









# WHAT'S NEW IN OZONE 5 & OZONE 5 ADVANCED

FEATURE		OZONE 5	OZONE 5 ADVANCED
<b>COMPONENT PLUG-INS</b>	Ability to use EQ, Maximizer, Dynamics, Reverb, Stereo Imaging, and Exciter modules as individual plug-ins		
<b>METER BRIDGE</b>	Full-screen configurable Meter view		
	Undocked Vectorscope with Stereo Balance/Correlation meters		
	BS-1770.2 stereo Program Loudness metering		
	Spectrum view with separate configuration options from the EQ's spectrum		
	Meter Tap plug-ins for routing audio streams from buses/tracks to Ozone's spectrogram		
	Ability to see multiple meter streams overlaid on 2D or 3D spectrogram		
	Scrolling 2D spectrum with overlay, stack and tile modes		
<b>EQUALIZER</b>	Analog-matched frequency response for all filter types		
	Analog filter shapes in Digital EQ mode (linear and mixed phase)		
	Vintage Low and High Shelf filters with variable "Cut" control		
	Extra-steep "brickwall" analog Low- and High-Pass filters		
	Flat Low- and High-Pass filters with variable slope		
	Mixed-Phase EQ: vary between minimum, linear and maximum phase per band		
	New Snapshots panel with easier EQ snapshot workflow		
	Improved, simplified Matching EQ feature		
	Mini Info Panel for easy access to active EQ band's settings		
	Ability to zoom by time and frequency for precise equalization		
	Separate EQ settings for left/right channels		
	Second EQ in signal chain for post-dynamics/exciter shaping		
	Zoomable spectrum in EQ		
	New Spectrum options including Left/Right and Mid/Side modes		
	Phase Response, Phase Delay and Group Delay plots		
<b>MAXIMIZER</b>	IRC III Limiting mode: new psychoacoustic algorithm w/ transient preservation		
	Stereo Link: allows variance between fully independent left/right limiting and linked limiting		
	Transient Recovery: introduces transient shaping to preserve sharp attacks		
	Gain Reduction Trace view: shows gain reduction over time		
	Spectrum view		
<b>DITHER</b>	Additional Dither noise-shaping curves		
	Dither Shape view		
<b>EXCITER</b>	Improved sound quality in all Exciter modes		
	Natural-sounding Peak Saturation: adds harmonics without drastic gain changes		
	Post-Saturation High Shelf filter: for additional harmonic shaping		
	Saturation Spectrum display: shows excitation by frequency		
	Refined Tube and Tape algorithms ( EDIT: also Retro and Warm refactoring? )		

	Oversampling mode prevents aliasing		
	Circuit-modeled "Triode I" and "Triode II" Exciter modes		
<b>STEREO IMAGING</b>	Stereoize mode: natural sounding, mono-compatible widening for narrow/mono sources		
	New Vectorscope modes: Polar Level, Polar Sample		
	Anti-phase prevention		
	Stereo Width Spectrum view		
	Correlation Trace view shows mono-compatibility over time		
	Stereo Balance meter		
	Phase Rotation allows phase fine-tuning to optimize asymmetrical waveforms' loudness		
<b>DYNAMICS</b>	Greatly-improved workflow includes always-visible Attack and Release controls		
	All-Bands mode shows most crucial controls for every band in one view		
	Gain Reduction Trace shows dynamics characteristics superimposed on waveform		
	Interactive Threshold provides intuitive control over all dynamics stages		
	Improved Gain Reduction meter with input/output and overlaid histogram options		
	Hard/Soft Knee selection		
	Variable Knee control for each Dynamics stage and each band		
	True Envelope detection algorithm: flat frequency response and low distortion		
	Detection circuit High Pass filter with variable slope and frequency		
	"Tilt" mode (API-Thrust-style detection circuit filter)		
	New "Bottoms-up" Compression boosts levels as they fall below the threshold		
	Limiter Boost pushes up threshold-crossing levels when Limiter ratio is set to the left		
<b>REVERB</b>	New Modeled Reverb algorithm: provides realistic early reflections with smooth decay		
	Improved Plate and Room modes and new Hall mode		
	3 additional modeled spaces: Theater, Cathedral and Arena		
	Independent control over early reflections		
	Cross-mix control for more control over stereo image		
<b>PRESETS AND ROUTING</b>	All Global Presets updated to take advantage of new DSP and features		
	Many new genre-specific presets added to Global Presets		
	Improved Amount controls make adjusting presets simple		
	Module Presets: each mastering module has dedicated preset saving and loading		
	Over 80 new Module Presets included		
	Move Module Presets between Ozone Advanced and Ozone Advanced's Components		
	Select independent or shared crossovers for multiband modules		