QUICK START MANUAL
IMPORTANT SAFETY AND MAINTENANCE INSTRUCTIONS
Read all instructions below and follow them.

1. Do not use this product near water - for example, in the rain, near a bathtub or sink, in a wet basement, or near a swimming pool or the like.

2. This product, in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable.

3. Never use aggressive cleaners on the casing. Remove dust, dirt, and fingerprints with a soft, dry, non-abrasive cloth. If the unit is persistently dirty use a slightly damp cloth using only water. Do not use a liquid cleaner, alcohol, acetone, turpentine, or any other organic solutions.

4. Install in accordance with the instructions. Make sure you place the unit on a stable surface before use.

5. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.

6. Connect the unit to an easily accessible electrical outlet that is close to it.

7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.

8. Unplug the unit during lightning storms or when it is not used for long periods of time.

9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

10. When transporting the unit, use accessories recommended by the manufacturer or the original box and padding.

11. Abstrakt Instruments is not responsible for any damage caused by improper operation of the instrument.

WARNING
To reduce the risk of fire, electrical shock or product damage:

- Do not expose the unit to rain, moisture, dripping or splashing. Also avoid placing objects filled with liquid, such as vases, on the unit.
- Do not expose the unit to direct sunlight, nor use it in ambient temperatures exceeding 30°C as this can lead to malfunction.
- Do not open the casing. There are no user repairable or adjustable parts inside. Leave service and repairs to trained service technicians only.

EXTERNAL POWER SUPPLY SAFETY INSTRUCTIONS

- The adapter is not safety grounded and may only be used indoors.
- To ensure good ventilation for the adapter, do not place it in tight spaces. To prevent risk of electric shock and fire because of over-heating, ensure that curtains and other objects do not prevent adapter ventilation.
- Do not expose the power adapter to direct sunlight, nor use it in ambient temperatures exceeding 40°C.
- In the EU, only use CE approved power cords.
1 INTRODUCTION

Thank You for purchasing the Avalon Bassline Synthesizer! The Avalon is a powerful synth and sequencer designed to be equally at home in the studio or in live performance.

Be sure to visit www.abstraktinstruments.com for the latest firmware and tutorials. For registration information please see the back cover of this manual.

1.1 ABOUT THIS MANUAL

This Quick Start manual was written to help familiarize you with Avalon synthesizer. This manual only covers the basics of the analog controls and pattern writing. There are a lot of features packed into the Avalon, we recommend reading both this quick start manual and the reference manual in their entirety.

1.2 WHAT’S IN THE BOX?

The Avalon Bassline has been carefully packed. Should the unit appear to have been damaged in transit do not discard any of the packaging materials and notify your dealer. Save all packaging materials for future use.

Please check the contents below against the contents of the packaging.

- Avalon Bassline Synthesizer
- Universal Power Supply (PSU)
- Quick Start Guide
- TB-303 Settings Chart
- Trimmer Adjustment Tool

1.3 POWER REQUIREMENTS

The Avalon Bassline ships with a 6VDC universal power supply. The center pin of the coaxial connector is the negative (-ve) side of the supply. We strongly recommend that you use only the supplied PSU. If you should ever need a replacement please contact your dealer or purchase direct from our online store.

1.4 ABBREVIATION & CONVENTIONS

- Additional info on a given topic.

- Tips to simplify specific topics.

1.4.1 BUTTON NAMES

Button names are illustrated in bold uppercase. For example, the button labeled “home” is written HOME. Buttons that are specific to “pitch”, “time” or secondary “functions” are typed in color-coded brackets, such as [PITCH], [TIME] and [FUNCTION].
1.4.2 BUTTON COMBINATIONS (SIMULTANEOUS)

Whenever multiple buttons are to be pressed simultaneously the "+" sign is used. The first button name is the first button pressed. The second button name after the "+" sign is the second button pressed (while holding the first button). In some cases there are additional button presses.

For example, to clear a pattern the “function” and “clear” buttons are pressed in order as shown below. This would be written as [FUNCTION] + [CLEAR], and illustrated as shown below:

![Button combinations example]

In some instances button combinations are indicated using the “finger point” graphic. In these instances the order of button presses is indicated by the number of each hand. For example, SECTION + BUTTON 2 is equivalent to the graphic below.

