ELECTRIC

User Guide

English

Manual Version 1.1

Introduction

Thank you for purchasing the AIR Electric plugin instrument. The AIR Electric plugin emulates the sound of classic electric pianos. Dedicated Pickup, Envelope, Bell and Noise parameter sections provide a huge amount of flexibility to configure the timbre of the electric piano sound. Electric also includes five AIR effects: Tremolo, Tube Distortion, Chorus, Delay and Spring Reverb.

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 inMusic Brands Profile using your Internet browser. If you do not have an inMusic 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

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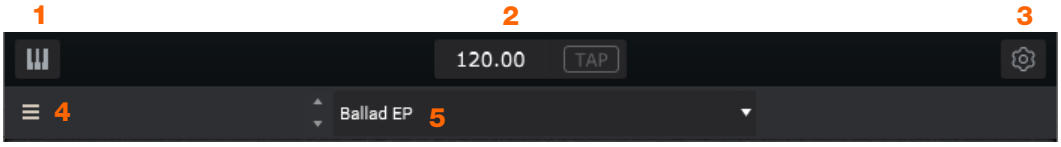
Setup Section



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. **Menu:** Click this icon to open the menu, where you can find the following options:
   - **Scale:** Click here to select a value to scale the plugin window to a new size.
   - **Load Preset:** Click here to load a saved preset.
   - **Save Preset:** Click here to save the current preset.
   - **Open User Guide:** Click here to open this User Guide.
   - **About:** Click here to view 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.

Synth Controls

Parameter		Description	Value Range
Velocity	Level	Adjusts how much incoming velocity is applied.	0–100%
	Tone	Ties the incoming velocity to tone. At higher values, increased velocity increases tone brightness.	0–100%
	Attack	Ties the incoming velocity to the attack envelope. At higher values, lower velocities feature longer attack times.	0–100%
Polyphony		Number of voices available.	1–16 Voices
Level		Overall level of the plugin.	-Inf dB – 0.0 – +6.0 dB
Pickup	Type	Type of pickup emulated. Click and drag the slider to change the type.	Pickup, 0–100% Electro-Static, 0–100% Electro-Magnetic
	Height	Height of the pickup to the tines. Click and drag the slider to change the height.	0.0 – 5.0 mm
	Distance	Distance of the pickup to the tines. Click and drag the slider to change the distance.	0.1 – 10.0 mm
	Clip	Amount of clipping applied to the signal.	0–100%
	Keytrack	Ties the pickup parameters to the pitch being played. At higher values, the Distance is increased as the pitch is increased.	0–100%

Parameter		Description	Value Range
Envelope	Attack	Length of time for the note to reach full volume.	100–0% Hard, 0–100% Soft
	Decay	Length of time for the note to reach the sustained volume.	100 ms – 20.0 s
	Release	Length of time for the note to become silent after being released.	100 ms – 5.0 s
	Peak Length	Length of time full volume is held before decaying.	3–50 ms
	Keytrack	Ties the envelope parameters to the pitch being played. At higher values, the envelope time is decreased as the pitch is increased.	0–100%
Bell		Click the button next to the parameter name to enable or disable bell.	Off, On
	Tune	Pitch of the bell sound, in semitones above the root pitch.	0– 60 semitones
	Dry/PU	Mix of Dry versus Pickup signal for the bell sound.	-100% – 0% – +100%
	Volume	Level of the bell sound.	-Inf dB – 0.0 – +6.0 dB
	Tune Keytrack	Ties the tuning of the bell sound to the pitch being played.	0–100%
	Decay	How long it takes for the bell sound to dissipate.	100 ms – 7.00 s
	Keytrack	Ties the amount of bell sound to the pitch being played. At negative values, the bell sound is increased as the pitch increases. At positive values, the bell sound is increased as the pitch decreases.	-100% – 0% – +100%
Noise		Click the button next to the parameter name to enable or disable noise.	Off, On
	Freq	Center frequency of the noise effect.	200 Hz – 16.0 kHz
	Random	Amount of randomization applied to the noise effect.	0–100%
	Mix	Level of noise effect present.	-Inf dB – 0.0 – +6.0 dB
	Attack	Length of time for the noise effect to reach full level.	1–50 ms
	Decay	Length of time for the noise effect to dissipate.	100 ms – 3.00 s
	Keytrack	Ties the Freq to the pitch being played.	0–100%

FX Controls

Parameter		Description	Value Range
Tremolo		Click the button next to the effect name to enable or disable tremolo.	Off, On
	Sync	Sync the Tremolo **Rate** to the **Global Tempo** or let it run **Free**.	Free, Sync
	Mode	Select **Pan** for stereo field modulation, or **Tremolo** for amplitude modulation.	Pan, Tremolo
	Rate	Modulation speed of the effect.	
		When **Sync** is set to **Free:**	0.25 – 13.00 Hz
		When **Sync** is set to **Sync:**	8/4 – 1/16
	Depth	Amount of modulation applied.	0–100%
Tube		Click the button next to the effect name to enable or disable the tube effect.	Off, On
	Drive	Amount of drive applied.	0–100%
	Saturation	Amount of saturation applied.	0–100%
	Headroom	Amount of gain reduction between the clean signal and the driven signal.	-30.0 – 0.0 dB
	Output	Output level of the tube driven signal.	-20.0 – 0.0 – +20.0 dB
Chorus		Click the button next to the effect name to enable or disable chorus.	Off, On
	Rate	Modulation speed of the effect.	0.40 – 3.20 Hz
	Depth	Amount of pitch modulation of the effect.	0–100%
	Mix	Wet/dry amount of the chorus effect.	0–100%

Parameter		Description	Value Range
Delay		Click the button next to the effect name to enable or disable delay.	Off, On
	Sync	Sync the Delay **Time** to the **Global Tempo** or set to **Free** to adjust **Time** by milliseconds.	Free, Sync
	Time	Amount of time between the dry signal and the delayed signal. When **Sync** is set to **Free:** When **Sync** is set to **Sync:**	 1 ms – 2.00 s 1/32 – 8/4
	Ratio	Reduces the delay **Time** in either the **Left** or **Right** stereo field. This is useful for creating offset, panned delays.	L 50:100, R 100:50
	Feedback	Amount of signal fed back into the delay line.	0–100%
	Damp	Center frequency of where the delay signal will be dampened.	1.00–20.0 kHz
	Reso	Amount of resonance of the feedback signal.	0–100%
	Reso Freq	Center frequency for feedback resonance.	100 Hz – 10.0 kHz
	HPF	Center frequency for delay signal high-pass filter.	20.0 Hz – 1.00 kHz
	Width	Stereo width of delay signal. Higher values give wider stereo separation.	0–100%
	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
	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%
	Time	Length of reverb tail.	1.0 – 10.0 s
	Width	Stereo width of reverb signal. Higher values give wider stereo separation.	0–100%
	Low Cut	Center frequency for reverb signal low-cut filter.	20.0 Hz – 1.00 kHz
	Width	Stereo width of reverb signal. Higher values give wider stereo separation.	0–100%

Trademarks and Licenses

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