

# **ait**

# **Stage Piano**

## **User Guide**

### English

Manual Version 1.1

## Introduction

Thank you for purchasing the AIR Stage Piano plugin instrument. AIR Stage Piano is the brand-new flagship acoustic piano instrument. With an elegant interface, you can tweak the sound of each piano model to your taste by changing the dynamics, age, and formants of the piano timbre and adjust note release samples and sustain resonance to increase realism. From the depth and richness of a concert grand to the upright jazz feel of the most vibrant club, Stage Piano and its inspirational selection of carefully crafted presets are perfect for capturing the moment. The instrument includes:

- Advanced acoustic piano sound engine
- Up to six velocity layers.
- Four multi-sampled acoustic pianos: Yamaha C7, Steinway D, Bechstein Upright, and Workstation.
- Sympathetic resonance.
- Hammer fall and staccato release layers.
- Equal and stretched tunings.
- Five built-in AIR effects: Flavor, Compressor, EQ, Delay, and Reverb.

This user guide explains how to use your plugin instrument. For more information on using other parts of the MPC software or hardware, please consult the respective MPC Software User Guide and MPC hardware User Guide.

## System Requirements & Product Support

For complete system requirements and compatibility information, visit [airmusictech.com](http://airmusictech.com).

For technical support, visit [support.airmusictech.com](http://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](http://profile.inmusicbrands.com).

