

AUDYA

advanced music station

Ajamsonic



KETRON

BEST NATURAL SOUNDS

1 LDC
OUT
IN
LEFT / RIGHT
FOOT SWITCH
SUSTAIN
PEDAL
TRIGG (DR) / DRG (DRTR)
OUT
THRU
COMPUTER
INTERFACE
VIDEO
INTERFACE
~ 110-220 VAC 50/60 Hz
FUSE 1 T4A-L
MIDI
SWITCH

AUDYA

Advanced Music Station

Audya represents the new state-of-the-art modern arranger keyboard. It has a powerful audio multiplayer, a high quality sound engine and unique automatic accompaniment features. The rich set of interfaces include a versatile video support, configurable audio connections and three USB ports to connect to computers and other multimedia devices. Thanks to the possibility to play and control audio files together with styles and MIDI files, Audya overcomes the limitations usually encountered by conventional entertainment keyboards.

Live Drums

Audya revolutionises the world of automatic accompaniment arranger workstations by introducing innovative audio sequences of drums and percussions, synchronised with the MIDI clock.

The rhythmic sections of traditional arranger keyboards, performed with drum set, are almost always very mechanical, lacking the emotions and feelings that a good drummer is able to offer. Audya overcomes these limitations with its rich library of audio settings: real artistic drummers and percussionists have collaborated in the project and their tracks have been adapted as a rhythmic section of the styles and can also be synchronised with MIDI files. The true novelty is the freedom to synchronise these tracks at pleasure with your own music, in real time, without noticeable distortions or loss in sound quality.

Live Accompaniment

The revolution of Audya is not just limited to percussions ~ that would be too easy! There are many audio accompaniments of acoustic and electric guitars which are playable in all keys and thus maintain the characteristic technique of most popular musical genders. This yields to tones and effects that would be otherwise impossible to achieve with just MIDI implementations alone.

These live audio accompaniment parts too (just like the drums) are perfectly synchronised with the styles and can also be synchronised with MIDI files. They maintain their pitch even if and when the tempo is changed!

Ketron Audya: the new reference point for professional live players

Professional Multiplayer

Backed by the Midijay experience, Ketron raised the performance of Audya's multiplayer to new levels of excellence. Audya can play up to six tracks simultaneously, dual WAV, dual MP3 and dual MIDI files with DJ features such as the possibility of listening to songs first within headphones before playing through the system, playlists, crossfades ... etc. The tempo and transpose controls for MIDI also work with WAV and MP3 files, in real time, without loss in quality. Audya can also record the entire musical performance onto the Internal hard disk, either in WAV or MP3 format, with CD quality (16 bit at 44,1 KHz). Its built-in hard disk of 80 GB will store all your music and relevant data files. A 4-band equalizer and the possibility to rip audio tracks from an audio CD (connected to it via USB) completes this outstanding multiplayer. To fully exploit this multiplayer, Ketron supplied Audya with a rich variety of DJ loops, ambience sounds and special effects, all of professional quality.

New Sound Generation

Following Ketron's Best Natural Sounds tradition, Audya includes a new sound engine of very high quality indeed: an amazing 360 MB of stereo and multilayer sound storage, including a new Stereo Grand Piano with an outstanding natural resonance. Some orchestral voices reach levels of absolute excellence, no less than those of well known dedicated software. The new wind instruments of Audya exceed all the former expressive standards of Ketron. There are an additional 64 MBs of RAM for personalised sounds that can be quickly loaded from disk while playing. You can also re-write up to 32 MBs of the internal wavetable with a completely new Sound Bank. Audya also has a renewed DSP section, with new Rotor, Distortion, Phaser, Flanger, Tremolo, Chorus, Reverb effects and much more.

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Vocetron - Ketron's New Vocalizer

Audya has a new vocalizer of five voices that performs with the best standards on the market. The vocalizer is easy to use thanks to the extended preset library, but it can also be edited by the musician with controls over the harmonic content of the voice, equalization and effects. The vocalizer works in real time on one of the two microphone inputs of Audya, it has dedicated reverb and delay functions and can be controlled manually with the keyboard or automatically, via arranger or MIDI files. An innovative linking method of the chords means that Vocetron is able to interpret musical passages according to the rules of traditional harmony.

