**Manuals+** — User Manuals Simplified.



# u-he Diva Automata Software User Guide

## Contents

**u-he Diva Automata Software**

## Specifications

- **Product Name:** Automata
- **Manufacturer:** Heckmann Audio GmbH
- **Location:** Berlin, Germany

## About Automata

The idea for Automata came from a desire to uncover lesser-known characteristics of Diva and to explore new themes for soundsets. Diva's arpeggiator, while simple on its own, becomes a powerful sequencer when combined with per-voice modulation and other techniques. Automata aims to highlight this underutilized feature, moving beyond basic note repetition.

Automata marks our first sound set project in a long time that doesn't come from a single creative mind, and where the common thread isn't a particular style or genre, but rather a single theme explored by a diverse group of top sound designers: Bryan Lake, Chris Kay, Electric Himalaya, Howard Scarr, Viktor Weimer, Yuli Yolo, and Yuta Yoshimatsu. We are fortunate to have such talented individuals working on this one project, and we believe they have created something truly special! The u-he team

### About the authors

- **Chris Kay:** A keen amateur sound designer, Chris has been playing with synthesizers since the 1990s. Among his musical influences, he lists House, D&B, UK Garage, and 'the kind of stuff that gets played in a muddy field at three in the morning'. Too humble!
- **Electric Himalaya:** Electric Himalaya is a London-based sound designer and ambient music producer. His synth sound design work can be found in products by Ableton, Apple, Roli, Steinberg, and others. He has also provided custom sounds for such artists as Bill Laurance (Snarky Puppy) or composer Annemarie Borg. Howard Scarr: Howard has been obsessed with synthesizers ever since 1973 when he co-founded the UK's first all-synth band, Zorch. You can hear many of his Zebra sounds in the scores to e.g. The Dark Knight,

Inception, Dunkirk, Blade Runner 2049, and Dune.

Yuli Yolo: Hailing from the south of France, with a unique programming style, Yuli has created presets for the likes of Roli, UVI, Arturia, and Tone2. With a growing passion for the performance side of synthesis, he has recently become interested in exploring sound design for MPE instruments.

## Product Usage Instructions

## Preset Folders

1. Deep
2. Percussive
3. Chordal
4. Monotonal
5. Melodic
6. Complex

### Section 1: Deep

- The "Deep" preset folder contains deep and atmospheric sounds suitable for creating ambient or introspective music. These presets utilize a combination of modulation and effects to create evolving and immersive textures.

### Section 2: Percussive

- The "Percussive" preset folder contains percussive sounds designed to add rhythm and energy to your tracks. These presets are optimized for creating punchy and dynamic percussive elements, such as drums, basslines, and stabs.

### Section 3: Chordal

- The "Chordal" preset folder contains chordal sounds that are perfect for creating rich and harmonically complex melodies. These presets utilize Diva's arpeggiator and modulation capabilities to create intricate chord progressions and arpeggios.

### Section 4: Monotonal

- The "Monotonal" preset folder contains monophonic sounds that are ideal for creating lead lines and solo melodies. These presets are designed to provide expressive and powerful monophonic synth sounds.

### Section 5: Melodic

- The "Melodic" preset folder contains melodic sounds suitable for creating catchy and memorable melodies. These presets are optimized for playing melodic lines and hooks in various musical genres.

**Section 6: Complex**

- The "Complex" preset folder contains complex and layered sounds that combine multiple synthesis techniques and modulation sources. These presets are designed to provide intricate and evolving textures for experimental and avant-garde music.

## Introduction

Thank you for purchasing Automata, a very special soundset for u-he Diva. We hope you will enjoy playing these sounds and put them to good use in your music!

### About Automata
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the u-he team

## Performance

All presets make use of at least one of the following performance controls: modulation wheel, aftertouch, pitch bender, Control A and Control B (for details about Control A/B please refer to the Diva user guide). Performance controls used in each preset are listed in Diva's PRESET INFO panel.

- **MW =** modulation wheel
- **PB =** pitch bender
- **AT** = aftertouch (pressure)
- **Ctrl A =** Control A
- **Ctrl B =** Control B

**Note:** Many of the presets were created at a moderate tempo i.e. below 110 BPM.

### About the authors

### Bryan Lake
Happily tinkering with instruments and effect plug-ins ever since 2002, Bryan admits to never having owned a hardware synthesizer. However, he grew up listening to the likes of Brian Eno, Vangelis and Tangerine Dream – which ultimately stoked the flames of his passion for modular synthesis and deep sound design.