![Finger point graphic]

1.4.3 STEP BUTTONS

The (16) step button indicators are used for entering various step attributes. They are also used for certain secondary functions such as setting MIDI channels and Sync modes. The step buttons will be abbreviated as STEP BUTTON * in bold font where "*" denotes the step number. For example "step button 4" would be denoted STEP BUTTON 4.

1.4.4 CHROMATIC KEYBOARD

The buttons that make up the one octave keyboard are used for multiple functions. Whenever they are used for pitch (note) entry the buttons will denoted by [BUTTON KEY *] in bold font. For example, when referring to the "C#" key it would be written [BUTTON KEY C#].

Important: The upper C is denoted [BUTTON KEY C'].
1.4.5 PATTERN BUTTONS

The "white" keys of the chromatic keyboard are used for pattern selection. Whenever the pattern 1-8 buttons are used in reference to pattern selection they will be denoted by PATTERN BUTTON in bold font. For example, when referring to pattern 6 it would be written as PATTERN BUTTON 6.

1.4.6 BUTTONS 1-4

The black buttons labeled 1-4 are used for various duties such as selecting pattern sections, pattern time signature, and for setting gate lengths and slide times.

When these buttons are referenced they are written BUTTON 1, BUTTON 2, BUTTON 3, & BUTTON 4. When referred to as a group they are written BUTTON 1-4.

1.4.7 NEXT & BACK BUTTONS

The Avalon has NEXT and BACK operations that are used in some modes. These buttons are not labeled with text, but rather with direction arrows (►◄) as shown below. When used in this manual these buttons will be written NEXT and BACK.

1.4.8 ROTARY KNOBS

Rotary knob names are shown in uppercase bold italic. For example the "tune" control would be written as TUNE.

1.4.9 LED INDICATORS

LED states are illustrated below.

![LED States](image)

LED indicators are illustrated by their function. This usually corresponds to the button text above or below the LED. For example, the accent led above the accent button would be written as [ACCENT LED].
2 OVERVIEW

2.1 FRONT PANEL

[1] **TUNE** control sets the master tune of the oscillators.

[2] **SUB/INPUT** sets the level of the sub oscillator or external input.

[3] **WAVEFORM** switches select the waveshape for the main and sub oscillators.

[4] **FILTER** controls are used to set the cutoff, resonance and key tracking amounts.

[5] **FILTER ENVELOPE** controls are used for setting the filter envelope decay times, modulation depth, and accent amount.

[6] **MODULATION ENVELOPE** controls are used for setting the attack and decay times of the modulation envelope and for setting the modulation depth to the filter and final amplifier.

[7] **VCA DECAY** sets the decay time of the VCA envelope.

[8] **VOLUME** sets the output level to the main output and headphones.

[9] **STEP BUTTONS** are used to select and display sequence step parameters.

[10] **TIME** is used to enter TIME related parameters and for entering TIME ENTRY mode for step input.

[11] **RECORD** is used to record realtime performance into a sequence.

[12] **ARP - ARP MODE** are used for enabling the arpeggiator and setting the arp direction.

[13] **BUTTONS 1-4** are used when selecting parameters such as such as pattern sections, time signatures, pattern & arp directions, and various pitch and time step attributes.

[14] **KEYBOARD** is used for selecting the pitch of notes. The white keys are used for pattern selection.

[15] **HOME** is used to return the sequencer back to NORMAL MODE for each primary mode.

[16] **RUN** is used to start and stop the sequencer.

[17] **FUNCTION** is used when selecting various alternate functions.

[18] **PITCH** is used to enter PITCH related parameters and for entering PITCH ENTRY mode for step input.

[19] **TEMPO** sets the bpm of the sequencer when using internal sync.

[20] **TRACK / PATT. BANK** selects the current track or pattern bank.

[21] **MODE** selects the sequencer primary mode
2.2 REAR PANEL

[1] **DC POWER** connector for connecting the external 6VDC PSU.

[2] **PWR switch** for turning the machine on and off.

[3] **MAIN OUT** is a 1/4" unbalanced jack for connecting the main output to the sound system.

