

air

VOCAL FX COLLECTION

User Guide

English

Manual Version 1.1

Introduction

Thank you for purchasing the AIR Vocal Bundle plugin effects. The Vocal Bundle is a group of effects that offers a range of ways to change the timbre of your sound from distortion, doubling, harmonizing, or tuning:

[AIR Vocal Distortion](#)

[AIR Vocal Doubler](#)

[AIR Vocal Harmonizer](#)

[AIR Vocal Tuner](#)

This user guide explains the features and functions of the plugin effects. For more information on using the plugins with other software, please refer to your software's documentation for adding and using plugin effects.

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 your favorite DAW host software.
3. Open your software's Preferences, Options, or other menu to scan for the AIR Vocal FX Collection effects as new plugins. Consult your software's documentation for more information.
4. In your project, add an AIR Vocal FX Collection plugin as an insert effect to any audio or MIDI track, and then open the plugin window.
5. 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.
6. 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.
7. 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.

Setup Section



See the options below which details the common layout and settings available in each plugin:

1. **Menu:** Click this icon to open the menu, where you can find the following options:
 - **Scale:** Click here to select a value from 50-200% 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.
 - **Check For Updates:** Click here to check for available software updates.
2. **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.

AIR Vocal Distortion



Parameter		Description	Value Range
Drive		Amount of distortion applied.	0 – 100%
Output		Output level of the driven signal.	-24.0 – 0.0 dB
Mix		Wet/dry amount of the effect.	0 – 100%
Input	HP	Center frequency for the input high-pass filter.	20 – 1000 Hz
	LP	Center frequency for the input low-pass filter.	500 – 20000 Hz
Pre Slope		Adjusts the rate of frequency drop-off for the Input filters.	-6 dB, -12 dB, -24 dB
Post Slope		Adjusts the rate of frequency drop-off for the Output filters.	-6 dB, -12 dB, -24 dB
Output	HP	Center frequency for the output high-pass filter.	20 – 1000 Hz
	LP	Center frequency for the output low-pass filter.	500 – 20000 Hz

AIR Vocal Doubler



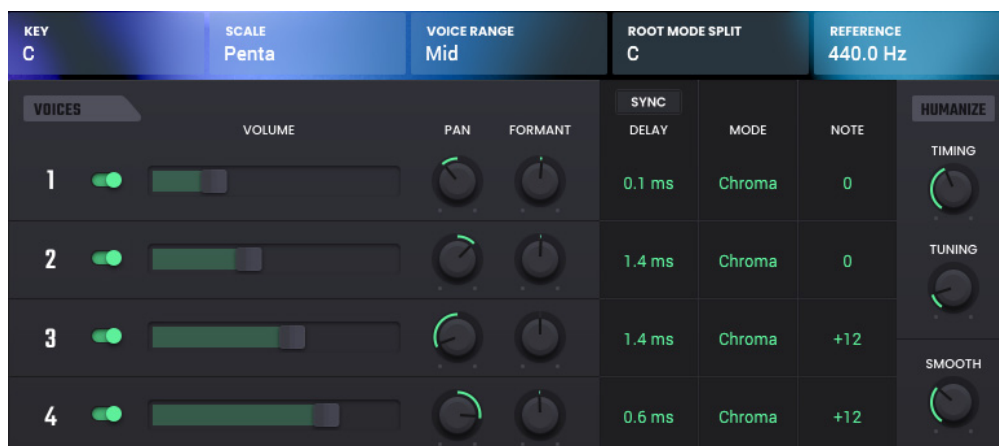
Parameter	Description	Value Range
Lead Volume	Volume level of the input audio.	-inf – 0.0 – +6.0 dB
Voices	The number of doubling voices applied.	1 – 8
Doubler Volume	Volume level of the doubled voices.	-inf – 0.0 – +6.0 dB
Stereo Spread	Sets the width that the effect is spread across the stereo spectrum.	0 – 100%
Depth	Amount of pitch variation.	+/- 0 – 250%
Rate	Balance between fast and slow pitch modulation.	0 – 100%
Timing	Amount of timing offset for the pitch variation.	0 – 800 ms

AIR Vocal Harmonizer

The Vocal Harmonizer plugin lets you use up to 4 layers to thicken vocals, add texture, or pitch shift vocals.



