eatures / Model	Pa700	Pa700 Oriental	Pa1000	Pa4X-61 Pa4X-76 Pa4X-Oriental	Pa5X-61 Pa5X-76 Pa5X-88	Features / Mo
eatures / Model	Pa700 Pa700 Parous statements Sta		Patoo	Sent Sent Sent Sent Sent Sent Sent Sent	KORG	Features / Mo
lesign					Pasx	Des
splay Ightness control / Skin colors	7" Wide capacitive color TouchView™ TFT of Yes / One		7" Wide capacitive color TouchView™ TFT display, 800*480 resolution, – Manual tilt system Yes / One Skin	7" Wide capacitive color TouchView™ TFT display, 800*480 resolution, – Manual tilt system Yes / One Skin	8" Wide capacitive color TouchView™ TFT display, 800x600 resolution, – Manual tilt system Yes / One Skin	Di Brightness control / Skin o
p Display board	No Strip I 61 keys (C2 – C7		No Strip Display 61 semi-weighted keys (C2 – C7) with velocity and Monophonic aftertouch	Pa4X-61: 61 keys (C2 – C7) Semi-weighted keys with velocity and Monophonic aftertouch Pa4X-76: 76 keys (E1 – G7) Semi-weighted keys with velocity and Monophonic aftertouch Same as international versions	Strip Display (One Line) - 4 Presets + 1 User settings 61 keys (C2–C7) Semi–weighted keys with Monophonic Aftertouch 76 keys (E1–G7) Semi–weighted keys with Monophonic Aftertouch 88 keys (A0–C8) Hammer action with Monophonic Aftertouch	Strip D Key
ntrix pads	No Matrix	x Pads	No Matrix Pads	No Matrix Pads	16 Matrix Pads,4 Preset buttons. Also allows you to mute up to 16 elements in your style or song No After Touch Matrix velocity curve cannot be set Orange Leds	Matrix
obon / Joystick / Pitch Bend erating System	No / Yes / No Upgradable operating system, Multitasking, Load while play Last version: 1.5.0 - Date: 14/02/2020 English Only		No / Yes / No Upgradable operating system, Multitasking, Load while play Last version: 1.5.0 - Date: 14/02/2020	Yes / Yes / No Upgradable operating system, Multitasking, Load while play Last version: 3.1.0 - Date: 10/07/2019	Yes / Yes (with leds) / No Upgradable operating system Last version: 1.2.1 - Date: 16/11/2023	Ribbon / Joystick / Pitch l
erating System language er Manual language ot time (With empty PCM user memory)	English (English (Approximately 34 sec	Only	English Only English Only Approximately 34 seconds (V1.5.0 OS)	English Only English Only Approximately 69 seconds (V3.1.0 OS)	English Only English Only Approximately 43 seconds	Operating System lang User Manual lang Boot time (With empty PCM user men
thesizer Engine er Synth engines	EDS-X (Enhanced Definition Synthesis – eXpanded) Standard substrative sample based synthesizer No / No		EDS-X (Enhanced Definition Synthesis – eXpanded) Standard substrative sample based synthesizer No / No	EDS-X (Enhanced Definition Synthesis – eXpanded) Standard substrative sample based synthesizer No / No	EDS-X (Enhanced Definition Synthesis-eXpanded) Standard substrative sample based synthesizer No / No	Sound Gene Synthesizer Ei Other Synth en
/ Virtual Analog) nd elements (Oscillators)	Up to 24 mono oscillators per sound. Each oscillator triggers one mono sample. Independent oscillators (an oscillator do not generate sync references in order to control a second oscillator) Filters with resonance, 3-band EQ on each Sound		Up to 24 mono oscillators per sound. Each oscillator triggers one mono sample. Independent oscillators (an oscillator do not generate sync references in order to control a second oscillator)	Up to 24 mono oscillators per sound. Each oscillator triggers one mono sample. Independent oscillators (an oscillator do not generate sync references in order to control a second oscillator)	Up to 24 stereo or mono oscillators per sound. Each oscillator triggers one stereo or mono sample. Independent oscillators (an oscillator do not generate sync references in order to control a second oscillator)	(FM / Virtual Ar
nd Filters nds / Drum Kits editing r DNC Sounds creation	Filters with resonance, 3-b Workstation class Sound Yes	ds/Drum Kits editing	Filters with resonance, 3-band EQ on each oscillators Workstation class Sounds/Drum Kits editing Yes	Filters with resonance, 3-band EQ on each oscillators Workstation class Sounds/Drum Kits editing Yes	Multi mode filters with resonance, 3-band EQ for oscillators Workstation class Sounds/Drum Kits editing. Drum Family and Full Drum Kit Editing. Quick editing functions Yes	Sound F Sounds / Drum Kits en User DNC Sounds cree
nd transition titimbral Polyphony C Technology (Sounds articulations)	No Seamless sound transition 128 mono oscillators DNC2 (Defined Nuance Control) Technology DNC controllers v. 2		No Seamless sound transition 128 mono oscillators DNC2 (Defined Nuance Control) Technology	No Seamless sound transition 128 mono oscillators DNC2 (Defined Nuance Control) Technology	Seamless sound transition 160 Stereo or mono Oscillators DNC2 (Defined Nuance Control) Technology	Sound trans Multitimbral Polyp DNC Technology (Sounds articulat
C audio controllers Amento modes : /Time/velocity to portamento	DNC control Yes/Yes		DNC controllers x 2 Yes/Yes/No	Yes/Yes/No	DNC controllers x 3 Yes/Yes/No	DNC audio control Portamento mo Rate/Time/velocity to portan
