

# PYRAMIX 16

## 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/192kHz	48/24/12	96/48/24	128/64/32	384/192/96
Software Playback Channels @48kHz/96kHz/192kHz	512/256/128	512/256/128	512/256/128	512/256/128
Latency	Variable (ASIO)	Variable (ASIO)	Variable (ASIO)	NEAR ZERO
Hardware I/O @ Very high sampling rates <b>DXD, DSD 64/128/256</b>	<b>2</b>	<b>24</b>	<b>36</b>	<b>64</b>
Software Playback (Voices) @ Very High sampling rates <b>DXD, DSD 64/128/256</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>
Maximum Bus Size	22,2	22,2	30,2	384

MASTERING FEATURES	ELEMENTS	PRO	PREMIUM
Pow-r Redithering	x	x	x
CD Mastering + CD Import	x	x	x
DDP Creation		x	x
Super Audio CD Authoring and Disc Builder			x

MIXING	ELEMENTS	PRO	PREMIUM
Pyramix Virtual Studio Core Plugins (VS3 Plugins - pristine 32 channels)		x	x
Integrated panNoir for best phase management in multimic productions	x	x	x
Support for VST2 and VST3 plugins (no plugins included)	x	x	x
ARA2 plugins support (no 3rd party plugins included)	x	x	x
Final Check (Loudness, PPM, True Peak metering)		x	x
ZTX Time and Pitch Manipulation		x	x
AMBISONIC Encoding/Decoding/Mixing/Playout*	x	x	x
Next Generation Audio Mixing/ Rendering (OBJECTS-BEDS-AMBISONIC)	x	x	x
DOLBY ATMOS Renderer Support/ADM Dolby Atmos Import-Export			x

EDITING	ELEMENTS	PRO	PREMIUM
Source-Destination editing		x	x

INTERCHANGE	ELEMENTS	PRO	PREMIUM
AAF/ OMF	x	x	x
Advanced Interchange (Sonic Solutions /OpenTL Import/FCP XML/ AES31)	x	x	x

REMOTE CONTROL	ELEMENTS	PRO	PREMIUM
Video / TC Synchronization (Requires Hardware)	x	x	x
Machine Control - RS422 Remote/Master (Requires Hardware)	x	x	x
GPI/O support. Requires I/O CON-SGU-1608/1616, CON-SEA-1802e, Anubis		x	x
Oasis Economy Class (HUI, Avid Control/ S1/ Dock)	x	x	x
Oasis Business Class (Avid S3)		x	x
Oasis First Class ( <b>AVID S4/ S6/ S5/ S5-MC, LAWO Mc2,STAGETEC, and more...</b> )			x

VIDEO	ELEMENTS	PRO	PREMIUM
Single Video Track (Includes MXF option)***		x	x
Multiple Video Tracks***			x
Single Pro Video Output using Blackmagic Hardware**			x
Supported included codec (IMX-MPG2HD-AVC-INTRA -AVDNXHD (440+10bit)			x

\*\*\* Supported Codecs include:

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

Mp4: H264

MXF: DV25, DV50

\*\* Blackmagic hardware is not included

\* 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), following our complete installation specifications and using the MAD driver. Please note that we cannot guarantee these I/O performance numbers on all PC configurations.