Description \ Products	SD3	MIDJAY Pro	SD40	SD90 Pro	AUDYA 4	SD1000
KEYBOARD VERSIONS	**SD5** (61 Keys, Joy stick), **SD8** (Chromatic button keyboard, dedicated modulation and pitch wheels)	N/A	**SD7** (61 Keys with speakers, joy stick) & **SD80** (Button Accordion with speakers, joy stick)	**SD9** (76 Full Size Keys semi-weighted, dedicated modulation and pitch bend wheels), **SD60** (61 Keys soft weighted with speakers, joy stick)	**Audya 5** (61 Keys, Joy stick), **Audya** (76 Keys, dedicated modulation and pitch bend wheels, SPDIF In/Out), **Audya 8** (Chromatic button keyboard, dedicated modulation and pitch wheels)	N/A
PROGRAMMABLE BUTTONS/SCREEN ICONS/SLIDDERS	16 on pannel. Mode select for Drums on/ff, SFX, GM Part access, Programmable, Registration Groups by Name, Arabic scale.	N/A	5 On screen	5 On screen	**16 on Pannel. 1 Slidder. Mode select for Drums on/ff, SFX, GM Part access, Programmable, Registration Groups by Name, Arabic scale.**	N/A
POLYPHONY	64 notes. 32 Multi timbral parts.	128 notes. 48 Multi timbral parts.	128 notes. 48 multi timbral parts.	128 notes. 64 Multi timbral parts.	**197 notes. 32 Multi timbral parts.**	128 motes. 32 multi tibral (2X16) parts.
DISPLAY SCREEN TYPE	240 X 128 Back lit graphic TCF	7" - TFT Color display	7" - TFT Color display	**7" - TFT CAPACITIVE (like I-Pad) Color display**	320 X 240 pixel. Color Graphic display	N/A
MULTI MEDIA Player (DJ Features)	With USB & Audio Card Reader installed - Mp3, Wave & Midifiles.	**2 Audio & Midi Player. Tempo & Pitch stretching. Pre Fader Listen (PFL). Sync. Tap Tempo. Cue. Fx Pad. Back Spin. Break. Player1. Player2 (Wav, Midi, Mp3, Mp4, Avi, Flv, Jpg. Txt, PDF). Real time stretching on Audio and Audio Transposition.**	Single PLAYER (Wav, Midi, Mp3, Mp4, Avi, Flv, Jpg. PDF). Real time stretching on Audio and Audio Transposition.	2 Audio & Midi Player (Wav, Midi, Mp3, Mp4, Avi, Flv, Jpg. Txt, PDF). Real time stretching on Audio and Audio Transposition.	**5 Audio and Midi Players. Wave, Mp3 and Midifile Multi Player. Real time stretching on Audio and Audio Transposition. DJ Loop,, Sfx, Play List. 2 Tracks HD Recording.**	N/A
SOUNDS (FACTORY)	290 Voices. 1000 Percussive Sounds. 110 User Voices.	512 Voices. 47 Drums Sets. 267 Audio Drum Grooves. Audio Drum Modelling. 368 User/Programmable Voices. Drum Mixer. Manual Drums. 3 Splits. 3 Layers. Harmony assignable to any of 3 voices.	668 Voices. 48 Drum Sets. Live Drum Kit. Drum Modelling. Drum Mixer. Manual Drums. 368 User/Programmable voices. 3 Splits. 3 Layers. Harmony assignable to any of 3 voices.	**672 Voices. 61 Drum Sets (3 Live Drum Kits). Drum Mixer. Manual Drums. 80 Progammable and styles assignable. 1500 User/Programmable voices. 3 Splits. 3 Layers. Harmony assignable to any of 3 voices.**	512 Voices. 51 Drum Sets. 3 Super Kits. 24 User Drum Sets. 10 Percussion Sections. Drum Mixer. Manual Drums. Multi Layer Voices (VCE-2 Articulation). 3 Splits. 3 Layers. Trigger with KEY ON/OFF Technology. Voice Morphing with programmable Key on/off time. Harmony assignable to any of 3 voices.	512 Voices. 4 Sound Banks. 37 Drum Sets. Live Drum Modelling. Multi Layer Snares. Noise and Slide Articulations (VCE).
ASSIGNABLE VOICES (Including 2nd Voice on Right)	2 LEFT. 5 RIGHT	2 LEFT. 4 RIGHT	2 LEFT. 4 RIGHT	2 LEFT. 4 RIGHT	2 LEFT. 1 DEDICATED LEFT. 4 RIGHT	Variable based on Midi channel assignment.