ory multisamples	818 factory mi	ultisamples	995 factory multisamples	1508 factory multisamples 1508 factory multisamples, same as international version, and 152 ethnic multisamples	2008 factory multisamples, with 1315 legacy multisamples	Factory multisar
PCM Sample memory le streaming from mSD/SSD le compression algorithm	128 MB Non-volatile Flash memory (No / N Noticeable lossy	No	300 MB Non-volatile Flash memory (up to 600 MB when compressed) No / No Noticeable lossy compression	1.5 Gb Non-volatile Flash memory (up to 3 Gb when compressed) No / No Noticeable lossy compression	4 Gb Non-volatile Flash memory (up to 8 Gb when compressed) No / No Noticeable lossy compression	User PCM Sample me Sample streaming from mSD Sample compression algo
num Sample number num Sample length ling from internal inputs (Line/mic)	15 048 mon 21,8 sec No	·	15 048 mono sample 21,8 seconds No	15 048 mono sample 21,8 seconds Yes	30 060 mono or stereo sample 21,8 seconds Yes	Maximum Sample nu Maximum Sample l Sampling from internal inputs (Line
: import	Loads KORG Pa-series KMP and KSF file Loads WAV, AIFF (stereo or mo No Kronos sounds	ono) and SoundFont™ formats	Loads KORG Pa-series KMP and KSF files and user samples in Triton PCG files Loads WAV, AIFF (stereo or mono) and SoundFont™ formats No Kronos sounds compatibility	Loads KORG Pa-series KMP and KSF files and user samples in Triton PCG files Loads WAV, AIFF (stereo or mono) and SoundFont™ formats No Kronos sounds compatibility	Loads KORG Pa-series KMP and KSF files Loads WAV, AIFF and SoundFont™ formats No Kronos sounds compatibility	Sample i
e export e editing y Sounds	Saves KORG Pa-series KMP and KSF files, mono WAV and AIFF formats Normalize, Cut, Trim/Crop, Time Slice and looping functions. More than 1,700 Sounds One multilayer Stereo Piano with damper and body resonance, GM/XG sound sets		Saves KORG Pa-series KMP and KSF files, mono WAV and AIFF formats Normalize, Cut, Trim/Crop, Time Slice and looping functions. More than 1,750 Sounds	Saves KORG Pa-series KMP and KSF files, mono WAV and AIFF formats Normalize, Cut, Trim/Crop, Time Slice and looping functions. 612 New Factory Sounds. More than 1288 legacy Sounds from previous Pa-series. Same as international versions plus 144 Local	Saves KORG Pa-series KMP and KSF files, stereo or mono WAV and AIFF formats Normalize, Cut, Trim/Crop, Time Slice and looping functions. 424 New Factory Sounds. More than 1776 legacy Sounds from previous Pa-series.	Sample of Sample of Factory S
ding DNC Sounds) y DNC Sounds Sounds library	One multilayer Stereo Piano with damper a 81 DNC S 512 Sou	Sounds	Two multilayer Stereo Pianos with damper and body resonance, GM/XG sound sets 100 DNC Sounds 512 Sounds	Two multilayer Stereo Grand Pianos with damper and body resonance, GM/XG sound sets (Ethnic) Sounds 121 DNC Sounds 768 Sounds	Five multilayer Stereo Acoustic Pianos with Damper/Body Resonance, GM/XG Sound Sets 122 DNC Sounds 768 Sounds	(Including DNC So Factory DNC S User Sounds I
ry Drum Kits al Drum Kits / Round Robin	106 Drun Natural Ambienc	te Drums / No	107 Drum Kits Natural Ambience Drums / No	More than 110 Drum Kits including Ambient Drums Natural Ambience Drums / No	More than 130 Drum Kits including Ambient Drums and Round Robin-based Drum Kits Natural Ambience Drum Sounds / Round Robin features. 8 velocity layers and up to 4 round-robin (not applied at user samples in OS V1.2.1)	Factory Drun Natural Drum Kits / Round I
Drum Kits library npaniment/Song Effects pard set Effects	256 Drum Kits 2 insert effects; 2 master effects (148 types) 1 insert effect; 2 master effects (148 types)		256 Drum Kits 2 insert effects; 2 master effects (148 types) 1 insert effect; 2 master effects (148 types)	384 Drum Kits 4 insert effects; 3 master effects (148 types) 1 insert effect; 2 master effects (148 types)	384 Drum Kits 10 Insert Effects; 3 Master Effects (148 types) 3 Insert Effect; 3 Master Effects (148 types)	User Drum Kits I Accompaniment/Song E Keyboard set E
ring Effects	Limiter, Ma Same mastering eff		Limiter, Master EQ Same mastering effects to all styles	Waves Audio MAXX Suite, including MaxxEQ [™] , MaxxBass [™] , MaxxTreble [™] , MaxxStereo [™] , MaxxVolume [™] Same mastering effects to all styles	Waves Maxx Audio® Suite. 4 Parametric EQ , plus Hi Pass & Low pass , plus Limiter / compressor Each style can have specific Mastering effects Mic Processor Tochnology by Shift Audio	Mastering E
Processor Effects r Processor Effects	5 FX, 28 Factory, 6 3 FX, 45 Factory, 6		EQ, Compressor, Gate, DeEsser, 3-voice Harmonizer (or Double), 2 x FX. Harmonizer, Double, DeEsser: Technology by TC•Helicon® Presets: More than 30 Factory, 64 User 3 x FX. Presets: 45 Factory, 64 User	Voice Processor Technology by TC•Helicon®: Four-part Harmonizer, Double, μMod, Reverb, Delay, Filter, HardTune, Pitch Correction; plus Compressor, EQ, Gate (Adaptive Mic Setting on the Mic input) No Guitar Processor Effect	Mic Processor Technology by Shift Audio. Mic Setup:Compressor, EQ, Gate. Four-part Harmonizer, Doubler, Filter, Mod, Delay, Reverb, AutoPitch Ability of simultaneous 6 effects Guitar rack (4 effect-slots) with stomp box and amp simulation	Voice Processor E