# Operation

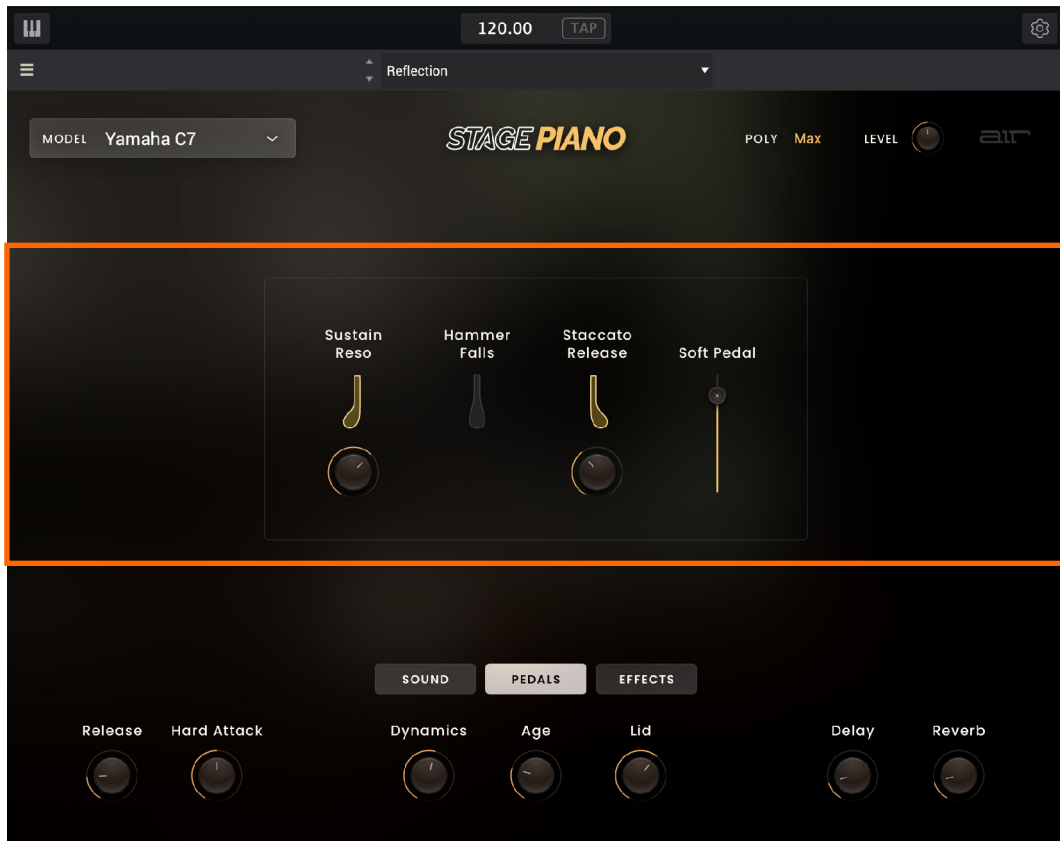
## Overview

### Setup Section

### Global Controls, Sound Controls



### Pedals Controls



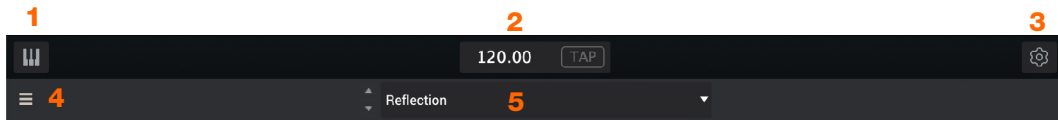
Effects Controls

The screenshot displays the 'Effects Controls' section of the 'STAGE PIANO' app. At the top, the tempo is set to 120.00 and the current effect is 'Reflection'. The selected model is 'Yamaha C7'. The interface is divided into several control panels:

- FLAVOR:** Includes a 'Flavor' toggle, a 'Depth' knob, 'Flutter' and 'Monofy' buttons, and 'VINYL' options for 'Distortion' and 'Noise'.
- COMPRESSOR:** Features a 'Threshold' knob, 'Ratio' and 'Attack' knobs, and a 'Makeup' knob.
- EQ:** Includes an 'EQ' toggle and four frequency sliders: 'Low', 'Low Mid', 'High Mid', and 'High'.
- DELAY:** Has a 'Time' knob, 'L/R Ratio' and 'Feedback' knobs, and 'RESONANCE' options for 'LP Freq', 'Bell Freq', and 'Bell Gain'.
- REVERB:** Includes a 'Reverb' toggle, a 'Hall' selection dropdown, and a 'Time' knob.

At the bottom, there are tabs for 'SOUND', 'PEDALS', and 'EFFECTS'. Below these are seven knobs for 'Release', 'Hard Attack', 'Dynamics', 'Age', 'Lid', 'Delay', and 'Reverb'.

## Setup Section



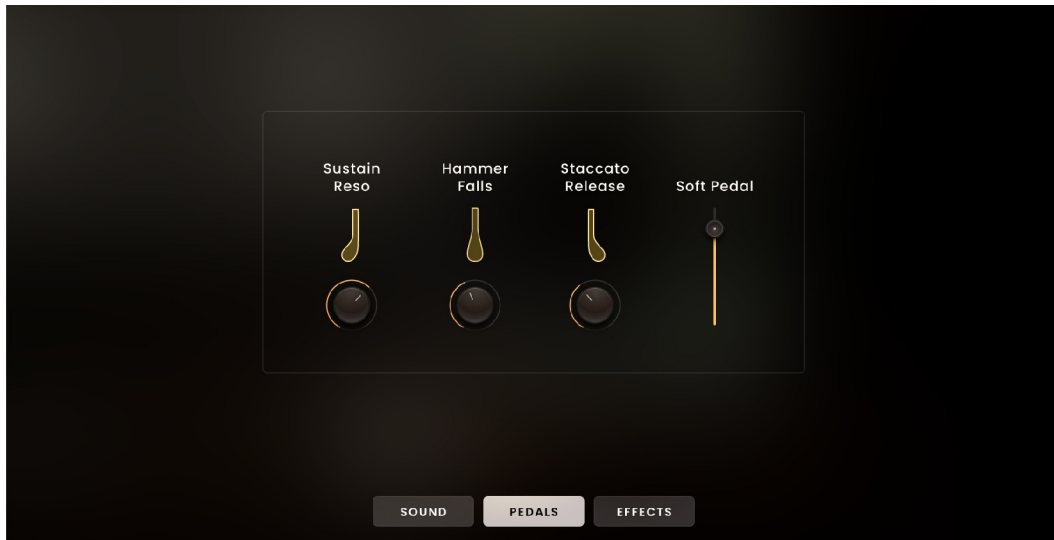
1. **Keyboard:** Click this icon to enable or disable the virtual keyboard. When enabled, you can click these keys to input notes, or view notes being played on an external MIDI device.
2. **Tempo:** Displays the current plugin tempo. To change the tempo:
  - Click the number and use your keyboard to 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:** Click this drop-down menu 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.