[4] **PHONES** is a stereo 1/4" output jack for connecting headphones.

[5] **CV & GATE IN** are 1/8" mono jacks used for controlling the Avalon keyboard CV and filter/amp envelope gating from external analog gear.

[6] **CV & GATE OUT** are 1/8" mono jacks that output sequencer pitch CV and gate. The CV output is 1V/Oct and the range is 0V to 5V. The gate output is a 0-12V V-trigger.

[7] **SWP OUT** is a normalized copy of the

[8] **FILT CV** accepts a CV input for controlling filter cutoff frequency. The response is 1V/Oct. The useful range is 0-5V.

[9] **VCA OUT** is the output signal from the VCA.

[10] **EXT IN** is an audio input to the filter. It accepts a wide range of signal levels as it has an internal preamp stage. When the external input is used the sub oscillator is bypassed.


[12] **SAW** and **SQR** are +/-5V buffered outputs from the oscillator.

[13] **USB** class compliant port for connection to a PC or Mac.

[14] **MIDI** jacks for MIDI input & output.


[16] **FR** selects the low frequency response of the audio between normal and extended range. Normal range is -6dB @ 70Hz. Extended range is -6dB @ 30Hz.

[17] **FILT B** selects between the internal filter and a filter cartridge. When the switch is pushed in (enabled) the filter cart is selected. If FILT B is selected and there is no filter cartridge inserted there will be no audio output from the synth.

[18] **SUB (-2)** selects the octave of the sub oscillator between (-1) and (-2) octave. When the switch is pushed in (-2) octaves is selected.

2.3 CONNECTIONS

**AUDIO OUTPUTS.** To hear the audio output from the synth you will need to use headphones or connect the main output to your sound system.

**POWER.** Turn on the unit. The step indicators will splash a startup pattern.
3 ANALOG SYNTTH

3.1 ZERO THE SYNTHESIZER

Before starting to program a pattern it is a good idea to reset the analog synth voice to the default settings to ensure sound will be heard when a pattern is played.

The analog voice of the Avalon is backwards compatible with the Roland® TB-303. The additional features can be viewed as a \textit{layer on top} of the original TB-303 which greatly expand the capabilities without being cumbersome or overwhelming. Together with the external filter cartridges from the Synth Cartridge System™ the Avalon is an extremely flexible mono synth with capabilities far beyond the TB-303 subset of sound and performance.

The analog controls are laid out in a straightforward manner. For specific details please refer to the reference manual.

4 WRITING PATTERNS

4.1 PRIMARY MODES

The sequencer has (4) primary modes as indicated by the \textbf{MODE} switch. Select PATTERN WRITE MODE as this is the primary mode we will be using for this quick start guide.

4.2 WHAT IS A PATTERN?

Before continuing with details on pattern editing it is necessary to understand the structure of a pattern. A pattern is a sequence of pitch and time events, or steps.

4.2.1 THE PATTERN STEP

As is the case with traditional \textit{step sequencers}, the PATTERN STEP is the fundamental parameter of a pattern, representing a musical event, such as a 1/16th note. Pattern steps relate directly to the (16) STEP BUTTONS indicators on the control surface. These buttons are a linear time representation of the pattern:
4.2.2 PATTERN STEP ATTRIBUTES

Various pitch and time attributes can be entered for each step as shown in the diagram below:

* attributes not found on the TB-303

4.2.3 PATTERN MODIFIERS

In addition to per STEP attributes there are top level pattern modifiers. These are settings that are performed on the entire pattern as opposed to the individual steps. These include parameters such as the time signature and pattern length. These settings are saved with each pattern.

4.2.4 PATTERN OVERALL STRUCTURE

Below is a diagram of the overall pattern structure:
4.3 PATTERN SELECTION

The Avalon has (112) internal patterns. Patterns are organized into (7) banks with (16) patterns within each bank. The (16) patterns of each bank are further organized into two groups of eight.

4.3.1 PATTERN BANK

First, select one of seven pattern banks with the PATT. BANK selector.

4.3.2 PATTERN GROUP

Second, select Group A or Group B with the GROUP A-B buttons.

4.3.3 PATTERN NUMBER

Lastly, select a pattern number using the PATTERN BUTTONS 1 - 8.