de instrument protection y s, keyboardSets and Styles protection	No No		No No	No Possibility to enable or disable Factory and Favorite Sounds, Keyboard Set, Styles, Pads protection	No Locked and can't be overwritten by user	Pin code instrument prot Fi Sounds, keyboardSets and Styles prot
g order in User Libraries (Sounds, ard Set, Styles, Pads, Songs) ility to save User Sounds, Keyboard Set, and Pads in Factory/Local libraries	Any order choo	-	Any order choosen by user Yes	Any order choosen by user Yes	Forced numerical and alphabetical order No	Placing order in User Libraries (S Keyboard Set, Styles, Pads, S Possibility to save User Sounds, Keyboar Styles and Pads in Factory/Local lil
ata encryption (Samples, Styles, etc.) by nent serial number	Not available as sta More than 370 F	Factory Styles	Not available as standard function More than 430 Factory Styles, freely reconfigurable sets	More than 580 Factory Styles, freely reconfigurable sets Eight Style Tracks,4 Keyboard Sets and 4 Pads per Style; Same as international versions plus more than 120	Not available as standard function More than 600 Factory Styles, freely programmable Eight Style Tracks,4 Keyboard Sets and 4 Pads per Style;	User data encryption (Samples, Styles, e instrument serial n
Midi Styles audio styles (Real audio animents)	Freely reconfig No 1,152 locations, including	gurable sets	More than 430 Factory Styles, freely reconfigurable sets No 1.152 locations, including User and Direct banks	Programmable Sounds, Effects and Style parameters No 1.248 locations, including User, Favorite and Direct banks 1,872 locations including the User banks and Direct	Eight Style Tracks,4 Keyboard Sets and 4 Pads per Style; Programmable Sounds, Effects and Style parameters No Unlimited user locations	Factory Midi Factory audio styles (Real accompani
Accompaniment tracks ynamics Control	1,152 locations, including Eight Accompaniment tracks, 4 Keyboard Sets, 4 Pads per Style;		1,152 locations, including User and Direct banks Eight Accompaniment tracks, 4 Keyboard Sets, 4 Pads per Style; Style Settings (Sounds and Arranger parameters) on each Style	1,248 locations, including User, Favorite and Direct banks function Eight Accompaniment tracks, 4 Keyboard Sets, 4 Pads per Style; Style Settings (Sounds and Arranger parameters) on each Style	Unlimited user locations Eight Accompaniment tracks, 4 Keyboard Sets, 4 Pads per Style; Style Settings (Sounds and Arranger parameters) on each Style	User Styles Styles Accompaniment Style Dynamics O
ime accompaniment velocity change) Mode editing	No Guitar Mode 2, Parallel and Fixed N Style/Pad Record with Step Re	· · ·	No Guitar Mode 2, Parallel and Fixed NTT (Note Transposition Table) Style/Pad Record with Step Record, Track and Event Edit	No Guitar Mode 2, Parallel and Fixed NTT (Note Transposition Table) Style/Pad Record with Step Record, Track and Event Edit	No Guitar Mode 2, Parallel and Fixed NTT (Note Transposition Table) Style Record and Edit (Limited in current OS)	(Real time accompaniment velocity ch Guitar Styles e
onverter ong Player ements	Style Creator Bot (MIDI Style Creator Bot (MIDI Style Creator Bot (MIDI Style One style or song playing 3 Intros, 4 Variations, 4 F	ing at the same time	Style/Pad Record with Step Record, Frack and Event Edit Style Creator Bot (MIDI Song to Style Converter) One style/song playing at the same time 3 Intros, 4 Variations, 4 Fills, Break, 3 Endings	Style Creator Bot (MIDI Song to Style Converter) One style/song playing at the same time 3 Intros, 4 Variations, 4 Fills, Break, 3 Endings	Not yet available Dual Player. Crossfading between 2 Songs or 2 Styles playing simultaneously 3 Intros, 4 Variations, 4 Fills, Break, 3 Endings	Styles e Style/Song I Style elei
Sequencer Sequence saving	Chord Sequence recorder and Chord Sequences can be saved to	player in Style Play mode o Style and Songbook Entries	Chord Sequence recorder and player in Style Play mode Chord Sequences can be saved to Style and Songbook Entries	Chord Sequence recorder in Style Play mode Chord Sequences can be saved to Style and SongBook Entries	Chord Sequence Recorder / Player Factory: More than 200 Chord Sequences. Chord Sequences can be saved to Style and SongBook Entries	Chord Sequence
book Edit functions neer neer Supported formats	Delete, Copy from Style/SongBoo Single seq Supported formats: MID, KA	uencer	Delete, Copy from Style/SongBook, Import/Export from/to SMF Patented XDS Crossfade Dual Sequencer Player with X-Fader control Supported formats: MID, KAR, MP3+Lyrics, MP3+G	Delete, Copy from Style/SongBook, Import/Export from/to SMF Patented XDS Crossfade Dual Sequencer Player with X-Fader control Supported formats: MID, KAR, MP3+Lyrics, MP3+G	Not yet available Patented XDS Crossfade Dual Style/Song Player with X-Fader Balance control. Supported formats: MID, KAR, MP3+Lyrics	SongBook Edit fun Sequ Sequencer Supported fo