ORGAN DRAWBARS	YES (Presets)	YES (Presets)	YES (Presets)	YES (Presets)	**YES. EDITABLE:- 9 Drawbar Slidders. Rotor Click. Percussion. Over Drive.**	Controlled via PC Software.

Digital Sound Processing	60 Programmable. Chorus. Reverb. Flanger. Phaser. Tremlo. Rotary. Echo. Delay.	54 Inserts. 10 Programmable insert chains. Chorus. Reverb. Flanger. Phaser. Tremlo. Rotary. Echo. Delay.	54 Inserts. 10 Programmable insert chains. Chorus. Reverb. Flanger. Phaser. Tremlo. Rotary. Echo. Delay.	**2 X DSP with separate Reverb and Chorus units. 64 Inserts. 10 Programmable insert chains. Chorus. Reverb. Flanger. Phaser. Tremlo. Rotary. Echo. Delay. Auto Pan. Echo Delay. Tap Delay. Equalizer. Distortion. Amp Simulator. Compressor, Filter.**	3 Multi Effects DSP. 54 Inserts. 10 Programmable insert chains. Chorus. Reverb. Flanger. Phaser. Tremlo. Rotary. Echo. Delay. Parametric 4 bands EQ	2 X Effects inserts with 16 Presets. High quality Distortion. EQ.
AJAMSONIC SOUNDS (When installed)	N/A	N/A	**140**	**140**	70 (Additional 140 in Hard Drive can be loaded into RAM)	20
USER/PROGRAMMABLE VOICES	110 (3 Layers + 2nd Voice)	368 (3 Layers + 2nd Voice)	368 (3 Layers + 2nd Voice)	**1500 (3 Layers + 2nd Voice)**	**300 (4 Layers + 2nd Voice)**	N/A
FAVORITE VOICE LOCATIONS/VOICE LIST	YES	YES	YES	YES	YES	N/A
VOICES LINKED TO STYLES/MIDIFILES/WAVE/ MP3 (1 TOUCH)	60	40	40	**80**	20	N/A
Live Panel Control Volumes (Drums, Bass, Chords, Master volume ...etc)	1 Slidder	**11 Slidders**	7 Knobs	**11 Slidders**	**17 Slidders**	N/A
STYLES / ARRANGER (FACTORY)	128 - with Midi Drums & Audio Grooves. RIFF Styles.	143 - with Midi Drums & Audio Grooves.	260 - with Midi Drums & Audio Grooves. RIFF Styles with AJAMSONIC package installed.	**400 (Includes all SD40 Factory styles). RIFF Styles with AJAMSONIC Package installed.**	570 Styles with Audio Live Drums and Audio Live Accoustic and Electric Giutar. Bank Modelling Libraries (Drum, Grooves, Bass, Piano, Guitar 1 & 2, Arpagio, Live Guitar. RIFF styles.	N/A
AJAMSONIC STYLES (when installed)	260 with Pattern Expansion FLASH memory.	140 - with Midi Drums & Audio Grooves. RIFF Styles.	140 - with Midi Drums & Audio Grooves. RIFF Styles.	**260 -with Midi Drums, Audio Grooves and Live Audio Drums. RIFF Styles.**	**240 -with Midi Drums, Audio Grooves and Live Audio Drums.**	N/A
STYLE CREATOR (making your own styles from scratch)	YES	(Requires external software)	**YES (Includes individual style parts EXPORTED to Midifile)**	**YES (Includes individual style parts EXPORTED to Midifile)**	**YES (Robust Editor)**	N/A

DRUM MIXER	YES (Volume, SFX, Mute, Pan)	YES (Volume, SFX, Mute, Pan)	YES (Volume, SFX, Mute, Pan)	YES (Volume, SFX, Mute, Pan), Midi Drum Compressor, Audio Drum time stretch, Audio Drum Eq (presets)	YES (Volume, SFX, Mute, Pan), Audio Drum time stretch, Audio Drum Parametric EQ,	Via PC
LIVE AUDIO DRUMS (Used in both Factory and User Styles)	N/A	N/A	N/A	100 (Standard). 650 (With AJAMSONIC Upgrade kit installed). Time stretch. EQ (Presets). Accepts USER Audio Live Drums.	370 (Standard). 1500 (With AJAMSONIC Upgrade kit installed). Time stretch. EQ (Presets & User Programmable). Accepts USER Audio Live Drums.	N/A
AUDIO DRUMS / GROOVES (Sliced Audio Drum parts)	YES	YES	YES	YES	YES	244. Includes Latin Percussions and Grooves. Download at www.Ketron.it
REMIX LIVE AUDIO DRUMS & GROOVES WITH MIDIFILES	N/A	YES	YES	YES	YES	N/A
LIVE AUDIO GUITARS	N/A	N/A	N/A	150 (Standard). 180 (With AJAMSONIC Upgrade kit installed)	100 (Standard). 150 (With AJAMSONIC Upgrade kit installed). Interactive Live GUITAR. Accepts User Live Guitar.	N/A
REMIX LIVE AUDIO GUITAR WITH MIDIFILES	N/A	N/A	N/A	N/A	YES	N/A