4.4 SYNC SETUP

To verify the synth is in Internal Sync Mode enter CONFIGURATION MODE by selecting [FUNCTION] + [HOME] (the buttons can be pressed in either order). When configuration mode is entered the [PITCH LED] and [TIME LED] will light solid.

The sequencer can be controlled via the internal clock, MIDI clock, or DINSync. For this quick start it is assumed internal sync is desired. Press SYNC IN + STEP BUTTON 1 to select internal sync. The three sync options are indicated by the text below STEP BUTTON 1-3.

- STEP BUTTON 1 = Internal Clock
- STEP BUTTON 2 = MIDI Clock
- STEP BUTTON 3 = DINSync

To exit CONFIG MODE press HOME or [FUNCTION].
4.5 PATTERN PLAYBACK

Press **RUN** and set the **TEMPO** control so that you can see the step indicators running across the sixteen steps. You will see the **RUN LED** is lit when the sequencer is running.

*No STEP BUTTON indicators will be lit if the pattern has just been cleared & doesn't contain any note events.*

4.6 PATTERN WRITE MODES

Within PATTERN WRITE MODE there are several (sub) modes for editing pattern data. Below is a diagram of the basic workflow of PATTERN WRITE MODE:

**NORMAL MODE** is the main mode for entering pattern data. It is also the "HOME" state of the sequencer.

**RECORD MODE** is for recording a pattern in realtime by *playing* the control surface or external MIDI or USB-MIDI device.

**PITCH & TIME (STEP ENTRY) MODE** is based on the TB-303 style of entering pattern data.

**REALTIME MODE** is used to add or mute accent, slide and/or modulation envelope triggers in realtime without overwriting pattern data.

**ARPEGGIATOR** is used for playing arpeggios. Arpeggios can also be recorded realtime directly into a pattern.

The various editing modes are not exclusive of each other, you can go back and forth between them to modify pattern data.

*This Quick Start manual only covers a portion of NORMAL MODE. Please see the reference manual for details on all modes.*

4.7 NORMAL MODE

In this quick start guide NORMAL WRITE MODE is used as this is the most direct and comprehensive mode for entering sequence data. It is the default programming mode of the Avalon and is the default "HOME" state of PATTERN WRITE MODE. NORMAL WRITE mode is indicated by a solid lit indicator above the **[HOME]** button.
If you want to use TB-303 style pitch and time entry please refer to the reference manual for details on PITCH & TIME STEP ENTRY modes.

Even if you are a TB-303 die-hard you are encouraged to learn all pattern write modes! There are numerous ways for entering pitch and time information that can’t be done using the traditional TB-303 programming methods. Since everything is done in real-time you can also jump back and forth between the various programming modes!

4.7.1 PATTERN CLEARING

To clear the current pattern press [FUNCTION] + [CLEAR].

The default settings for a pattern are shown below:

- Time Signature = 1x
- Pattern Length = 16 steps
- All steps = Active
- All steps = Rest
- All steps = Pitch C2 (65.4Hz)
- Slide Time = 100mS for all steps
- Filter CV Offset = 0
- Gate Time = 50% for all steps
- Shuffle = 1 (off)
- No transpositions, accents, slides, or mod env triggers

With the current pattern cleared there are no note events entered and none of the step indicators will be lit.

4.7.2 TIME ATTRIBUTES

There are three time-related parameters for each pattern step:

1) Note Event
2) Tie / Rest
3) Active Steps

4.7.2.1 NOTE EVENTS

To enter note events simply press a STEP BUTTON. The corresponding STEP BUTTON LED will light. This indicates that the step is active and a note event has been entered. If you press the same STEP BUTTON again the indicator will go out and the step is again set as a REST. To hear sound begin to enter more note events by pressing some of the STEP BUTTONS. With the pattern playing you should hear the default pitch of C2 (65.4Hz) on the corresponding steps that have been added.

For example, to play notes on steps 1,2,5,7,...& 16 press the STEP BUTTONS as shown below:

4.7.2.2 NOTE LENGTH, TIE & REST

To set a note length greater than one step press & hold the first step of the note and then press the last step of the note. Now it is one long note with ties automatically programmed for the intermediate steps.
For example, to make steps 1-4 one long note (this would be a quarter-note at the default 1x scale) you would press **STEP BUTTON 1 + STEP BUTTON 4**. Steps that are tied are easily seen as the indicators will be half-brightness.

