	48	55			
UA 1176 Rev E	12.80%	16.30%		7	6	14	12	28	24	56	48	55			
UA 1176AE	13.10%	16.70%		7	5	14	10	28	20	56	40	55			
UA 1176LN Legacy	4.50%	5.00%		22	20	44	40	88	80	176	160	0 Compressor			
UA 1176SE Legacy	1.60%	2.00%		61	49	122	98	244	196	488	392	0 Compressor			
UA 175-B	23.80%	36.20%		4	2	8	4	16	8	32	16	55			
UA 176	23.80%	36.20%		4	2	8	4	16	8	32	16	55			
UA 610-A Tube Preamp & EQ	23.00%	44.80%		4	2	8	4	16	8	32	16	55			
UA 610-B Tube Preamp & EQ	23.20%	44.80%		4	2	8	4	16	8	32	16	55			
V76 Preamp	28.10%	55.90%		3	1	6	2	12	4	24	8	55			
Valley People Dyna-mite	8.30%	13.20%		12	7	24	14	48	28	96	56	4 INCORRECT DSP REPORTING			
Vertigo VSC-2 Compressor	6.20%	6.60%		16	15	32	30	64	60	128	120	0 Compressor			
Vertigo VSM-3 Mix Satellite	39.60%	40.00%		2	2	4	4	8	8	16	16	32			