MIDIFILE EDITOR	YES (Vol, Rev, Chorus, Pan, Voice), Save with new changes/modifications.	YES (Vol, Rev, Chorus, Pan, Voice), GM Voice Edit (ADR, VCF, LFO), Assignable Tracks, Voice Change, Track insert EFX, Save with new changes/modifications.	YES (Vol, Rev, Chorus, Pan, Voice), GM Voice Edit (ADR, VCF, LFO), Assignable Tracks, Voice Change, Track insert EFX, Save with new changes/modifications.	YES (Vol, Rev, Chorus, Pan, Voice), GM Voice Edit (ADR, VCF, LFO), Assignable Tracks, Voice Change, Track insert EFX, Save with new changes/modifications.	YES (Vol, Rev, Chorus, Pan, Voice), GM Voice Edit (ADR, VCF, LFO), Assignable Tracks, Voice Change, Save with new changes/modifications.	Via DAW/Software

Feature						
LAUNCHPAD (SEQUENCER & STYLE MERGER TOOL)	N/A	N/A	N/A	**YES.** **2048 LaunchPad Projects. 6 scenes with 12 pads each (midi or audio content). 30 Internal Demos. Each Scene can use up to 3 Audio/Wav files with time stretching & Midi Sync. Drum Kit looper. Style import. Chord sequencer. Pad Recorder (midi). Song Arranger & Recorder.**	N/A	N/A
MODELLING/LIVE MODELLING (Style Modelling Library with Live Drums, Grooves, Bass, Piano, Guitar, Brass, Strings, Pad/Synth templates)	N/A	N/A	YES	YES (+ LIVE AUDIO Drms & Live Audio Guitar) in LIVE MODELLING	YES (+Arp& Lyc + LIVE AUDIO Drums & Live Audio Guitar) - in VIEW mode	N/A
SAMPLER/USER MEMORY	N/A	N/A	N/A	**400mb Max. Load/Create your own samples (Sounds and Drum Kits). Edit individual wave files. SF2 compliant. 44,1 Khz 16 bits Format**	64MB (Expandable to 256). 44,1 Khz 16 bits Format (MSP). Load/Create your own samples. Drum Kit creation (AjamSonic/KETRON).	N/A
MICROPHONE	1 Mic. Effects. Volume. 10 Band EQ. Echo. Reverb. Pitch. Shift. Talk.	1 Mic. Effects. Volume	1 Mic. Effects. Volume	1 Mic. Effects. Volume. Echo. Reverb. Pan. Pitch Shift. Talk Mode (mute effects).	**2 Mic inputs (XLR). Individual Gain Control. 10 Band EQ (Programmable), Echo. Reverb. Pan. Pitch Shift. Talk Mode (mute effects). Voice Transform.**	N/A
VOCALIZER / VOICETRON	OPTIONAL (3 Parts max with Presets. User). Advance Editing. Male/Female Voice Programmable. Midifile Vocalizer Track follow.	3 Voices Parts Max. On / Off only.	3 Voices Part Max. 10 Presets. 10 User.	3 Voices Part Max. Manual. Unison. Mid Mode (follow Midifiles). Pitch Corretion. Autotune. 10 User Programable.	**5 Voices Part Max. Manual. Unison. Mid Mode (follow Midifiles). Pitch Correction. Autotune. 10 User Programable. Compressor. Limiter**	N/A
HD RECORDING	MIDIFILE	1 STEREO Track recording (Wave)	Audio & Midifile. 1 STEREO Track recording (Wave). Loop/Phrase Recording. Song Recording (10 mins max. per recording). Audio Edit with Cut, Normalize, Midi Recording (16 Tracks). Replace & Over dubbing.	Audio and Midifile. 1 STEREO Track recording (Wave). Loop/Phrase Recording. Song Recording (10 mins max. per recording). Audio Edit with Cut, Normalize, Midi Recording (16 Tracks). Replace & Over dubbing.	**Audio (Mp3 & Wave), Midifile, & Macro recording. 1 STEREO Track Recording (Wave & MP3 Encoder). Macro Recording. Audio Edit with Cut, Normalize, Midi Recording (16 Tracks). Replace & Over dubbing.**	N/A

KEYTUNE (Assign Audio/Wave/Mp3 files to Keys - Playback one shot or Loop)	N/A	N/A	N/A	N/A	YES	N/A
OUTPUTS	2 STEREO (L&R), Headphones	2 STEREO (L&R), Headphones	2 STEREO (L&R), Headphones/Aux Programmable (Drums, Bass, Chords, Lead Voice)	2 STEREO (L&R), Headphones/Aux Programmable (Drums, Bass, Chords, Lead Voice)	2 STEREO (L&R), 4 Aux (Programmable ALL parts), Headphones. SPDIF (Audya ONLY)	LEFT/RIGHT RCA Stereo. Headphones out (1/8" jack).
