

OVATION 12

COMPARISON OF ELEMENTS, PRO AND PREMIUM VERSIONS

The MASSCORE ENGINE can be added to any version

AUDIO ENGINE		ELEMENTS	PRO	PREMIUM	MASSCORE ENGINE
Hardware I/O @ 48kHz / 96kHz / 192 kHz*		48/2 /12	192/96/48	256/144/72	384
Software Playback Channels @48kHz/96kHz/192kHz		512/256/128	512/256/128	512/256/128	NEAR ZERO
Latency		Variable (ASIO)	Variable (ASIO)	Variable (ASIO)	
Maximum Bus Size		7,1	22,2	30,2	384
VERY HIGH SAMPLE RATE AUDIO		ELEMENTS	PRO	PREMIUM	
DXD/DSD Playback channels		2	8	16	64
CUE LISTS		ELEMENTS	PRO	PREMIUM	
HOTKEY Cuelist		1	unlimited	unlimited	
NORMAL Cuelist		1	unlimited	unlimited	
CUSTOM Cuelist		-	unlimited	unlimited	
TIMED Cuelist		-	unlimited	unlimited	
Cue RECORDING		x	x	x	
REMOTE CONTROL AND COMMANDS (SEND/ RECEIVE)		ELEMENTS	PRO	PREMIUM	
MIDI commands		x	x	x	
Any LAPTOP/ TABLET/ SMARTPHONE (integrated web server)		-	x	x	
TIMECODE Reader/Generator		-	x	x	
OSC		-	x	x	
GPI/GPO		-	x	x	
IP, COM (Serial)		-	x	x	
MIXER CONTROL		ELEMENTS	PRO	PREMIUM	
HUI		-	x	x	
OASIS (AVID S1/S3/S4/ S6, LAWO Mc2,STAGETEC, and more...)		-	-	x	
AUTOMATION		ELEMENTS	PRO	PREMIUM	
Mixer Automation		-	x	x	
Bidirectionnal Automation Interchange with Pyramix		-	x	x	
OSC Automation		-	x	x	
3D AUDIO		ELEMENTS	PRO	PREMIUM	
AMBISONIC Encoding/Decoding/Mixing/Playout		x	x	x	
Next Generation Audio Mixing/Rendering (OBJECTS-BEDS-AMBISONIC)		x	x	x	
FLUX SPAT Integration		-	-	x	
VIDEO SERVERS INTEGRATION		ELEMENTS	PRO	PREMIUM	
Dataton WATCHOUT		-	-	x	
ROSS VIDEO		-	-	x	
REDUNDANCY/MULTI SYSTEM SYNC		ELEMENTS	PRO	PREMIUM	
Ovation redundancy		x	x	x	
Multi-sequencer synchronisation		-	-	x	
NO BOUNCE EDITING		ELEMENTS	PRO	PREMIUM	
Pyramix Editing		x	x	x	
Bundled Pyramix		Evaluation	Elements	Elements	
VIDEO SUPPORT		ELEMENTS	PRO	PREMIUM	
Simultaneous Video Cue		0	1	4	
Top and Tail Video Cues in Pyramix**		-	x	x	

* Hardware I/O: Tests were performed on a computer equipped with an Intel Ultra CPU i7-265K (20 cores: P-Cores at 3.8 GHz and E-Cores at 3.3 GHz), configured with our specifications and using the MAD driver. Performances and I/O capacities cannot be guaranteed with all PC configurations.

** Supported Codecs include:

Mov: ProRes 422 HQ, ProRes 422 LT, ProRes 422 Proxy, DV25, DV50, H264

Mp4: H264

MXF: DV25, DV50