, Score, and Chords Play Jukebox function	Lyrics, Score, and Chord data can be displayed Markers with Add, Delete, Jukebox fi	Edit and Loop functions	Lyrics, Score, and Chord data can be displayed on screen, or on an external video monitor Markers with Add, Delete, Edit and Loop functions Jukebox function	Lyrics, Score, and Chord data can be displayed on screen, or on an external video monitor Markers with Add, Delete, Edit and Loop functions Jukebox function	Lyrics, Score, and Chord data can be displayed on screen, or on an external video monitor Markers with Add, Delete, Edit and Loop functions Jukebox function	Lyrics, Score, and C Song Song Jukebox fur
pook Set Lists pook Filtering and sorting options	rogrammable music database, based on Styles, MIDI Songs (MID and KAR User definable Set Lists, with Entries	files), MP3 Songs, with automatic selection of Style Play and Song Play modes selectable from the control panel	Fully programmable music database, based on Styles, MIDI Songs (MID and KAR files), MP3 Songs, with automatic selection of Style Play and Song Play modes User definable Set Lists, with Entries selectable from the control panel	Fully programmable music database, based on Styles, MIDI Songs (MID and KAR files), MP3 Songs, with automatic selection of Style Play and Song Play modes User definable Set Lists, with Entries selectable from the control panel	Fully programmable music database, based on Styles, MIDI Songs (MID and KAR files), MP3 Songs, with Artist and Genre tags User definable Set Lists Yes	SongBook Se
rd Set Elements (Sound combination) Keyboard Set Library	Up to 4 sounds (3 Upper so More than 290 Keyboard So	·	Up to 4 sounds (3 Upper sounds and 1 lower sound) More than 300 Keyboard Sets, freely reconfigurable	Up to 4 sounds (3 Upper sounds and 1 lower sound) More than 500 Factory Keyboard Sets, freely reconfigurable	Up to 4 sounds (3 Upper sounds and 1 lower sound) More than 500 Factory Keyboard Sets, freely reconfigurable	SongBook Filtering and sorting of Keyboard Set Elements (Sound combin Factory Keyboard Set L
Leyboard Set Library I Keyboard Set y Pads	864 locations, including U My Setting special More than 4	l Keyboard Set	864 locations, including User and Direct banks My Setting special Keyboard Set More than 400 Pads	1,056 locations, including User and Direct banks 1,584 locations including the User banks and Direct function My Setting special Keyboard Set More than 400 Pads More than 800 Pads	Unlimited user locations My Setting special Keyboard Set More than 400 Pads	User Keyboard Set Li Special Keyboar Factory
ecord S FX	More than 4 Pad Record Automatic MIDI	function	More than 400 Pads Pad Record function Automatic MIDI FX generator	More than 400 Pads Pad Record function Automatic MIDI FX generator	Unlimited user locations Pad Record function Not yet available	User Pads Re KAOS
S Factory Presets	More than 65 Fa MP3 Player in SONG	PLAY mode only	More than 65 Factory Presets MP3 Player in SONG PLAY mode only	More than 65 Factory Presets Double MP3 Player in SONG PLAY mode only	Not yet available Double MP3 Player in SONG PLAY mode only	KAOSS Factory Pro
Player Transpose & Tempo change Vocal Remover Record	Transpose (+6/-5 semitones) Vocal Rei Records MP3 files (CBR), including Styles, MIDI Songs, MP3 So	mover	Transpose (+6/-5 semitones), Tempo change (±30%) Vocal Remover Records MP3 files (CBR), including Styles, MIDI Songs, MP3 Songs, Keyboard Sounds, Pads, Microphone, Guitar, Effects, KAOSS Effects	Transpose (+6/-5 semitones), Tempo change (±30%) Vocal Remover Records MP3 files, including Styles, MIDI Songs, MP3 Songs, Keyboard Sounds, Pads, Microphone, Effects, KAOSS Effects	Transpose (+6/-5 semitones), Tempo change (±30%) Vocal Remover Records MP3 files(CBR), including Styles, MIDI Songs, MP3 Songs, Keyboard Sounds, Pads, Matrix, Microphone, Guitar, Effects	MP3 Player Transpose & Tempo ch MP3 Vocal Rem MP3 Re
Sequence edition Sequencer features or PC Sound/Style management software	Quick Record (Backing Sequence), Mo Full-featured sequencer, 16 tracks, U native fo No / Yes (Win	p to 200,000 events, SMF (MID) prmat	Quick Record (Backing Sequence), Multitrack and Step Record functions Full-featured sequencer, 16 tracks, Up to 200,000 events, SMF (MID) native format No / Yes (Windows Only)	Quick Record (Backing Sequence), Multitrack and Step Record functions Full-featured sequencer, 16 tracks, Up to 200,000 events, SMF (MID) native format No / Yes (Windows Only)	Quick record and undo not yet available Full-featured sequencer, 16 tracks, Up to 200,000 events, SMF (MID) native format No / Yes (Windows Only)	Midi Sequence ed Midi Sequencer fea Mac or PC Sound/Style management soft
e / Paid) Book management software (PC/ Mac) -quality Expansion Sounds availability (Free d)	Yes (Windows Or Very rare	nly, Free) / No	Yes (Windows Only, Free) / No Very rare / Yes	Yes (Windows Only, Free) / No Very rare / Yes	Not yet available Very rare / Yes	(Free / F Song Book management software (PC/ M High-quality Expansion Sounds availability (