INPUTS	Mic1. (Mic2 1 with optional adaptor).	Mic1. Line in/Guitar/Mic2	Mic1. Line in/Guitar/Mic2, Volume	Mic1. Line in/Guitar/Mic2, Sustain, Volume	2 XLR Mic inputs. 2 Line Inputs (Stereo), Sustain, Volume, Footswitch (6 or 13)	N/A
LINE IN TRANSPOSITION (play back from e.g Ipod)	N/A	N/A	N/A	N/A	YES	N/A
SUSTAIN PEDAL Jack (Sustain. Programmable for Chord Lock with Midi Guitar/Pianist mode, Rotor Slow/Fast with Organ Lesslie)	YES	N/A	N/A	YES	YES	N/A
REGISTRATION (SONG BOOK/SONG SETUP)	198	1024 Registrations X 4 Banks. Full Panel and functions storage/settings. Registration linked to any 1 file (wave, Mp3, Video, Midifile, Text. PDF)	1024 Registrations X 4 Banks. Full Panel and functions storage/settings. Registration linked to any 1 file (wave, Mp3, Video, Midifile, Text. PDF)	1024 Registrations X 4 Banks. Full Panel and functions storage/settings. Registration linked to any 1 file (wave, Mp3, Video, Midifile, Text. PDF). 4 Playbox with 1024 files per folder (midifiles, wave, Mp3). LaunchPad setup recall.	9999 Registrations. Full Panel and functions storage/settings. BLOCK Registration linked to any 20 files at once for instant recall (waves, Mp3s, Midifiles, Texts, styles, voices, Registrations).	N/A
CONNECTION TO COMPUTER	SERIAL (Via KETRON Software)	USB	USB	USB	USB	USB
USB MIDI CONTROLER	N/A	YES.	YES.	YES.	N/A	N/A
MIDI	4 (In1/GM, In2/Keyboard, Out, Thru)	3 (In, Out. Thru)	4 (In1/GM, In2/Keyboard, Out, Thru)	4 (In1/GM, In2/Keyboard, Out, Thru)	4 (In1/GM, In2/Keyboard, Out, Thru)	In, Out, USB
DISK STORAGE (internal)	OPTIONAL (20GB Max)	8GB SSD (16GB SSD with AJAMSONIC Upgrade - upgradable to 500GB)	8GB SSD (16GB SSD with AJAMSONIC Upgrade - upgradable to 500GB)	8GB SSD (16GB SSD with AJAMSONIC Upgrade - upgradable to 500GB)	80GB HD (Upgradable to 60GB AJAMSONIC SSD Drive - Faster and more reliable than HD).	N/A
MULTI-LANGUAGE SCREEN DISPLAY (English, Italian & German)	N/A	N/A	N/A	N/A	YES	N/A

	1 USB (standard). Upgradabe to 1 USB + 1 SD Card Audio Player	3 USB + 1 SD Card	3 USB + 1 SD Card	3 USB + 1 SD Card	2 USB	N/A
USB / SD MEDIA						
DIMENSIONS	(LXWXH) = 39" X 17" X 6"	(LXWXH) =	(LXWXH) = 13 X 7.1 X 4	(LXWXH) = 16.7" X 10.1" X 4.5"	(LXWXH) = 21" X 13" X 5"	(L X W X H) = 4" X 3" X 1"
WEIGHT	9 lbs	7.7 lbs	4.4 lbs	8 lbs	15 lbs	1 lbs
MANUAL (Hard/Soft internal copy)	Hard	Soft/Internal	Soft/Internal	Soft/Internal	Hard	Hard
DVD TUTORIAL	YES	YES	In Progress	In Progress	YES	N/A