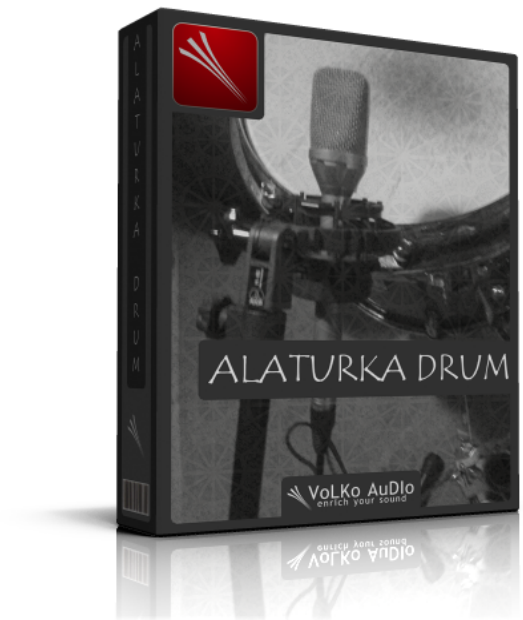
VOLKO ALATURKA DRUM

User's Manual

(Document Version 2.4)

by

Volko Audio Support Team



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Introduction

1.1 Benefits of Volko Alaturka Drum

Would you like an authentic drummer at hand? Volko Alaturka Drum is waiting for you, with its high quality sounds, user friendly interface and its preinstalled ready to use authentic rhythms. With only a few steps you can include your authentic drummer in your music. Volko Alaturka Drum adds new colors to your music by bringing the rhythms of Middle East, North Africa, Arabia and Anatolia.

1.1.1 General Features

- Real-time tempo change
- 900 MB 24/44.1 high quality sample library
- 10 velocity layers for every sound
- 3 drum kits: Gretsch - Renown Maple, Gretsch - Vintage Antique 1970, Istanbul-drums - Bubinga-Maple-Woodhoop
- Natural and processed samples
- 36 authentic styles
- 24 different variations and fills under every style
- Transferring the rhythm to the host program with the Drag & Drop functionality
- Direct usage of any style with any drum kit instantly
- Humanizing feature, limiter and reverb
- Grouping mixer

- For every channel play, mute/solo, velocity level, reverb, volume and 8 stereo output settings
- With internal bpm, usability independent from the tempo of the host program (i.e. using tempo 60 as 120)
- VST, AU and RTAS support
- Roland V-Drums compatible

1.1.2 Rhythms

- Ayoub-Zar, Baio, Chiftetelli
- Churchuna, Dabkkah, Darig
- Daza, Dishka, Fallahi
- Fazani, Jirk, Karachi
- Laz Havasi, Libi, Maghrebi
- Maksum, Malfuf, Mambo Sudani
- Masmoudy Kebir, Nubian Reggae, Nubian Samba
- Rai, Rhumba Khaligi, Rhumba Masri
- Roman Havasi, Saidi, Samai Thakil
- Sudasi, Sufi, Tom Tom
- Uncle Fallahi, Wahda, Wahrani
- Wals, Zafa, Zorofat

1.2 Record Notes

Drum pieces and cymbals were recorded by using the instruments below:

Microphones

- Neumann KM 140
- Neumann TLM170 R
- AKG D12E
- Microtech Gefell UMT70S
- Microtech Gefell M930
- Microtech Gefell SMS2000

Microphone Preamp

- Millennia HV-3R Remote Microphone Preamp

Digital Converter

- Lynx Aurora 16 Analog

Clock

- Studio Clock Mytek 192 CX

Recording Platform

- Pro Tools

1.3 Drum Pieces

Gretsch – Renown Maple

- **Kick:** 22" X 18" - Front: Evans Emad Clear with Matle Rear: Remo Ebony Ambassador Bass
- **Tom:** 10" X 10" - Top: Remo Coated Emperor Bottom: Evans General G1
- **Tom:** 12" X 12" - Top: Remo Coated Emperor Bottom: Evans General G1
- **Tom:** 14" X 14" - Top: Remo Coated Emperor Bottom: Evans General G1
- **Snare:** Sonor (1960) 14" X 5" - Top: WeatherKing Coated Ambassador Bottom: WeatherKing Ambassador Snare

Istanbuldrums – Bubinga – Maple – Woodhoop

- **Kick:** 22" X 18" - Front: Remo Ebony Powerstroke 3 Bass Rear: Remo Powerstroke coated 3 Bass
- **Tom:** 10" X 10" - Top: Remo Coated Ambassador Bottom: Clear Ambassador
- **Tom:** 14" X 14" - Top: Remo Coated Ambassador Bottom: Clear Ambassador
- **Tom:** 16" X 16" - Top: Remo Coated Ambassador Bottom: Clear Ambassador