Steps that don’t have a note or tie programmed are RESTS and are indicated by unlit **STEP BUTTON LED’s**.

### 4.7.2.3 ACTIVE STEPS

Steps in a pattern can be skipped by pressing **[TIME] + [ACTIVE] + STEP BUTTON**. While holding down **[TIME] + [ACTIVE]** you can easily see which steps are inactive in a pattern section, as steps that are not active are not lit. De-activating steps will inherently change the pattern length. For example, to set step 16 as an active step hold **[TIME] + [ACTIVE]** and press **STEP BUTTON 16** until it is lit.

### 4.7.3 PITCH ATTRIBUTES

There are several pitch-related parameters for each pattern step. These include the following:

1) Pitch  
2) Accent & Slide  
3) Transpose  
4) Modulation Envelope Triggers  
5) Slide Time*  
6) Filter CV Offset*  
7) Gate Length*

These attributes can all be set while the sequencer is running. Assuming you are starting with a cleared pattern, you can start entering pitch attributes as described in the following subsections.

* These pitch attributes won’t be covered in this quick start manual, see the reference manual for details.

### 4.7.3.1 PITCH

To enter a pitch, press and hold a step button and select a key on the chromatic keyboard. For example, to enter a “C#” on step 1 press **STEP BUTTON 1 + [BUTTON KEY C#]**. The C# indicator will remain lit while the step button is held to indicate C# has been programmed.
4.7.3.2 ACCENT & SLIDE

Accent and Slide are entered in the same way as pitch. Press and hold a STEP BUTTON and press [ACCENT] and/or [SLIDE] to enter the respective data. For example, to accent step 1 press STEP BUTTON 1 + [ACCENT]. The accent indicator will remain lit while the step button is held to indicate an accent has been programmed.

4.7.3.3 TRANSPOSE

Since the chromatic keyboard is only one octave, a step can be transposed down one octave and up one or two octaves. When transposing down the [DOWN LED] is lit. When transposing up one octave the [UP LED] is lit. When transposing up two octaves the [UP LED] blinks.

The keyboard has two "C" keys. The low C key can be transposed [UP] (3) octaves as the note will first shift to the higher C' key.

To Transpose a pattern step press STEP BUTTON + [UP]/[DOWN]. For example, to transpose step 4 up one octave press STEP BUTTON 4 + [UP].

4.7.3.4 MODULATION ENVELOPE TRIGGERS

The Avalon has an extra modulation envelope that can be triggered on any step in a similar way to accents and slides. To trigger the modulation envelope press STEP BUTTON + [ENV]. For example, to add a trigger to step 1 press STEP BUTTON 1 + [ENV].
4.7.4 PATTERN GLOBAL MODIFIERS

Pattern modifiers are the global settings for each pattern, such as the time signature, pattern length, and shuffle amount.

1) Pattern Length  
2) Last Step  
3) Time Signature*  
4) Shuffle*  
5) Pattern Direction*  
6) Pattern Rotate*  
7) Pattern Randomize*  
8) Pattern Transpose*  
9) Filter Mode*  

* These global modifiers won’t be covered in this quick start manual, see the reference manual for details.

4.7.4.1 PATTERN LENGTH

Patterns can be up to (64) steps long. They are divided into four SECTIONS of (16) steps.

Sections are selected by pressing SECTION + BUTTON 1-4. When the current section is changed the control surface shifts to display and control the parameters for the newly selected section. For example, to select SECTION 2 press SECTION + BUTTON 2 (if the pattern is less than or equal to 16 steps there may not yet be any active data in the section).

4.7.4.2 LAST STEP

Before changing pattern lengths and entering step attributes it is important to understand LAST STEP.

