Virtual Voices, Real Results

Natural, intelligent vocal harmony for ProTools HD and PowerCore

If you've dreamed of producing a hit song, you've surely thought about great harmonies. Now think about arranging and stacking the perfect harmony parts long after the singer has done the main work and gone home. How about adding that one last high harmony part… during mixing! Maybe you could quadruple each of the three parts your singer did in three quick passes through the plug-in. These are your options with Harmony4. With a choice of MIDI controlled and automatic control methods, anyone can take advantage of this new way of working regardless of instrument skills. The sonic difference lies in TC-Helicon's research and implementation of humanization features, the accuracy and speed of the patent-pending pitch detection and other great algorithms you'll discover when you use Harmony4 on your next song.
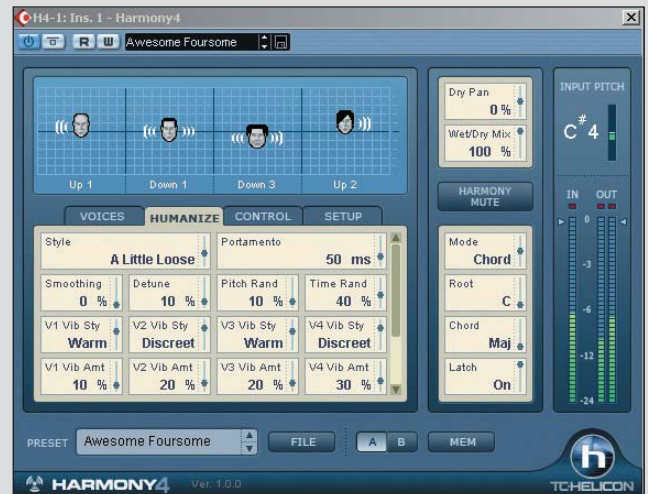
PRO TOOLS | HD   **POWERCORE**

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HARMONY4

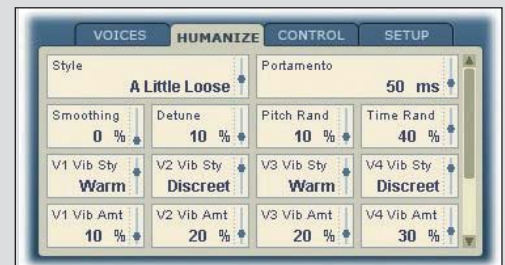## Features

▸ Creates convincing virtual harmony tracks from a single vocal
▸ Robust pitch detection and smooth harmony sound
▸ Produces rich vocal harmony and memorable special effects
▸ Individual voice control of humanization features and more
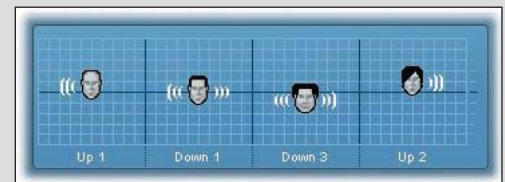▸ Harmony voices can sound like clones of the lead singer or 4 different singers

It's Alive!

The Humanization tab is where the harmony voices come alive. Humanization makes each harmony part sound more like it was sung by a different singer or the same singer in another take. Choose between the handy pre-programmed styles or dive right in with adjustments. Dynamic pitch and time randomizing algorithms not only offset the start of each harmony note, they modulate during notes as a real singer would. Smoothing acts like subtle pitch correction on the harmony voices to heighten realism. Add scooping, vibrato, detune and portamento to taste, stir well, and you've got tasty vocal harmonies!

Seeing is Believing

Check the status of the four voices at a glance in this convenient visualization area. The "harmony heads" show each voice's gender (or formant) setting, pan position, level and pitch shift interval simultaneously. The text in the graphic shows the interval names when a Chord mode preset is selected. Experimenting with different intervals is easy. You can edit with the parameter or by clicking and dragging the virtual heads with your mouse.

Flexible Control

Arranging harmonies is easy in Harmony4. There are four control methods that allow you to call upon varying degrees of Harmony4's musical intelligence. The harmony mode with the most intelligence is Scale mode where all you do is pick a key and a scale to suit your song and the harmony interval you've chosen follows the vocal intelligently. Chord harmony responds to MIDI chords while calling upon its intelligence to follow the input voice harmonically. Finally, the Notes and Notes 4 Channel harmony modes give you complete control by allowing you to layer each harmony part as you would any melody on a MIDI keyboard. Shift mode requires no intelligence or MIDI; you simply choose a pitch interval and it stays fixed to produce Gregorian chants or unusual pitch shift effects.

Note: Due to continuous development and standardization all specifications are subject to change without notice