User interface

Audya has a new keybed of 76 semi-weighted keys, with aftertouch and portamento. The control panel is designed to help the musician, especially in live situations. Seventeen sliders, (with one assignable), offer an efficient control of volumes and effects.

The instrument's current status is pointed out by the various LEDs built into the keys and by the graphics that appear on the integrated colour display (LCD TFT technology with a resolution of 320x240). The user interface is similar to that of modern computers, so it is pretty easy to use.

A new revolutionary Registration structure means that you can save and instantly recall not only the general state of the instrument (Sounds, Styles, Volumes, Micro etc.) but also any links to an audio source required for the performance, for example a Wave, an Mp3, a Midi file and even a Playlist. There is also a Language menu (8 languages) for the customised viewing of the most important functions of the instrument.

Via its video port, Audya can display colour images with lyrics synchronised with the music onto a larger TV screen (PAL or NTSC) or on a VGA monitor. As an alternative, it can show an exact copy of the LCD display (Mirror).

Audio Connections

Audya offers an absolutely complete set of inputs and outputs, both analogue and digital. Together with the typical pair of stereo audio outputs, there are four separate outputs that can be configured as auxiliary stereo audio outputs or as mono audio outputs (with or without DSP effects). Audya also has two stereo input lines, an output for headphones, two Combo inputs (XLR + 1/4") for the microphone and a dedicated output for the metronome click. Audya offers a digital input and output in S/PDIF standard and four MIDI ports.

USB / Multimedia

Audya and its internal Hard Disk can easily be connected via USB to a computer to edit the musical contents of the instrument and to back-up files. Furthermore, two USB host ports accept many mass storage devices, such as the very popular USB sticks, external USB hard drives, CD and DVD readers, to be able to exchange data externally with absolute ease.





AUDYA AJAMSONIC Advanced Music Station

SPECIFICATIONS	AJAMSONIC AUDYA	STANDARD AUDYA	NOTES
GENERAL	YES	YES	Pitch, modulation, After touch and portamento controls. Operating System is updateable via USB port. 17 Volume slider controls (1 assignable), 10 assignable user button functions
DISPLAY	YES	YES	32x240 pixel FTT color graphic display
Far and beyond Product Support	YES	NO	We can be reached via telephone, text or emails and even Facebook for all your concerns and needs. Unlike many online and huge retail stores today, our service doesn't end when you walk out the door with our product. It just started. Deal with a team that actually cares about the product ... and you.
Number of keys	76	76	AUDYA 5 has 5 octaves (61) semi weighted keys for the organist, while AUDYA has 6 octaves (76) semi weighted keys - both with 8 dynamic curves for the Piano player. Audya 4 is a module with identical specifications to the AUDYA 5 - just without keys and mod/jog wheels (for professional Guitarist, Accordion players ...etc)
USB & MASS STORAGE DEVICES	120GB SSD (Solid State Drive)	80GB HD ATA 2.5"	Also, both include 2 USB Device ports, 1 USB host port, USB Floppy Disk, MP3 Players, CD-ROM, and DVD-ROM, External HD.
SOUND GENERATION & POLYPHONY	YES 120 AJAMSONIC VOICES (New Workstation Pads, Synth, Live Guitars, Real Piano, New Sax ... etc)	YES (No AJAMSONIC Voices)	360mb PCM wave table with 32mb re-writable 197 notes polyphony (the highest in it's class). 384 Orchestral presets. Stereo and Multi layered voices. 512 GM Sounds. 32 parts multitimbral.
VOICE LIST	320 (180 have already been assigned for you and all you do is select a style and play).	320 - which you can assign	These are the voices you can assign to each style in the keyboard for faster access. In the AJAMSONIC version, this has already been done for you ~ where professional musicians have carefully matched each pattern to 10 voices associated with that pattern. This greatly reduces the search for sounds once a desired pattern is selected.
VOICE TO STYLE (AUTO 1 TOUCH)	YES Already assigned for you and you can edit them.	YES - But you have to assign them.	For every Pattern, you can instantly assign 4 voice to each variation part of the style so as you switch from Variation to Variation, the lead voices automatically change for you - very useful for guitar and accordion players.
ORGAN DRAWBARS	YES	YES	9 digital drawbars, slow/fast rotor speeds, percussion and overdrive
PROGRAMS (COMBINATION OF 1, 2 or 3 SOUNDS)	320 (with 40 AJAMSONIC PROGRAMS)	320 STANDARD	320 Programs. 3 Voices layered (+1 [2nd Voice]), 3 Split points (editable). Functions include:- Sustain, portamento, velocity switching between voices, duet, trio, morphing, steel, slide, harmony. EDITING:- ADSR, cut off, resonance, effects. 2nd Voice assignable