LAST STEP sets the last step of a pattern so that the sequencer knows when to loop. To set the last step for a pattern first select the SECTION of the desired last step as described above in section 4.7.5.1. Once viewing the desired section press [TIME] + STEP BUTTON of the desired last step. For example, to set the last step as step 29 of a sequence you would do as follows:

a) Select SECTION 2 by pressing SECTION + BUTTON 2 as shown in section 4.7.5.1.

b) Select the last step within SECTION 2 (step 29) by pressing [TIME] + STEP BUTTON 13. The indicator will light solid.

Now the pattern will cycle through two sections (29 steps total assuming all steps are set to be active steps). When pressing and holding the [TIME] button the last step will show on the STEP BUTTON indicators.
## 5 SPECIFICATIONS

### ANALOG SYNTHESIZER

#### Main Oscillator
- Waveform: Saw & Square
- Range: 5 Octaves

#### Sub Oscillator
- Waveform: Saw, Triangle, & Square
- Range: (-1) and (-2) Octaves relative

#### Oscillator Control
- Tune: +/-500 Cents
- Slide Time: (4) Settings (per step)

#### Filter A/B (common controls)
- Cutoff Frequency
- Resonance
- Filter Envelope Depth (Env Mod)
- Filter Tracking
- Modulation Envelope Depth

#### Filter B (additional control)
- Filter B Mode

#### Filter Envelope
- Decay Time
- Accent Decay Time
- Accent Depth

#### Modulation Envelope
- Attack Time
- Decay Time
- Filter Modulation Depth (bi-polar)
- VCA Modulation Depth (bi-polar)

#### VCA Envelope
- Decay Time

### CONNECTIONS

#### Power
- DC6V/2.5A min.

#### Audio Inputs & Outputs
- Main Output
- Headphone Output
- Saw Output
- Square Output
- Filter Input
- VCA Output

#### Control Inputs & Outputs
- Gate/CV In
- Gate/CV Out
- Filter CV In
- Accent Sweep Out
- USB
- MIDI In & Out
- DINSync In & Out

### DIGITAL SEQUENCER

#### Pattern Details
- 112 Patterns (Transferable via MIDI/USB)
- Pattern Length = 64 steps maximum
- 1 Step = 1/4, 1/8, 1/16, 1/32 (includes triplet modes)
- Pattern Copy, Paste, Clear
- Shuffle - up to 8 stages
- Pattern Directions: Forward, Reverse, Pendulum, Random
- Skip Steps
- Slide Times: 50ms, 100ms (303), 400ms, 2s
- Arpeggiator - Realtime & Record modes

#### Pattern Memorized Content
- Per Step: Note Length, Pitch, Accent, Slide, Env Trig, Slide Time, Filter CV, Gate Length
- Per Pattern: Time Signature, Length, Direction, Shuffle, Rotate, Filter B Mode

#### Pattern Write Modes
- Normal Mode
- Record Mode
- Pitch & Time Step Entry Mode (303)

#### Tracks Details
- 7 Tracks (Transferable via USB/MIDI)
- 64 Track Steps per track
- Transpose & Repeats per Track Step
- Copy, Paste, Clear, Dump
- Realtime Accent, Slide, Env Trg, Rest

#### Track Memorized Content
- Order of Patterns
- Transposition per Track Step
- Repeats per Track Step
- Cue (Loop) Points

#### Sequencer Primary Controls
- Tempo: 40~300BPM
- Primary Modes: Pattern Play/Write, Track Play/Write
- Chromatic Keyboard
- Pattern/Bank Select Buttons
- Step LED Buttons
- Function (Secondary) Menu
- Run/Stop

### DIMENSIONS
- 346mm(13.62")W x 172mm(6.77")D x 45mm(1.77")H
- 352mm(13.86")W x 176mm(6.93")D x 65mm(2.56")H
  w/ Hardware & Feet
- Weight: 5.2lbs (2.36kg)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

**European Union regulation compliance statement**

This product has been tested to comply with the Low Voltage Directive 2006/95/EC and the Electromagnetic Compatibility Directive 2004/108/EC. The product meets the requirements of RoHS 2 Directive 2011/65/EU.

This symbol indicates that your product must be disposed of properly according to local laws and regulations.
THANK YOU FOR CHOOSING THE AVALON BASSLINE SYNTH!

Please register your Avalon online at: www.abstraktinstruments.com/support/register/
For customer support, please contact us online at www.abstraktinstruments.com/support

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