Air Music Tech MELLOTRON Virtual Instruments User Guide

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Instruments User Guide

User Guide
English

Manual Version 1.0

Contents

Introduction

Thank you for purchasing the AIR Mellotron plugin instrument. The AIR Mellotron plugin is a recreation of the legendary tape sample keyboard machine featured on countless classic Rock albums. This plugin instrument version is designed for fresh, creative music production with a wide array of parameters, settings, and controls to craft an expansive range of keyboard instrument sounds. Start with the six sound categories and venture off into a wide variety of sound shaping sections, notably, the new Flavor section. Add different effects like Flutter or Noise to give your Mellotron Keyboards more texture and character for a new classic sound that is truly your own. This user guide explains the features and functions of the plugin instrument. For more information on using this plugin with other software, please refer to your software's documentation for adding and using plugin instruments.

System Requirements & Product Support

For complete system requirements and compatibility information, visit **airmusictech.com**.
For technical support, visit support.airmusictech.com.
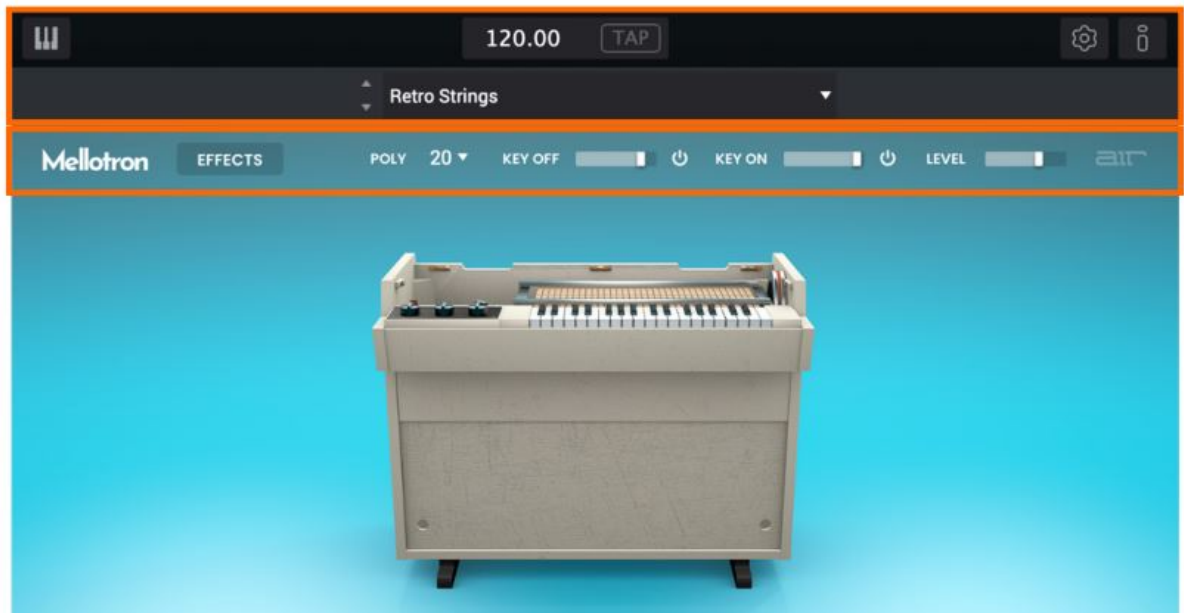
Installation

1. Double-click the .exe (Windows) or .pkg (macOS) file you downloaded. Follow the on-screen instructions to install the software.
2. Open the plugin application.
3. Click Sign In to sign into your in Music Brands Profile using your Internet browser. If you do not have an in Music Brands Profile yet, you will be prompted to create one.
4. Once you have signed in, click Activate in the plugin window to enter your serial key to unlock the plugin. You can unlock each plugin on up to three devices at a time.
5. If you do not have a serial key, you can click Try Unlicensed to explore the plugin with intermittent audio alerts. You can also click 10-Day Trial to initiate a free, fully featured trial of the plugin for 10 days. If you would like to purchase a serial key, click the link to purchase a license at **profile.inmusicbrands.com**.