### Chris Kay
A keen amateur sound designer, Chris has been playing with synthesizers since the 1990s. Among his musical influences, he lists House, D&B, UK Garage, and 'the kind of stuff that gets played in a muddy field at three in the morning'. Too humble!
Electric Himalaya:
Electric Himalaya is a London-based sound designer and ambient music producer. His synth sound design work

can be found in products by Ableton, Apple, Roli, Steinberg, and others. He has also provided custom sounds for such artists as Bill Laurance (Snarky Puppy) or composer Annemarie Borg.

**Howard Scarr**
Howard has been obsessed with synthesizers ever since 1973 when he co-founded the UK's first all-synth band, Zorch. You can hear many of his Zebra sounds in the scores to e.g. The Dark Knight, Inception, Dunkirk, Blade Runner 2049, and Dune.

**Viktor Weimer**
Formerly a composer for games, student films, and radio plays, Viktor aka TUC has a deep love for the '90s "romplers" as well as analog synths. Viktor has various duties at the u-he office in Berlin – his sound design work can be heard in, among others, the soundtrack for The Matrix Resurrections.

**Yuli Yolo**
Hailing from the south of France, with a unique programming style, Yuli has created presets for the likes of Roli, UVI, Arturia, and Tone2. With a growing passion for the performance side of synthesis, he has recently become interested in exploring sound design for MPE instruments.

**Yuta Yoshimatsu**
Sound designer, composer, music theorist, GUI designer, pixel painter, video creator, writer, programmer… in his own words, "just a man from Japan who makes stuff"!

**1 Deep**

| | | |
|---|---|---|
| Acid Teeth | Disco Fever 1 – short | Octave Bounce |
| Analog Power Pluck | Disco Pumps | Pick & Mix |
| Analog Sequentix | Diva on Acid | Pluck Up |
| Bass Jump | Driven Bass | Pomper |
| Bass Square Riff | Duck Hunt Funk | Power Trip |
| Basscraft | Flow State | Progressive Plucking |
| Big Blinking Box | Glam Stomper | Robotech Bassline |
| Buzzy Bounce | Invader Invader | Rubber Saw |
| Chrome Attack | Kraftpulse | Technoid Disco |
| Danger | Memory | Tekno Prisoners |
| Day Trip | Minor 9th Trinity | Through The Mud |
| Deeper Banging | Mod4 Walker | Triplet Stomp |
| Dirtbag Disco | Modulus Analogus | Viatalis |
| Dirty Thirty | Night Trip | Wooly Jumper |

**Percussive**

| | | |
|---|---|---|
| Attack Of The Floogons | Happy Hacking Drums | Rippchen |
| Back | Hectic Hats | Ritournell |
| Battle | Hypnotic | Roll Up |
| Beat Lab | Initialisation | Skuttlebot |
| Bodhran Scrubber 1 – noise | Jingo Brush | Slapback Drums |
| Bodhran Scrubber 2 – grunge | Just For Kicks | Spring Tank |
| Bone Tickler | Kit Binary | Squolch |
| Box Beater | Kit E Kat | Steampunk Skipper |
| Brokebeat | Laundromatic | Survival Instinct |
| Cave Shuffler | Machina | Temptation |
| Container Clapper | March Snares | The Clique |
| Copper Mining | Percussor 1 | Thunder Train |
| Countdown | Percussor 2 | Tommy I |
| Digitale | Percussor 3 | Tommy II |
| Drum Club | Ping Percussion 1 | Tournerie |
| Ekopya I | Ping Percussion 2 | Triple Time |
| Ekopya II | Psychedelic Diva | Two Step |
| Field Trip | Ramper | Well Beaten |
| Galo | Rattlebug 1 – fast | Xyklops |
| Garage Bolero | Rattlebug 2 – slow | Zaff Zeraff |
| Giant Walk | Resignance | |

**Chordal**

| | | |
|---|---|---|
| Akkord Ist Mord | Hatching | Off Beats 1 |
| Backwards Synth Tape | Hell Major | Prefab House |
| Bionic Pan | Hide In Plain Sight | Repeatizer |
| Check | Immersion | Sequitur |
| Command 64 Bass | It Was All A Dream | Skankatron 1 |
| Dance Macabre | Kids Programme 1972 | Skankatron 2 |
| Demon Brass Band | Kipper 1 | Slow Motion |
| Disco Fever 2 – space | Lagger | Song Of Muug |
| Divergence | Last Leap (maj) | Sparkle Harp |
| Dog Star Orbit | Last Leap (min) | Splish Splash |
| Downhill Sleigh Ride | Lemon Peal | Split In Two |
| End of Spring | Lifeforms | String Machine |
| Endemya | Major Strum | Synth Pop Pulsation |
| Eternal Sunrise | Manic Minor | The Moon Underwater |
| Fairy Wind Orchestra | Mantra | Vapours |
| Finest | Montpar | Vocodians |
| Garden Walk | Motion X | Zen Zen Zenith |
| Golden Section | News Theme | Zen Zen Zephyr |
| Happy Little Waves | No Decision | |