nsion Styles availability / Paid) pries Compatibility ies Compatibility	Yes / Y Pa-Series models: Styles, Performances/Keyboard Sets, i-Series mode	, Programs/ Sounds, Songs, SongBook Entries, Pads	Yes / Yes Pa-Series models: Styles, Performances/Keyboard Sets, Programs/ Sounds, Songs, SongBook Entries, Pads i-Series models: Styles	Yes / Yes Pa-Series models: Styles, Performances/Keyboard Sets, Programs/ Sounds, Songs, SongBook Entries, Pads i-Series models: Styles	Yes / Yes Pa-Series models: Styles, KeyboardSets, Sounds, Songs, Pads Earlier USB Pa-series & mSD kev encryption not supported No i-series compatibility	Expansion Styles availal (Free / I Pa-series Compatil i-Series Compatil
is (Total) (Total) Keypad	4	80 4 Button x 16	99 6	119 5	104 0	Buttons (T Knobs (T Scale Ke
s & Faders (Total)	0 Button x 1	0 Button x 1	1 Button x 1	10 Button x 1	11 Button x 1	Sliders & Faders (
rr Volume ce control	Button x 3 Knob x 1 Knob x 1	Button x 3 Knob x 1 Knob x 1	Button x 3 Knob x 1 Knob x 1	Button x 3 Knob x 1 Knob x 1	Button x 3 Slider x 1 0	Assignable switch (DNC Master Vo Balance co
/ Global / Media Select	Knob x 2 Button x 6 Button x 1	Knob x 2 Button x 6 Button x 1	Knob x 2 Button x 6 Button x 1	Slider x 9 Button x 6 Button x 1	Slider x 9 Button x 5 0	Control Sliders / I Mode / Global / I Track :
dit Mode able buttons	Button x 1 0 0	Button x 1 0 0	Button x 1 0 0	Button x 1 Button x 1 0	Button x 1 Button x 1 Button x 9	Re Slider Assignable b
brary o scan	Button x 1 Button x 2 Button x 2	Button x 1 Button x 2 Button x 2	Button x 12 Button x 2 Button x 2	Button x 14 Button x 2 Button x 2	0 Button x 2 Button x 2	Style Sy Chor
Sequence version Bass	Button x 1 0 Button x 1	Button x 1 Button x 1	Button x 1 Button x 1 Button x 1	Button / Shared x 2 Button x 1 Button x 1	Button x 1 0	Chord Sec Bass inv
Memory paniment Mute	Button x 1 Button x 1	Button x 1 Button x 1	Button x 1 0	Button x 1 0	Button x 1 0	Chord Mo
II b KBD Set ads	Button x 1 Button x 5	Button x 1 Button x 1 Button x 5	Button x 1 Button x 1 Button x 5	Button x 1 Button x 1 Button x 5	Button x 1 0 Button x 5	At Style to KB
r	Button x 11 Button x 5 0	Button x 11 Button x 5 0	Button x 11 Button x 10 Slider x 1	Button x 15 Button x 10 Slider x 1	Button x 15 Button x 8 Slider x 1	Style element/M
ard set	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button / Shared x 2 Button x 4 Button x 1	Star Keyboo
t ting	Button x 1 Button x 1	Button x 1 Button x 1	Button x I Button x I Button x I	Button x 1 Button x 1 Button x 1	Button x 1 Button x 1 Button x 1	S My s
ard sounds yrics/Marker/Score	0 Button x 3 Button x 1	0 Button x 3 Button x 1	0 Button x 3 Button x 1	Button x 8 Button x 3 Button x 1	Button x 5 Button x 3 Button x 1	Keyboard
	Button x 1 0	Button x 1	Button x 1 0	Button x 1 Button x 2	Button x 1 Button x 2	+
Гар tempo	Dial x 1 Button x 1 Button x 1	Dial x 1 Button x 1 Button x 1	Dial x 1 Button x 1 Button x 1	Dial x 1 Button x 1 Button x 1	Dial x 1 Button x 1 Button x 1	Reset / Tap
	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button x 1 Button x 4 Button x 1	Button x 1 Button x 3 Button x 1	
Pads preset	0 0 Button x 1	0 0 Button x 1	0 0 Button x 1	0 0 Button x 1	Pads x 16 Button x 4 Button x 1	Matri Matrix En:
tave e	Button x 2 Button x 2 Button x 9	Button x 2 Button x 2 Button x 9	Button x 2 Button x 2 Button x 9	Button x 2 Button x 2 Button x 12	Button x 2 Button x 2 Button x 12	Upper Tra Keyboard set
rd set library		Button / Shared x 1 0	Button / Shared x 1 Knob x 2 Button x 3	Button / Shared x 1 Knob x 3 Button x 4	Button x 1 0 0	Keyboard Set Keyboard Catego MIC / Voice
d Category/Fav	Button / Shared x 1 0 0	0	Security A &	Digital Drawbars: 9 footages, percussion, key on/off, leakage, rotary speaker effect	Digital Drawbars: 9 Footages, Percussion, Key On/Off, Leakage, Vibrato/Chorus, Rotary Speaker with Amp Simulator	Organ C Organ Physical Dra
rd Category/Fav /oice Knobs /oice Button Controls thysical Drawbars	Button / Shared x 1 0 0 Digital Drawbars: 9 footages, percussion, k	0 tey on/off, leakage, rotary speaker effect	Digital Drawbars: 9 footages, percussion, key on/off, leakage, rotary speaker effect No	Yes x 9	Yes x 9	
rd Category/Fav /oice Knobs /oice Button Controls thysical Drawbars Fill In Buttons Led colors	0		Digital Drawbars: 9 footages, percussion, key on/off, leakage, rotary speaker effect No No Orange leds Virtual Quarter Tone/Micro tuning SubScale Keypad		Yes x 9 Yes (x 4) RGB leds (Mostly) Virtual Quarter Tone / Micro tuning SubScale Keypad	Specific Fill In E Buttons Led Micro tuning SubScale k
rd Category/Fav Voice Knobs Voice Button Vontrols hysical Drawbars Fill In Buttons Led colors uning SubScale Keypad Voice Button Voic	0 Digital Drawbars: 9 footages, percussion, k No No Orange	leds	No No Orange leds	Yes x 9 Yes (x 4) Orange leds	Yes (x 4) RGB leds (Mostly)	Specific Fill In I Buttons Led Micro tuning SubScale I User Scale Presets me Micro tuning Scales memorized inside