Operation

Overview

Setup Section

FX Toggle, Global Controls

120.00 TAP

Retro Strings

Mellotron   EFFECTS   POLY 20 ▾   KEY OFF ⏻   KEY ON ⏻   LEVEL   air

Synth Controls

CLEAN   OFF ON   Violin   MODEL — TAPE   F E D C B A

FORMANT   AGE   SAMPLE START   CUTOFF

AMP ENVELOPE

ATTACK   VEL > AMP   VIB SPEED

RELEASE   MW > VIB   AT > VIB

120.00 TAP

Retro Strings

Mellotron   EFFECTS   POLY 20 ▾   KEY OFF ⏻   KEY ON ⏻   LEVEL   air

FX Controls

FLAVOR ⏻   COMPRESSOR ⏻   EQ ⏻   DELAY ⏻   SPRING REVERB ⏻

NEUTRAL

DEPTH   FLUTTER

VINYL

DIST   NOISE

THRESH   RATIO   ATTACK   MAKEUP

LO LO MID HI MID HI

TIME   FDBK

RESO

LP FREQ   BELL FREQ   BELL GAIN

L/R RATIO   MIX

PRE-DEL   TIME

DIFF

LO CUT   WIDTH

MIX

CLEAN   OFF ON   Violin   MODEL — TAPE   F E D C B A

FORMANT   AGE   SAMPLE START   CUTOFF

AMP ENVELOPE

ATTACK   VEL > AMP   VIB SPEED

RELEASE   MW > VIB   AT > VIB

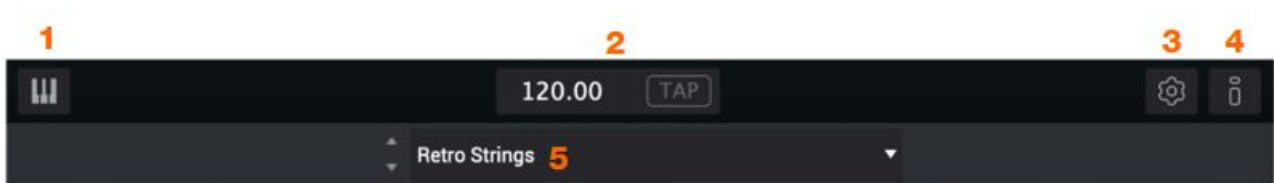**Setup Section**

1. Keyboard: Click this icon to enable or disable the virtual keyboard. When enabled, you can click these keys to input notes, or view notes being played on an external MIDI device.
2. Tempo: Displays the current plugin tempo. To change the tempo:
    • Click the number and use your keyboard to input a new value.
    • Click and drag the tempo value up or down using your cursor.
    • Click the Tap button at regular intervals.
3. Settings: Click this icon to open the Settings window, where you can set the following parameters:
    • Output: to select an audio hardware driver in your computer system. Click the Test button to play a test tone for checking your audio output settings. (Careful! You should lower the volume on your audio system beforehand.)
    • Sample Rate: Click this drop-down menu to select the desired sample rate for your project. This depends on the available sample rates of the type of MPC hardware you are using or of your audio interface (i.e., select 96000 Hz only if your interface allows a 96 kHz sample rate).
    • Audio Buffer Size: Click this drop-down menu to set your audio system's latency. Lower values result in a more immediate playing response but also more CPU consumption. If you are working with larger projects, this may cause audible clicks and pops. Higher values are more CPU-friendly but can produce more delay between pressing a pad and hearing the corresponding sound. The ideal audio buffer size also depends on your computer's CPU performance. Experiment with this to find the best setting for your system.
    • Active MIDI Inputs: Displays available MIDI input devices. To enable a device, check the box next to its name.
    • Bluetooth MIDI: Click this icon to open your system's Bluetooth settings menu, where you can select a Bluetooth-enabled MIDI device to control the plugin.
4. Info: Click this icon to display the plugin version information.
5. Preset: Click this drop-down menu to view the list of included plugin presets. You can also click the up and down arrows next to this field to move to the previous or next preset.