Parameter	Description	Value Range
Lead Volume	Volume level of the input audio.	-inf – 0.0 dB
Harmony Volume	Volume level of the harmonized voices.	-inf – 0.0 dB

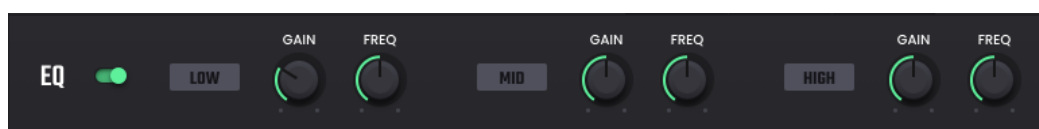


Parameter	Description		Value Range
Voices	Add up to 4 layers of voices. Click "Add Voice" to enable the selected voice. Click the switch to disable the selected voice.		Off, On
Volume	Adjust the voice's volume.		-inf – 0.0 dB
Pan	Adjusts the voice's panning.		L100-C-R100
Formant	Adjust to alter the characteristics of the voice		-7.0 – 0.0 – 7.0
Key	Sets the root note of the Scale for harmonization.		A, A#, B, C, C#, D, D# E, F, F#, G, G#
Scale	Select the Scale used for harmonization when the Voice Mode is set to Scale .		Major, Minor, Melodic Minor, Harmonic Minor, Dorian, Phrygian, Lydian, Mixolydian, Locrian, Chromatic, Penta, Major Triad, Minor Triad, Root
Voice Range	Selects the vocal range for tuning detection.		Very Low, Low, Mid, High, Very High
Root Mode Split	The chord root is used to determine the harmony notes.		A, A#, B, C, C#, D, D# E, F, F#, G, G#
Reference	The hertz frequency used to determine the vocal harmony range.		420.0 – 460.0 Hz
Delay	Sync	Sync the Delay to the note value or millisecond value based on the Sync setting.	Off, On
	Delay	Adds a note delay for the voice.	
		When Sync is Off :	0.0 – 1000.0 ms
		When Sync is On :	0, 1/64, 1/32T, 1/64D, 1/32, 1/16T, 1/32D, 1/16, 1/8T, 1/16D, 1/8, 1/4T, 1/8D, 1/4, 1/2T, 1/4D, 1/2, 5/8, 3/4, 7/8, 4/4
Mode	Determines how the voice is harmonized.		Scale, Chroma, Fixed