d Category/Fav oice Knobs oice Button ontrols nysical Drawbars Fill In Buttons Led colors ning SubScale Keypad velle Presets memories ning Scales memorized inside Styles ning Scales memorized inside Keyboard pedal ole pedal / switch	0 0 Digital Drawbars: 9 footages, percussion, k No No Orange Virtual Quarter Tone/ Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedalin, Assignable pedal x	leds Physical and Virtual Quarter Tone/ Micro tuning SubScale Keypad g with the optional DS-1H pedal)	No Orange leds Virtual Quarter Tone/Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1	Yes x 9 Yes (x 4) Orange leds Virtual Quarter Tone / Micro tuning SubScale Keypad 15 Yes No Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1	Yes (x 4) RGB leds (Mostly) Virtual Quarter Tone / Micro tuning SubScale Keypad 16 Yes Yes Yes Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 2 / switch x 1	Specific Fill In E Buttons Led Micro tuning SubScale K User Scale Presets me Micro tuning Scales memorized inside Micro tuning Scales memorized inside Ke Dampe Assignable pedal /
Category/Fav ice Knobs ice Button introls ysical Drawbars fill In Buttons ed colors ing SubScale Keypad ve Presets memories ing Scales memorized inside Styles ing Scales memorized inside Keyboard edal e pedal / switch ts s	0 Digital Drawbars: 9 footages, percussion, k No No Orange Virtual Quarter Tone/ Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedaling Assignable pedal x No EC5 Mic/Guitar (Shared with Left line input): 1/ 12 kOhm (Mic) / 50	leds Physical and Virtual Quarter Tone/ Micro tuning SubScale Keypad g with the optional DS-1H pedal) x 1 / switch x 1 Input 4" jack, with Gain control (0 ~ +40dB) 0 kOhm (Guitar)	No Orange leds Virtual Quarter Tone/Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1 No EC5 Input Mic/Guitar (Shared with Left line input): 1/4" jack, with Gain control (0 ~ +40dB) 12 kOhm (Mic) / 500 kOhm (Guitar)	Yes x 9 Yes (x 4) Orange leds Virtual Quarter Tone / Micro tuning SubScale Keypad 15 Yes No Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1 EC5 multiswitch pedal input Mic: Combo XLR balanced with Gain control and Phantom Power No Guitar Input	Yes (x 4) RGB leds (Mostly) Virtual Quarter Tone / Micro tuning SubScale Keypad 16 Yes Yes Yes Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 2 / switch x 1 No EC5 Input Mic: Mono with Gain control and Phantom Power (Combo XLR, balanced) Guitar: Mono with Gain control (1/4*jack, unbalanced)	Specific Fill In I Buttons Led Micro tuning SubScale I User Scale Presets me Micro tuning Scales memorized inside Micro tuning Scales memorized inside Ke Dampe Assignable pedal / EC5 Mic Guita
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rd Category/Fav /oice Knobs /oice Button Controls Physical Drawbars Fill In Buttons Led colors uning SubScale Keypad ale Presets memories uning Scales memorized inside Styles uning Scales memorized inside Keyboard r pedal ble pedal / switch outs uts nput Audio Inputs Audio Inputs Audio Inputs Audio Outputs e Audio Output one output over USB Audio Outputs Speaker System r System orts fersion MIDI Versions MIDI etups mplementation th Audio / Midi an support	0 Digital Drawbars: 9 footages, percussion, k No No No Variual Quarter Tone/ Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedaling Assignable pedal s No EC5 Mic/Guitar (Shared with Left line input): 1/ 12 kOhm (Mic) / 50 Line 1: Left/Right (1/4" jack not avait No Line (Left/Right): 1/4" jacks, +2/ No separat Headphone output (1/4" jack), 16-2 No Amplification Speakers: 2 x Dual Cone Spe IN, OUT standard M Speakers: 2 x Dual Cone Spe IN, OUT standard M Line (Left/Right) USB to MIDI using Eight user definable Not fully documen No / P No / P Type A (HOST, for memory and Type B (DEVICE, for personal compression) Type B (DEVICE, for personal compression) Type B (DEVICE, for personal compression)	leds Physical and Virtual Quarter Tone/ Micro tuning SubScale Keypad g with the optional DS-1H pedal) x 1 / switch x 1 Input /4" jack, with Gain control (0 ~ +40dB) 0 kOhm (Guitar) c) line inputs, unbalanced ilable 0dBm, 12 kOhm, unbalanced te Outs 200 Ohms (50 Ohms suggested) x: 2 x 25W cakers in Bass Reflex Box MIDI connectors 2 g the USB ports le MIDI Setups steed by manuals No No No d controllers) x 2 (front/rear) uters, DAW and tablets) x 1 (rear)	No No Orange leds Virtual Quarter Tone/Micro tuning SubScale Keypad 4 Yes No Dumper pedal (supports half-pedaling with the optional DS-HI pedal) Assignable pedal x 1 / switch x 1 No ECS Toput Mic/Guttar (Shared with Left line input); 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Ipp Mc-Guifar (Shared with Let Inc maynt) 12° jack, with faun control (t)446(B) 12 kc/lm (r/ds) / 500	Yes x 9 Yes (x 4) Orange leds Virtual Quarter Tone / Merce training SubScale Keypad 15 Yes No Damper pedad (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1 First multiwateds pedal input Mic-Cerebo XI.R balanced with Gain corrori and Phantons Power No Gainst Input Line : Ledr Reight (144" jack) line input, substanced Line : Stereog (18" mini-jack) line input, substanced