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SAMPLER/RAM/INS	128mb RAM (upgradable to 256mb)	64mb RAM (Upgradable to 128mb or 256mb)	Sounds loadable from Disk. Quick loading in multi-task mode. 44.1 KHz Multi Sampler Editors. Waves can be synchronized to Patterns and Midifiles. New intuitive user interface.
PROFESSIONAL AUDIO & MIDI MULTI-PLAYER	YES	YES	Dual Wav, dual Mp3, Dual Midifile player. Real time stretching and audio transposition. Play list, Autoplay. Stereo Audio recording instantly to Hard Disk/SSD. MP3 encoder (with editabe resolution). Audio Ripper from CD with wave transformation and built-in saving. SMF player with KAR file (karaoke) and Txt file (Text). KAR and MIDIFile conversion from type 0 to 1. Jukebox. Intelligent transposition. Song Chain. Drum and Bass unplugged. Lead on/off. Possibility to save new song set up (transposition, allignment with text file) within midifile.
AUDIO REMIX	YES	YES	Synchronization of AUDIO tracks to MIDIFILES or/and Patterns/Styles.
SONG SETTINGS/REGISERS	YES - over 400 Pre-Programmed song settings to hit tunes	YES	320 Global Panel Settings. Single and Block Mode. Song settings recorded include Pattern used, Voices used, favorite voices for song, Midi settings, text/lyric, Mp3, wave .. etc
SEQUENCER	YES	YES	Real time Song Recording. Partial sequencer editor - (up to 32 X 7 measures per song). Over 100,000 Sequences can be programmed with 7 Midi tracks and 1 Stereo Audio Track. Sequence can also include Arps
GROOVE & MIDI DRUMS =====	YES	YES	62 Live Drums (Accoustics, Electric, Jazz and Latin Loops). 32 Midi Drum sets. 24 user Drum Sets. 10 Percussion Sections. Drum Mixer. Manual Drums.
AUDIO DRUMS	(Over 1700 new Audio Drum loops with AI)		
REAL AUDIO ARRANGER & PATTERN SEQUENCER	OVER 700 PATTERNS AND STYLES including a vast library for the American and Caribbean markets	Up to 300 STYLES	Real Audio Drums sequences. Live accompaniment tracks including Audio Accoustic and Electri Guitars. 4 Arrangers per style/Pattern:- A, B, C, D. 3 Intros & Endings, 4 Fills, 4 Breaks. Manual Bass. Jump. Tap Tempo. Accelerando-ritardando. Auto Mute for single Arranger parts, After fill. Slow/Fast Tempo with time stretching on Audio Drums and Guitars. Bass Pedal board functions. Recognition of Standard and Rootless Chords. Assignable voice to Arranger. Pianist: Standard and auto mode. Bassist
ARABIC SCALE	YES	YES	13 Settings for the Arabic Scale, assignable with footswitch. Tuning +/- 99 cents of a note
ACCORDION	YES	YES	Accordion functions with International and Belgian systems. Controllable dynamics of bass and chords. Octave selectable on manual bass and chord. Manual drums on bass and chords