- **Snare:** Full maple 14" X 6.5" Top: Coated Ambaassador Bottom: Remo Clear Snare

Gretsch - Vintage Antique 1970

- **Kick:** 20" X 14" - Front: Remo Powerstroke (Old) BASS Rear: Evans EQ1 Batter
- **Tom:** 12" X 8" - Top: Remo Ambassador Batter Bottom: Evans CAD/CAM Resonant tom-tom
- **Tom:** 14" X 14" - Top: Remo Coated Controlled Sound Bottom: Remo Coated Controlled Sound
- **Snare:** 14" X 5.5" - Top: WeatherKing Coated Ambassador Bottom: WeatherKing Ambassador Snare

For All Kit

- **Snare:** Yamaha Maple Custom 14" X 4"
- **Snare:** Yamaha Maple Custom 14" X 6,5"
- **Cymbal:** Istanbul Agop Jazz Serial 20" Ride
- **Cymbal:** Istanbul Agop 20" Turk Heavy Ride (Old)
- **Cymbal:** Istanbul Agop Azure 18" Crash
- **Cymbal:** Istanbul Agop 14" Crash Medium Crash 1
- **Cymbal:** Istanbul Agop 14" Crash Medium Crash 2
- **Cymbal:** Istanbul Agop Traditional Heavy 13" Hi-Hat

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Installation

In Windows platforms Volko Alaturka Drum will be installed under the plugin folder of your host station (for example, Steinberg hosts will have an installation path of C:/Program Files/Steinberg/Vstplugins). Installation program tries to identify it. If it cannot identify the plugin folder you have to enter the path manually during installation. In Mac OS X platforms four folders are used: Audio Unit module under /Library/Audio/Plug-Ins/Components, VST module under /Library/Audio/Plug-Ins/VST, RTAS module under /Library/Application Support/Digidesign/Plug-Ins and other modules under /Library/Application Support/VolkoAudio/VolkoAlaturkaDrum folders.

Volko Alaturka Drum is provided in the form of a plugin (the .dll file). This means that you will need to use it within audio production or editing software. There are many of these available for both MAC and PC, most of which provide free demos, and several of which are provided as free/shareware. Once you have chosen your host software, apply the following steps for installation:

1. Run the VolkoAlaturkaDrumx.x.x installer.
2. Choose the data installation path for Windows.
3. Choose VST plugin installation path for Windows (if VST is selected).
4. Click on Finish button to complete the installation.
5. Enjoy Volko Alaturka Drum!

3

Quick Start Guide

3.1 Pieces of the Plug-in

Figure 3.1: Rhythms & Styles

Rhythms: Selects the style to be played.

Styles: Ayoub-Zar, Baio, Chiftetelli, Churchuna, Dabkkah, Darig, Daza, Dishka, Fallahi, Fazani, Jirk, Karachi, Laz Havasi, Libi, Maghrebi, Maksum, Malfuf, Mambo Sudani, Masmoudy Kebir, Nubian Reggae, Nubian Samba, Rai, Rhumba Khaligi, Rhumba Masri, Roman Havasi, Saidi, Samai Thakil, Sudasi, Sufi, Tom Tom, Uncle Fallahi, Wahda, Wahrani, Wals, Zafa, Zorofat.

Figure 3.2: Instrument Setup

Instrument Setup: Selecs the drum kit. Three different drum kits with normal and wide options are available. The cymbals in normal kits consist of less velocity layers.

Figure 3.3: Natural/Processed

Natural/Processed: Specifies the sample type used.

Figure 3.4: Rhythm – Instrument Link

Rhythm – Instrument Link: When selected provides automatic adjusting of rhythm and instrument setup options. Every rhythm is written with a certain drum kit as base. When link is selected, that drum kit will be automatically chosen.

Figure 3.5: Variations & Fills

Variations: 24 different variations of the selected rhythm are chosen here.

Fills: For every variation a separate fill option can be selected using this scroll.

Figure 3.6: Variations – Fills Link

Variations – Fills Link: When selected provides running of variations and fills together.

Figure 3.7: Grouping Mixer

Grouping Mixer: Consists of 8 different groups. Every group has 7 adjustments.

- **Play:** Plays the sound that belongs to that group.
- **Mute:** Mutes the group.
- **Solo:** Plays only that group.
- **Velocity:** Adjusts the max. velocity of the sounds of the group.
- **Reverb:** Adjusts the reverb of that group.
- **Volume:** Adjusts the sound volume of that group.
- **Out:** Adjusts which output that group will be directed to.

