INTRODUCING
MPC2
SOFTWARE
VERSION **2.4**

FEATURES

- 16 CLASSIC EFFECTS FROM PROTOOLS
  - 12 ALL NEW EFFECT PLUGINS
- **MOTHER DUCKER** SIDE-CHAIN EFFECTS
  - CLIP PROGRAM ENHANCEMENTS

AVAILABLE FOR

MPCX | MPCLIVE

RELEASE NOTES
MPC 2.4 DESKTOP SOFTWARE AND FIRMWARE UPDATE

Compatibility
This is a firmware and software update.

Desktop Software
The MPC 2.4 desktop software includes MIDI maps for popular Ableton, Arturia, Korg, M-Audio and Native Instruments controllers.

Downloading the Update
To download the MPC 2.4 Desktop Software Update, log into your Akai Pro user account or through MPC 2.3 when prompted.

For instructions on installing the update, please visit our knowledge base article here.

Firmware
This release is for MPC X and MPC Live hardware.

Downloading the Update
To download the 2.4 Firmware Update, navigate to the MPC X or MPC Live product page and click on Downloads to find the Mac and PC download links:
- MPC Live product page
- MPC X product page

For instructions on installing the update, please visit our knowledge base article here.

New Features

The MPC standalone now includes the MPC AIR FX bundle comprising 28 effects written by the DSP gurus at AIR Music Technology. The original AIR Creative FX collection has been included as part of Pro Tools® since Version 8 and is considered the reference FX suite by some of the world's most respected audio professionals. These same effects from Pro Tools have been ported to MPC so you can use them in your standalone or desktop MPC software. The range of effects have also been greatly expanded to include twelve new plugins including the AIR Channel Strip and AIR Transient. Each effect has been expertly designed with ease of use in mind and the stunning new TUI layouts take using effects inside MPC to a whole new level.

16 Classic FX from ProTools:

- **AIR Distortion:** Instantly adds colour to audio signals with multiple modes, and scalable amounts, of distortion.
- **AIR Enhancer:** Enhances the low and high broadband frequencies of an audio signal.
- **AIR Ensemble:** Applies fluid, shimmering modulation effects to the selected audio signal.
- **AIR Filter Gate:** Highly-acclaimed plug-in that chops an audio signal into staccato rhythmic patterns with variable filtering, amplitude, and panning.
- **AIR Flanger:** Applies a short modulating delay to the selected audio signal.
- **AIR Freq Shift:** Shifts the audio signal's individual frequencies, creating a unique effect.
- **AIR Fuzz-Wah:** Adds colour to an audio signal with various types, and varying amounts, of transistor-like distortion.
- **AIR Kill EQ:** Instantly mutes the Low, Mid or High broadband frequency range independently from an audio signal - a popular effect with DJs and is commonly heard in contemporary electronic music production.
- **AIR Lo-Fi:** Bit-crush, down-sample, clip and rectify the selected input signal.
- **AIR Multi-Chorus:** Applies a thick, complex Chorus effects to an audio signal.
- **AIR Non-Linear Reverb:** Applies a special gated or reversed Reverb effect to the audio signal, creating a synthetic, processed ambience.
- **AIR Phaser:** Applies a phaser to an audio signal for that much sought-after "wooshy," "squishy" sound.
- **AIR Reverb:** Applies Reverb to the audio signal, creating a sense of room or space – perfect for Effect Send inserts or Main Effects inserts.
- **AIR Spring Reverb:** A faithful emulation of the classic spring reverb sound.
- **AIR Stereo Width:** A useful plug-in that creates a wider stereo presence within the source audio.
- **AIR Talkbox:** Instantly add voice-like resonances to selected audio signals.

12 All-New Plugins

- **AIR Channel Strip:** Specially written for MPC this channel strip combines multiple sections with a super-fast interface for getting incredible results. The equalization section features a high-pass filter, low shelf, high shelf, and a fully parametric mid-band. The dynamics section includes AIR compressor and gate algorithms, which are perfect for achieving hard-hitting drum sounds.
- **AIR Compressor:** A production mainstay. Use this Compressor to change the dynamic range of a signal by automatically reducing its gain if it exceeds a certain level.
- **AIR Delay:** A classic stereo delay featuring a feedback path that has a filter within it to shape the tonality of the repeats. The Ratio and Width parameters enable you to a achieve a wide range of stereo delay effects.
- **AIR Diff Delay:** Delay line effect that is synchronized to the session tempo and uses an adjustable amount of diffusion, thus emulating the dissipation of echoes in reverberant space.
- **AIR Filter:** Applies a filter to an incoming audio signal and then applies a selectable type of distortion and reduction to the filtered signal.
- **AIR Maximizer:** A limiter specifically developed for professional mastering.
- **AIR Noise Gate:** A classic gate effect with a dedicated denoise section to achieve a smoother gate

effect with less audible chatter.

- **AIR Para EQ:** Four-band parametric equalizer with four independent EQ ranges.
- **AIR Pitch Shifter:** Transpose the pitch of incoming audio; a range of pitch shifting algorithms gives you a variety of flavours to experiment with.
- **AIR Pumper:** Pumper creates a rhythmic pumping effect, similar to that of sidechain compression, with an assignable speed, depth and envelope shape.
- **AIR Transient:** Add more attack to drum sounds, reduce the level of reverb or increase the sustain level a bass guitar.
- **AIR Tube Drive:** Emulates the sound of the signal being played through a mildly "overdriven" tube amp, creating a warm, smooth-sounding distortion.

Mother Ducker and Mother Ducker Input Processors

You can now achieve **Side chain ducking** effects in the MPC standalone or desktop software using the new **Mother Ducker** and **Mother Ducker Input** effects plugins. To achieve a ducking effect on a synthesizer part using a kick drum as a trigger input: On a drum program go to the pad mixer and on the mixer strip for the kick drum add the Mother Ducker Input. Next go to the channel mixer and add the Mother Ducker to one of your Plugin instrument program channel strips. The Mother Ducker Input sends the kick drum down one of the Mother Ducker's internal buses to the Mother Ducker plugin. Within the Mother Ducker plugin you can meter the input level from the kick drum and tweak the amount of ducking using the threshold and ratio parameters. The Attack and Release parameters allow you to sculpt the envelope of the gain reduction to achieve exactly the pumping effect you are after. The Mother Ducker has eight internal buses so that you can setup multiple channel strips with ducking effects on from different sources.

Other notable additions:

- Clip Programs internal architecture has been significantly improved so that you can now play up to 16 programs simultaneously. Now when changing tracks or changing sequence your clips will continue to play allowing you to incorporate them seamlessly into a live performance.
- Next Sequence mode now remembers the next sequence change when leaving the mode
- Holding Shift and pressing the hardware Stop button returns the playhead to the beginning of the timeline.
- You can now Load FLAC and OGG files into both the desktop and standalone MPC.
- You can now Export FLAC and OGG files in both the desktop and standalone MPC.
- The desktop software now contains stunning new **TUI layouts** for the AIR instruments **Hybrid, Loom, Vacuum Pro, Velvet, Xpand!2, theRiser**.