FX Toggle and Global Controls

Parameter	Description	Value Range
Effects	Toggles the main plugin view between synth parameters and effects parameters.	Off, On
Poly	Number of voices available.	1–40
Key Off	Amount of key-off noise.	0–100%
	Enables or disables key action noise on note off.	Off, On
Key On	Amount of key-on noise.	0–100%
	Enables or disables key action noise on note on.	Off, On
Level	Overall level of the plugin.	0–100%

Synth Controls

Parameter		Description	Value Range
Clean		Enables or disables a cleaner sample sound.	Off, On
Model Tape		Select the tape loop sample.	8 Voice Choir, Boys Choir, Flute, Violins 1, Violins 2, Violin
Formant		Decreases or increases the harmonic resonance of the formant frequency.	-12 – 0 – +12
Age		Amount of sound degradation applied.	0–100%
Sample Start		Starting point of the tape loop sample.	0–100%
Cutoff		Amount of filter cutoff applied.	0–100%
Amp Envelope			
	Attack	Length of time for the sound to reach full level.	0 ms – 32 s
	Release	Length of time for the sound to dissipate when the note is released.	0 ms – 32 s
Vel > Amp		The amount of effect velocity has on amplitude control.	0–100%
Vib Speed		Modulation speed of the vibrato effect.	0.03 – 30.00 Hz
MW Vib		Amount of vibrato applied from the mod wheel.	0–100%
AT Vib		Amount of vibrato applied from aftertouch.	0–100%

FX Controls

Parameter		Description	Value Range
Flavor		Click the button next to the effect name to enable or disable the flavor effect.	Off, On
	Timbre	Selects an emulation type to color the sound.	Varies
	Timbre Depth	Amount of timbre emulation applied to the sound.	0–100%
	Flutter	Amount of speed fluctuation of the sound playback.	0–100%
	Vinyl Distortion	Amount of vinyl distortion noise applied to the signal.	0–100%
	Vinyl Noise	Amount of vinyl noise such as clicks and pops applied to the signal.	0–100%
Compressor		Click the button next to the effect name to enable or disable the compressor.	Off, On
	Threshold	Signal level after which the compressor will be applied.	-30.0 – 0.0 – +10.0 dB
	Ratio	Amount of compression applied.	1.0:1 – 20.0:1
	Attack	Length of time to apply the compression.	0–100%
	Makeup	Amount of additional output gain for the compressed signal.	-20.0 – 0.0 – +20.0 dB
EQ		Click the button next to the effect name to enable or disable EQ.	Off, On
	Low	Amount of attenuation or boost applied to the low frequency band.	-12 – 0 – +12 dB
	Low Mid	Amount of attenuation or boost applied to the low-mid frequency band.	-20 – 0 – +20 dB
	High Mid	Amount of attenuation or boost applied to the high-mid frequency band.	-20 – 0 – +20 dB
	High	Amount of attenuation or boost applied to the high frequency band.	-12 – 0 – +12 dB

Parameter		Description	Value Range
Delay		Click the button next to the effect name to enable or disable delay.	Off, On
	Time	Amount of time between the dry signal and the delayed signal.	1/16 – 16/4
	Feedback	Amount of signal fed back into the delay line.	0–100%
	Reso LP Freq	Low pass frequency for feedback resonance.	100 – 16000 Hz
	Reso Bell Freq	Center frequency for feedback resonance.	100 – 16000 Hz
	Reso Bell Gain	Amount of gain applied to the resonant frequency.	0–100%
	L/R Ratio	Reduces the delay **Time** in either the **Left** or **Right** stereo field. This is useful for creating offset, panned delays.	50:100 – 100:100 – 100:50
	Mix	Wet/dry amount of the delay effect.	0–100%
Spring Reverb		Click the button next to the effect name to enable or disable spring reverb.	Off, On
	Pre-Delay	Length of time between dry signal and reverberated signal.	0 – 250 ms
	Time	Length of reverb tail.	1.00 – 10.00 s
	Lo Cut	Center frequency for reverb signal low-cut filter.	20 – 1000 Hz
	Diffusion	Rate of increasing density of reverb reflections. At lower settings, the sound of individual reflections is more present. At higher settings, reflections are more uniform.	0–100%
	Width	Stereo width of reverb signal. Higher values give wider stereo separation.	0–100%
	Mix	Wet/dry amount of the reverb effect.	0–100%

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airmusictech.com

Documents / Resources

Air Music Tech MELLOTRON Virtual Instruments [pdf] User Guide
MELLOTRON Virtual Instruments, Virtual Instruments, Instruments

References

Manuals+,