Line : Stereog (18" mini-jack) line input, substanced Line : Stereog (18" mini-jack) line input, substanced Ledr Right (14" jack) balanced Ledr Right (14" jack) balanced Zesparanc Outs, it is hardwired for 1 AND 2 (not possible to choose only one of them) Separate Outs (18" jack) balanced When Mic output is set to Separate Outs, it is hardwired for 1 AND 2 (not possible to choose only one of them) Separate Outs (14" jack) No No No internal speakers No, OUT, THRU standard MID1 connectores 1.0.0 1.6.2 USB to MID1 using the USB ports Fight user definable MID1 Setups Not fally documented by runnals No / No No / No Type A (HOST, for merous) and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and controllers y 2 (front/rear) Type I (DFWICE), for merous and contro	Yes (x 4) RCB Helds (Mostly) Virtual Quarter Tone / Micro tuning StabScale Keypad 16 Yes Yes Damper pedal (supports half-pedaling with the optional DS-H pedal) Assignable pedals x 2 / switch x 1 No ECES Input Micro Mono with Gain control and Phantone Power (Combo XLR, balanced) Gainter Mono with Gain control and Phantone Power (Combo XLR, balanced) Lime1-Let/Right (14* jacks, balanced) Lime1-Let/Right (14* jacks, balanced) Lime2-Stereot (18* jacks, balanced) No Let/Right (14* jacks) balanced 4 Separate Onta 12/244 (14* jacks) balanced When Mic or Guitar output is set to Separate Onta 12/244 (14* jacks) balanced When Mic or Guitar output is set to Separate Onta 12/244 (14* jacks) balanced No No No No No No No No No N	Specific Fill In B Buttons Led Micro tuning SubScale K User Scale Presets mer Micro tuning Scales memorized inside Micro tuning Scales memorized inside Key Damper Assignable pedal / s EC5 Mic Guitar Line 1 Audio Line 2 Audio Digital Audio O Separate Audio O Separate Audio O Internal Speaker S Speaker S Speaker S MIDI MIDI V General MIDI Ve USB to MIDI S MIDI S MIDI S MIDI SB T USB T USB T USB T USB T USB T USB Storage compat microSD card Vide
and Category/Fav Voice Knobs Voice Button Controls Physical Drawbars is Fill In Buttons as Led colors tuning SubScale Keypad vuiting Scales memorized inside Styles tuning Scales memorized inside Keyboard er pedal able pedal / switch nputs Huput Audio Inputs Audio Inputs Audio Outputs ate Audio Output abover USB I Audio Outputs al Speaker System er System Ports Version al MIDI Versions to MIDI Setups implementation both Audio / Midi Lan support I Typa A Type B Speed Storage compatibility SD card input out and in country assions (W x D x H) and in country assions (W x D x H) and in country assions (W x D x H) and in country assions (W x D x H) and in country i	O Digital Drawbars: 9 footages, percussion, k No No No Orange Virtual Quarter Tone/ Micro tuning SubScale Keypad Virtual Quarter Tone/ Micro tuning SubScale Keypad Virtual Quarter Tone/ Micro tuning SubScale Keypad Damper pedal (supports half-pedalin, Assignable pedal so No ECS Mic/Guitar (Shared with Left line input): 1/12 kOhm (Mic) / 50 Line 1: Left/Right (1/4" jack Not avai No Line (Left/Right): 1/4" jacks, +22 No separat No separat Headphone output (1/4" jack), 16-2 No Amplification Speakers: 2 x Dual Cone Spe IN, OUT standard Month of the Speakers: 2 x Dual Cone Spe IN, OUT standard Month of the Speakers: 2 x Dual Cone Speakers:	leds Physical and Virtual Quarter Tone/ Micro tuning SubScale Keypad g with the optional DS-1H pedal) x 1 / switch x 1 Input /** jack, with Gain control (0 ~ +40dB) 0 kOhm (Guitar) 2) line inputs, unbalanced liable	No Orange leck Virtual Quarter Toree-there sturing SubScale Keypard 4 Yes No Damper pedal (supports half-pedaling with the optional DS-1H pedal) Assignable pedal x 1 / switch x 1 No ECS Input Mic Guitar (Shared with Left line super) 1-47 jack, with Gain control (0 = +60dB) 12 (Mine Moke) -500 (Mine Guitar) Line 1: Left Right (14-7 jack), line implus unbalanced Not available No Line (Left/Right): 14-7 jacks, +20dBm, 12 &Ohm, unbalanced Not search and the support of the su	Yes v. 9 Yes (v. 4) Orange leds Virtual Quarter Toor / Micro training SubScale Keypad 15 Yes No Damper pedial (supports half-geedling with the optional DS-1H pedial) Assignable podal x 1 / switch x 1 ECS mallowwich pedal input Micr Corebs XIR Ishareed with Giani control and Phantone Power No Guitar Input Line 1: Left Right (14" jok) line input, subshareed Line 2: Serees (18" mini-jok) line input, subshareed Line 2: Serees (18" mini-jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed with Giani (18" jok) line input, subshareed Line 2: Serees (18" mini-jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed with Giani (18" jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed with Giani (18" jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed (18" jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed (18" jok) line input, subshareed Virtual Part of the Corebs XIR Ishareed (18" jok) line input, subshareed Virtual Micro output is set to Separate Outs, is in hardwired for I AND 2 (not possible to choose only one of them) Separate Outs, is in hardwired for I AND 2 (not possible