## Global Controls and Sound Controls



All parameters in this view except **Style** and **Tuning** can be accessed from any other plugin view.

Parameter	Description	Value Range
Model	Type of piano emulation used.	Yamaha C7, Steinway D, Bechstein Upright, Workstation
Style	Type of sound modeling used.	Atmos, Clunk, Soft, Ballad, Real, Bright, Hard, Dance
Tuning	Type of string tuning used.  Select <b>Stretched</b> to adjust the tuning like an acoustic piano, where the lower notes are slightly flattened and the higher notes are slightly sharpened, leading to a more complex harmonic resonance.  Select <b>Equal</b> for a uniform tuning across all notes.	Stretched, Equal
Poly	Number of available voices.	1–45, Max
Level	Overall volume level of the plugin.	0–100%
Release	Length of time for the note to become silent after being released.	0 ms – 32.00 s
Hard Attack	Increase the strength of the initial sound attack.	0–100%
Dynamics	Adjust the dynamic range between soft and loud notes. At low values, the dynamic range is reduced; at high values, the dynamic range is expanded.	0–100%
Age	Amount of model age applied, including detuning.	0–100%
Lid	Increase the effect of opening the piano lid.	0–100%
Delay	Wet/dry amount of the delay effect.	0–100%
Reverb	Wet/dry amount of the reverb effect.	0–100%



Parameter	Description	Value Range
Sustain Reso	Enables or disables the sustain resonance pedal.	Off, On
Level	Level of sustain resonance applied when the pedal is on.	0–100%
Hammer Falls	Enables or disables the sound of the piano hammer “falling” after hitting the string.	Off, On
Level	Level of the hammer fall sound when the pedal is on.	0–100%
Staccato Release	Enables or disables the staccato release pedal.	Off, On
Level	Level of staccato release when the pedal is on.	0–100%
Soft Pedal	Level of soft pedal applied, which dulls the timbre of the sound.	0–100%

Effects



Parameter	Description	Value Range
Flavor	Use the button in the upper-right corner of this section 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%
Monofy	Reduces the stereo spread of the sound to mono.	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	Use the button in the upper-right corner of this section to enable or disable the compression effect.	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	Use the button in the upper-right corner of this section to enable or disable the EQ effect.	Off, On
Low	Amount of attenuation or boost applied to the low frequency band.	-12.0 – 0.0 – +12.0 dB
Low Mid	Amount of attenuation or boost applied to the low-mid frequency band.	-12.0 – 0.0 – +12.0 dB
High Mid	Amount of attenuation or boost applied to the high-mid frequency band.	-12.0 – 0.0 – +12.0 dB
High	Amount of attenuation or boost applied to the high frequency band.	-12.0 – 0.0 – +12.0 dB



## Effects (continued)

Parameter	Description	Value Range
Delay	Use the button in the upper-right corner of this section to enable or disable delay.	Off, On
Time	Amount of time between the dry signal and the delayed signal.	1/16 – 16/4
L R Ratio	Reduces the delay <b>Time</b> in either the <b>Left</b> or <b>Right</b> stereo field. This is useful for creating offset, panned delays.	50:100 – 100:100 – 100:50
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%
Reverb	Use the button in the upper-right corner of this section to enable or disable the spring reverb effect.	Off, On
Type	Type of reverb applied.	Soft, Bright, Studio, Chamber, Hall, Ambient
Time	Length of reverb tail.	0.3 – 60.00 s

## Trademarks and Licenses

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