**Monotonal**

| | | |
|---|---|---|
| 3+3+2 | High Rise | Raw Synthonium Pulses |
| Analog Murals | In the Time of Science | Rulez |
| Attacker | Incognito | Secret Worlds |
| Attente | Java | Staccato Snap |
| Big Wires | Jumpiter | Still Hope |
| Binary Chips | Kipper 2 | Still is the Night |
| Bouncing on the VCOs | Off Beats 2 | Synthetic Anthology |
| Chop Gate | Overbite | Synthwave Pulse |
| Cosmic Electronium | Pluck Station | Torn Asunder |
| Dark Magic | Prism | Uhbiquity 1 – straight |
| Fraktura | Pulsate | Vox Populi |

**Melodic**

| | | |
|---|---|---|
| After School | Game Of Life | Plankton |
| Bad Dayz | Gamelania | Plinkerton |
| Box Of Chocolate | Glissade | Power Riff |
| Buddhist Ritual | Goa Plucking | Pre Fear |
| Butterfly | Guitar Player | Quantized Pulses |
| Circle Of Fifths | Haunted Acusticon | Sakura Falling |
| Cloud Factory | Heightened State | Sequentia Vivace |
| Cross Over | Hidden | Serendipity |
| Dark Woods | Hillbilly | SID Major Seven |
| Digital Psychedelics | Inkling | SID Minor Seven |
| Diminishing Returns | Iteraction | Snippety Bits |
| Dream Sequence | Kaleidoscope | Snow Country |
| Electro-Claviertronium | Kaleidoscopic Quickening | Spiral Dive |
| Electrotick | Ladders | Star Field |
| End of Summer | Losty | Sticky Fingers |
| Enora Ka | Lowered State | Tiptoeing |
| Ensemble Waltz | Malappa | Too Many Secrets |
| Entropya | Mega Structure | Trauma Post |
| Eratum | Melodic Alchemist | Tronic |
| Etheric Symphonium | Modalities | Under The Radar |
| Fat Plum Steps | Neon Lights | Urban Mare |
| Fendr | Overmass 1 | View From The Oriel |
| Flappy Days | Overmass 2 | Which Of The Two |
| Flashbacks | Pentatonic | Zylofone |

**Complex**

| | | |
|---|---|---|
| Industry Insider | Melting Fuse | Sleepy Clock |
| Beauty in the Shadows | Metallic Factorium | Snow Plow |
| Campanology | Mordor Beat | Soap Lab |
| Clockwork Automaton | Nasty Modulus | Space Siren |
| Cogs And Springs | Oumuamua | Tin Pan Valley |
| Creak Hill | Psychedelic Glowsticks | Toothpaste |
| Dirty Waltz | Psychedelic Slapper | Treasure Cave |
| Dragon Pulse | Q The Machine | Uhbiquity 2 – bendy |
| Grimy Scanner | Ring Creature 1 | Wow Signal |
| Hammer and Steel | Ring Creature 2 | X-Modulus |
| In The Belltower | Ring World | Xmod 1 – square |
| Industrial Hammer | Ring-Mod Clock | Xmod 2 – roller |
| Jump Jump Fall | Screenwipe | |
| Mechanoid Pulse | Silo Disco | |

**FAQ**

**Q: How can I access the performance controls?**
A: The performance controls, including the modulation wheel, aftertouch, pitch bender, Control A, and Control B, can be accessed on your MIDI controller or through the software interface of u-he Diva. Please refer to the Diva user guide for more information on how to map and use these controls.
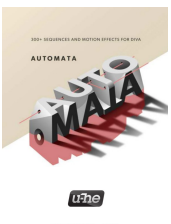
**Q: Can I use Automata with other synthesizers?**
A: Automata is specifically designed for u-he Diva and utilizes its unique features and capabilities. While you may be able to load the presets into other synthesizers, the sound and performance may not be optimized for those instruments.

**Q: Are the presets tempo-specific?**
A: Many of the presets in Automata were created at a moderate tempo below 110 BPM. However, you can adjust the tempo of your music project to suit your needs, and the presets will adapt accordingly.

**Documents / Resources**

**u-he Diva Automata Software** [pdf] User Guide
Diva Automata Software, Automata Software, Software

## References

- [**User Manual**](#)