to choose only one of them) Separate Outs, is in hardwired for I AND 2 (not possible to choose only one of them) Separate Outs, is hardwired for I AND 2 (not possible to choose only one of them) No No No No No No No No No No	Per (s. 4) RCBI lefe (Mostly) Virtual Quarter Tone / Micro tuning SubScale Keypud 16 Yes Yes Damper pedal (supports Indip-pedaling with the optional DS-HI pedal) Assignable pedal 12 / 2 / switch x 1 No ECS Input Micro Mono with Gain control and Phantom Power (Corribo XLR, balanced) Guitar: Mono with Gain control (Fire of Mostle, and Mostle, and Color of Corribo XLR, balanced) Line13-th/Right (14** jacks, balanced) Line2-Steree (18** mini-jack, unbalanced) No Left/Right (14** jacks, balanced) 4 Separate One 1/2/14 (14** jack) balanced 4 Separate One 1/2/14 (14** jack) balanced When Micro Guitar output is set to Separate One 1/2/14 (14** jack) balanced When Micro Guitar output is set to Separate One 1/2/14 (14** jack) balanced No No No No No No No No No N	Specific Fill In Buttons Led of Micro tuning SubScale Key User Scale Presets men Micro tuning Scales memorized inside Separate Audio I Separate Audio I Digital Audio I Digital Audio Out Internal Speaker Separate MIDI Vet General MIDI Separate Audio I USB Storage compations of Wife I USB Storage C
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ard Category/Fav Voice Knobs Voice Button Controls Physical Drawbars ic Fill In Buttons as Led colors tuning SubScale Keypad Voice Presets memories tuning Scales memorized inside Styles tuning Scales memorized inside Keyboard er pedal able pedal / switch aputs Input Audio Inputs Audio Inputs Audio Inputs Audio Outputs at Audio Outputs at Peaker System er System Ports Version al MIDI Versions o MIDI Setups implementation oth Audio / Midi Lan support Eypa A Eype B Speed Storage Storage compatibility SD card input out out out out out out out	Digital Drawbars: 9 footages, percussion, k No Digital Drawbars: 9 footages, percussion, k No Orange Virtual Quarter Tone/ Micro tuning SubScale Keypad 4 Yes No Damper pedal (supports half-pedalin Assignable pedal s No ECS Mic/Guitar (Shared with Left line input): L 12 kOhm (Mic) / 50 Line 1: Left/Right (1/4" jack) / 50 Line 1: Left/Right): 1/4" jacks, +2 No separat No Line (Left/Right): 1/4" jacks, +2 No separat Headphone output (1/4" jack), 16-3 No Amplification Speakers: 2 x Dual Cone Spe IN, OUT standard M 1.0 USB to MIDI using Eight user definabl Not fully documen No / N No / N Type A (HOST, for memory and Type B (DEVICE, for personal comp 2.0 High-Speed connec Devices can be connected ti Internal memory Loft in the male memory USB external drives (microSD card input x 1 (no SD Card inek) Official max s RCA (Odficial max s RCA (Odficial max) or RCA (Odficial ma	leds Physical and Virtual Quarter Tone/ Micro tuning SubScale Keypad s g with the optional DS-1H pedal) x 1 / switch x 1 Input A	No No Orange leds Virtual Quarter Tronc/Micro tuning StabScale Keypad 4 Yes No Damper pedal (supports helf-pedalist y 1 / wields 1 No (25 hppe) No Damper pedal (supports helf-pedalist y 1 / wields 1 No (25 hppe) MicCutater (Shared with Lat Ill me appt) 179 * get, with Gain control (0 - 4 dddll) 12 kC/lmr (Micro) 140 kC/lmr (Micro) 12 kC/lmr (Micro) 140 kC/l	Yes v. 9 Yes v. 6.1 Orange Jeds Virtual Quarter Tone / Micro tuning SubSeals Keypad 15 Yes No Damper pedal (supports half-pedaling with the optional DS-HI pedal) Assignable pedal v. I / winch v. 1 Et S' matthewide pedal input Micr Corrbo VLR balanced with cain centrol and Planton Power No Guitar Input Line: 1-LeRRight (14" jusk) lant input No Left Right (14" jusk) lant input Line: 1-LeRRight (14" jusk) lant input No Left Right (14" jusk) lant input No Left Right (14" jusk) lant input No No No No No No No No No N	Yes (x 4) RGII lack (Month) Virinal Quarter Tore / Misson tuning SoliScale Keypad 16 Yes Yes Tore Damper pedal (supports half-pedaling with the optional DS-111 pedal) Assignable pedal x 2 / swisch x 1 No ESS liquit Mist Mone will Guin control (1487 pek, imbalanced) Guitar-Mone with Guin control (1487 pek, imbalanced) Line 1. Erb/Right (1477 pick, balanced) Line 1. Erb/Right (1477 pick, balanced) Line 1. Erb/Right (1477 pick) balanced) No Left Right (1477 pick) balanced) No Left Right (1477 pick) balanced) When Mis or Guitar output is set to Separate Outs, it is hardwised for 1 AND 2 or 3 AND 4 (not possible to choose only one of them) Separate output (1477 pick) No No No No internal speakers Ib, OLT, THEU standard MIDI connecture 1.0 1.4 2 USB to MIDI using the USB ports 16 user definable MIDI Sensps Not fully decumented by manuals No / No No / No Type A (for suringe davies and commollers): x 3 (1 front, 2 rear) Type B (DEVICE, for personal computers, DAW and tables) x 1 (rear) Type B (DEVICE, for personal computers, DAW and tables) x 1 (rear) The Open Cast of the Cast o	Specific Fill In Brown Buttons Led of Micro tuning SubScale Kon User Scale Presets men Micro tuning Scales memorized inside to Main Assignable pedal / see Control of Micro Guitar Line 1 Audio 1