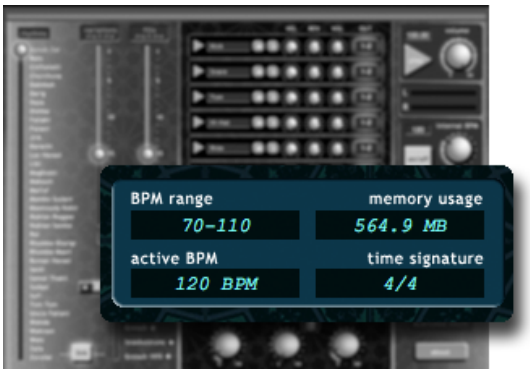

Figure 3.8: BPM Range – Active BPM – Memory – Time

BPM Range: Adjusts the recommended tempo range of the selected style.

Active BPM: Shows the momentary tempo information.

Memory Usage: Shows the memory usage of the selected drum kit.

Time Signature: Shows the measurement information of the selected style.

Figure 3.9: Humanizer – Limiter – Reverb

Humanizer: By providing timing errors on the running style gives a humanized feeling.

Limiter: Adjusts the limiter quantity during the play. When the limiter button is red the limiter is off, when it is green the limiter is on. Make up knob is used to amplify the gain.

Reverb: Adjusts the main depth level.

Figure 3.10: Volume – Play/Stop

Volume: Adjusts the main volume level.

Play/Stop: Starts or stops the loop.

Figure 3.11: Internal BPM - On/Off

Internal BPM: Disables the link between the tempo of the host program with the tempo of the rhtym, by this way prowides tempo seperation. For instance, the drums of a record of 60 bpm can run with 120 bpm metronom.

On/Off: Enables or disables the feature.

Figure 3.12: Snare/SideStick – Accent – Fill

Snare/SideStick: Maintains snare beats as rims.

Accent: When selected kick and crash sounds are simultaneously sent to output.

Fill: Provides the execution of the options that are selected in fills area.

Figure 3.13: Mapping

Mapping: Changes the midi mapping according to the selection.

Figure 3.14: About

About: Shows version and credits information.

3.2 Drag & Drop

Figure 3.15: Drag & Drop

With Drag & Drop functionality you can add the selected variations or fills to your project as midi files by transferring them to the host program that you are using.

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Key Mappings

Volko Alaturka Drum uses the following mappings for key – drum part bindings.

Table 4.1: Key Mappings

Key	Number	Name of the Drum Part
$D\sharp_4$	63	Alternate Crash 4
D_4	62	Splash 2
$C\sharp_4$	61	Splash 1
C_4	60	Alternate Crash 3
B_3	59	Ride 4
$A\sharp_3$	58	Alternate Crash 2
A_3	57	Alternate Crash 1
$G\sharp_3$	56	Cowbell
G_3	55	Crash 3
$F\sharp_3$	54	Ride 3
F_3	53	Ride 2
E_3	52	Crash 2
$D\sharp_3$	51	Ride 1
D_3	50	Tom 1
$C\sharp_3$	49	Crash 1
C_3	48	Tom 1
B_2	47	Tom 2
$A\sharp_2$	46	Open Hi-Hat
A_2	45	Tom 2
$G\sharp_2$	44	Pedal Hi-Hat
G_2	43	Tom 3
$F\sharp_2$	42	Closed Hi-Hat
F_2	41	Tom 3
E_2	40	Snare 2
$D\sharp_2$	39	Snare 1

D_2	38	Snare 1
$C\sharp_2$	37	Side-Stick
C_2	36	Kick 1
B_1	35	Kick 2
$A\sharp_1$	34	Kick 3
A_1	33	Snare 3
$G\sharp_1$	32	Side-Stick
G_1	31	Snare 2
$F\sharp_1$	30	Side-Stick

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Minimum System Requirements

- 400 MB free hard disk space
- Windows XP SP3 or newer, Pentium 4/Athlon processor with 1 GB RAM
- Mac OS X 10.5 or higher, Intel Processor with 1 GB RAM
- Display capable of 800x600
- VST, AU or RTAS capable host program
- ASIO supporting sound card (recommended)

Credits

Interface Designer
Dolunay Obruk
www.dolunayobruk.com

Sound Recorder
Can Aykal

Mixing
Cengiz Köroğlu
www.cengizkoroglu.com

Drum Artist
Turgut Alp Bekoğlu
www.turgutalpbekoglu.com

Co-Producer
Rupen Melkisetoğlu

Producer and Programmer
Volkan Özyılmaz