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OCTAVE / DOUBLE HARMONY	YES	YES	Octave Selection +/- 24 semitones. Octave Doubling. Harmony:- Full, jazz, bluegrass, trill, repeat, folk 1, folk 2, 2 hands, echo-tap
DSP EFFECTS	YES	YES	3 new multi effects DSPs. Reverb, chorus, flanger, delay, phaser, tremolo, tap delay 4/8. wha-wha, distortion, overdrive, slow/fast rotor, parametric 4-band Equalizer.
2 MICROPHONE INPUT	YES - Preloaded with over 10 Professional Mic settings based on the current industry standards (effects, mic modelling ... etc).	YES	2 Microphone inputs with separate gain control, 10-band equalizer, echo, reverb, pan, pitch shift, talk mode, voice transformation
VOICETRON VOCALIZER	YES (Preloaded with 20 Professional Vocalizer & Vocoder settings for today's musicians).	YES	KETRON's harmonizer with 5 separate voices. Vocoder mode, auto harmony with the arranger, vocalizer track on Midifiles, advanced Editing on all 5 voices. AJAMSONIC adds presets like AUTOTUNE, DSP sync to Pattern/Style or Midifile ... etc
MIDI	YES	YES	4 Midi ports (In 1GM, in 2Kbd, Thru, Out). 32 Midi Channels. USB Midi. GM2 Standard
6 MULTIPLE AUDIO OUTPUTS	YES	YES	Main (L/mono & R), 4 separate assignable outputs (2 stereo or 4 mono) - can be assigned to individual tracks like bass, drums ... etc. Digital S/PDIF input and output (AUDYA ONLY). Stereo headphones
INPUTS	YES	YES	2 XLR Microphone inputs. 2 Line IN inputs (stereo). Sustain and Volume Pedal. Programmable Footswitch (FS13 or FS6).
VIDEO INTERFACE	YES	YES	NTSC (USA), PAL (EU), SUPER VHS Systems supported. VGA monitor mirror, zoom, karaoke. Screen size and positioning controls. 640X480 Resolution
Super Voice Articulation (VCE-2)	Yes	NO	This AJAMSONIC Voice Character Emulation - articulation feature allows for authentic voice replication never before experience in a keyboard. All instruments are brought to life including the characteristic / nuance of the instrument - rather than just the sample. You need to hear to believe <i>nuances of Guitars, Sax, Trumpets, gliss and bends ...etc!</i>
ARPEGGIOS (Playable Live)	Yes	No	Live Arpeggios you can now play as or together with LEAD voices. These are required for today's DANCE and TECHNO patterns and beats. This feature (<i>found predominantly in workstations</i>) brings the Arranger keyboard to life!
New AUDIO Guitars	Yes	No	New Audio Guitars added to the factory Audio Guitars. These guitars are automatically used by the appropriate patterns when required.



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120 AJAMSONIC LIVE PATTERNS/STYLES	Yes	No	You need to listen to believe. Styles that no longer sound like an Arranger with careful attention paid to details like drums panning, EQ, Effects applied to each style part (<i>all this studio work done so you don't have to</i>). The SUPER STYLE library puts patterns into this keyboard making it further stand out from the rest. Check out the new Soul Gospel Super style!
BONUS MP3 Files	Over 700	48	
Bonus Wave Files	Over 200	48	
MIDI Files	Over 1500	17	
AUTO HARMONY ON VOICES	Yes	No	Just like the auto pilot in an airplane, simply select a voice and AUDYA will now automatically select the appropriate harmony to go with the selected voice. All you do is play!
ACCESSORIES INCLUDED:- =====	YES	YES	Video Interface, Hard Drive, Voicetron vocalizer, Power cord, User Manual, Music Rest. =====
OPTIONAL:-			Hard Case, Sustain Pedal Piano type, Volume Pedal, FS6 or FS13 Effects Pedal controls, K8 Midi Bass Pedal board
POWER /VOLTAGE	YES	YES	Automatic Voltage detection (Plug & Play worldwide). 110v/60Hz ~ 240v/50Hz
DIMESIONS AND WEIGHT	YES	YES	AUDYA:- LXWXH = 45"X17"X6" / 114cmX43cmX15cm - Weight:- 38lbs/18.5Kg

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