

Specifications & Comparison: NV10S vs NV12

		KAWAI NOVUS NV10S	KAWAI NOVUS NV12
Keyboard Action	Type	Millennium III Hybrid (grand)	Millennium III Hybrid (grand)
	Keyboard	Spruce keys, extended length	Spruce keys, extended length
	Keyboard surface	Acrylic/Phenol	Acrylic/Phenol
	Hammers	ABS grade-weighted hammers (88 grades)	ABS grade-weighted hammers (88 grades)
	ABS Carbon parts	Yes	Yes
	Sensing system	IHSS – contactless, optical sensors (x3)	IHSS – contactless, optical sensors (x3)
Pedals	Type	Grand piano pedals	Grand piano pedals
	Damper	Grand piano damper mechanism	Grand piano damper mechanism
	Soft/Sostenuto	Grand Feel Pedal System	Grand Feel Pedal System
Piano Sound	Type	SK-EX Rendering + Harmonic Imaging XL	SK-EX Rendering + Harmonic Imaging XL
	Sound engine	SK-EX Rendering: 88-note Multi-channel sampling Harmonic Imaging XL: 88-note Stereo sampling	SK-EX Rendering: 88-note Multi-channel sampling Harmonic Imaging XL: 88-note Stereo sampling
	Piano source	SK-EX Rendering: SK-EX Concert Grand Harmonic Imaging XL: SK-EX/SK-5/EX/K-60	SK-EX Rendering: SK-EX Competition Grand, SK-EX Concert Grand Harmonic Imaging XL: SK-EX-L, SK-EX/SK-5/EX/K-60
	No. of piano sounds	SK-EX Rendering: SK-EX, 10 characters Harmonic Imaging XL: 12 sounds	SK-EX Rendering: SK-EX, 5+5 characters Harmonic Imaging XL: 20 sounds
	No. of total sounds	100 sounds (90 sounds + 10 characters)	106 sounds (96 sounds + 5+5 characters)
Virtual Technician	No. of parameters	SK-EX Rendering: 15 parameters Harmonic Imaging XL: 21 parameters	Virtual Piano Artisan: 20 parameters (SK-EX Rendering + Harmonic Imaging XL shared)
	Smart Mode	Yes (for Harmonic Imaging XL only), 10 presets	Yes, 10 presets
Sound Processing & Amplification	Technologies	1-bit processing, Dual DAC, DIDRC	Dual DAC, Custom piano filter, DIDRC
	Power Amp	Premium Power Amp (x3)	Premium Power Amp (x3)
	Headphone Amp	Discrete Headphone Amp	Discrete Headphone Amp
Speaker System	Configuration	Top speaker: 10 cm x 4, Dome Tweeter: 1.4 cm x 2, Woofer: 20 cm x 1	Soundboard speaker system (Primary transducer x 1, Secondary transducer x 4)
	Power	130 W	130 W
Connectivity	Bluetooth	MIDI (v4), Audio (v3)	MIDI (v5.0), Audio (v5.1)
	USB	USB to Device (USB-A), USB to Host (USB-B)	USB to Device (USB-A), USB to Host (USB-C), USB Audio Interface (44.1 kHz/24 bit)
User Interface	Type	Cheekblock 5" touchscreen LCD	Cheekblock 5" anti-glare touchscreen LCD (improved UI)
	Display Resolution	480 x 800 pixels	480 x 800 pixels
Cabinet	Type	Truncated grand piano (with adjustable music rest)	Grand piano (with adjustable topboard and music rest)
	Dimensions	1480 (W) x 650 (D) x 995 (H) mm [music rest flat] 1480 (W) x 650 (D) x 1210 (H) mm [music rest raised]	1510 (W) x 870 (D) x 1025 (H) mm [music rest flat] 1505 (W) x 870 (D) x 1725 (H) mm [topboard fully open]
	Weight	132 kg	173 kg

* Bluetooth functions dependent on market.

New / Improved