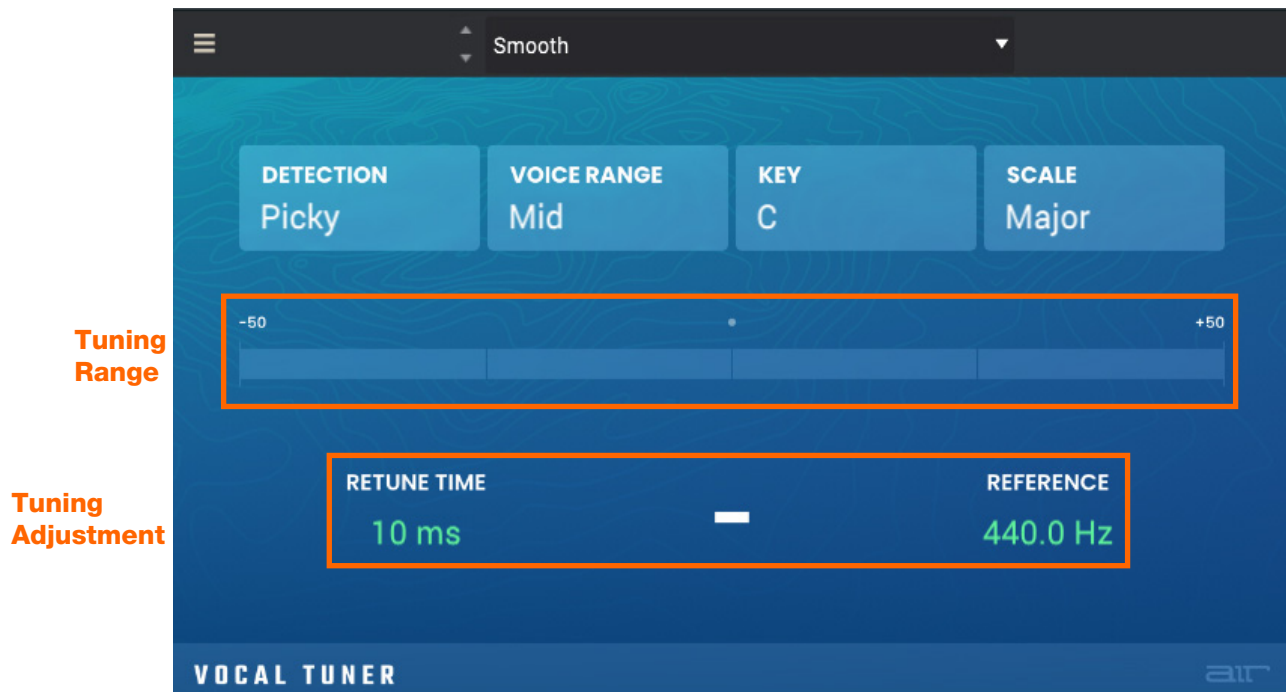
Parameter	Description		Value Range
Note	Determines the pitch of each voice, depending on the Mode selected.		
	When Mode is set to Scale :		Oct+, 7th+, 6th+, 5th+, 4th+, 3rd+, 2nd+, Unison, 7th-, 6th-, 5th-, 4th-, 3rd-, 2nd-, Oct-
	When Mode is set to Chroma :		-24 – 0 – +24
	When Mode is set to Fixed :		G1 – G#6
Humanize	Timing	Adds more variance to the voice's timing to sound more human.	0 – 100%
	Tuning	Adds more variance to the voice's pitch to sound more human.	0 – 100%
	Smooth	Adjusts the voice's smoothness.	5 – 200 ms

EQ



Parameter	Description		Value Range
EQ On/Off	Turns the EQ function on or off.		Off, On
Low EQ	Gain	Adjusts the level of the Low EQ band.	-12.0 – 0.0 – 12.0 dB
	Frequency	Center frequency of the Low EQ band.	20 – 800 Hz
Mid EQ	Gain	Adjusts the level of the Mid EQ band.	-12.0 – 0.0 – 12.0 dB
	Frequency	Center frequency of the Mid EQ band.	200 – 4000 Hz
High EQ	Gain	Adjusts the level of the High EQ band.	-12.0 – 0.0 – 12.0 dB
	Frequency	Center frequency of the High EQ band.	1000 – 20000 Hz

AIR Vocal Tuner



Parameter	Description	Value Range
Detection	Selects how sensitive the tuning is to incorrect notes.	Unworried, Default, Selective, Picky, Blind
Voice Range	Selects the vocal range for tuning detection.	Very Low, Low, Mid, High, Very High
Key	Selects the root note of the scale that the voice tuning is in.	A, A#, B, C, C#, D, D#, E, F, F#, G, G#
Scale	Selects the scale used for voice tuning.	Major, Minor, Harmonic Minor, Melodic Minor, Dorian, Phrygian, Lydian, Mixolydian, Locrian, Chromatic, Penta, Major Triad, Minor Triad, Root
Tuning Range	Displays the tuning in real-time of what the key is being detected as.	-50 – 0.0 – +50
Retune Time	Select how quickly the tuner will react to the incoming audio.	1 – 1000 ms
Reference	Select the frequency that is used as the source to determine the pitch tuning.	420.0 – 460.0 Hz

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