

MPCX

Standalone MPC Natively Powered By
MPC 2 Software

Standalone MPC

10.1-inch full-color multi-touch display

16 Touch-capacitive Q-Links controls with
OLED displays

Includes 3 standalone synth engines from
AIR Music Technology: Tubesynth, Bassline
and Electric

4 selectable inputs: 2 XLR / ¼-inch combo
jacks with switchable phantom power, 2 ¼-
inch TRS jacks,

2 instrument level, ¼-inch jacks, turntable
RCA input with ground peg

8 outputs: balanced ¼-inch jack

8 configurable CV/Gate outputs enabling the
analog control of modular gear

Ableton Live Integration - Complete
command over Live's clip launching, mixer
and instrument macro controls wirelessly via
Wi-Fi



MPC X

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Introduction

Modern music's evolution is intrinsically linked to the legendary Akai Professional MPC line - full-featured production and performance powerhouses that have spawned multiple genres and advanced countless existing ones. With a design often replicated but never surpassed, the Music Production Center empowers users with an unrivaled workflow and a tangible, intuitive interface coupled with forward thinking, in-demand functionality that sets the precedence for the industry standard. Don't settle for an imitation, take control of your creative output with MPC.

New in MPC

MPC returns, armed with reimagined functionality and retaining the core workflow ethos that defined its iconic reputation. So what's new in MPC X? Standalone functionality, CV outputs, audio track recording, clip launching, MPC 2 Software and much more. This isn't just the next generation of MPCs, this is a turning point in self-contained creative capability.

Immersive Production

MPC doesn't just complement your workflow, it enhances it. With MPC X the convenience of touch-screen control, full-featured functionality and standalone capability fuses with Akai Professional's iconic velocity- and pressure-sensitive RGB 16-pad format. The result? Immersive, self-contained production and performance solutions meticulously designed for unprecedented creative expression without limitation.

Control Evolved

Precision engineered to enhance your creative flow, the MPC X's arsenal of hardware controls redefines the studio centerpiece standard. 16 velocity- and pressure-sensitive backlit RGB pads provide iconic MPC response, faithfully capturing every subtle nuance of your performance. 16 touch-sensitive 360-degree Q-Links with OLED displays seamlessly map to critical parameters, with user-selectable mapping functionality for a completely personalised experience. 66 buttons provide direct hardware access to all

aspects of the user interface, catering for any workflow preference.

Studio Centerpiece

The MPC X forms the beating heart of your creativity, offering harmonious integration with your existing setup thanks to an ensemble of studio-grade inputs and outputs. 8 balanced outputs connect to virtually all peripheral studio equipment for uncompromised signal routing and monitoring capability. Plus, a combination of XLR, ¼-inch high-Z, balanced ¼-inch, and Turntable RCA inputs, plus switchable phantom power (+48v), direct hardware monitoring, interactive VU metering, dual ¼-inch & ⅛-inch headphone outputs and pristine high-resolution capture ensures rapid assimilation into your setup and an unprecedented production experience.

Radiant High-Definition Display

Center-stage on the MPC X is a high-definition, full color 10.1-inch fully articulating multi-touch display, conveniently outfitted with 8 lockable positions. Immerse yourself in a world of intuitive gesture based control of your production on the largest screen ever fitted to an MPC to date.

Fully-Loaded. Versatile

Whether you prefer working in the box or dream of a truly unleashed production experience, MPC X effortlessly transforms from a formidable standalone production centre to a high-powered MIDI controller. Natively powering MPC in standalone mode is MPC 2 Software, fully loaded with critical in-demand production and performance capability. Connect MPC X to your Mac or PC, load MPC software as a plugin into your DAW of choice - or as a standalone application - and harness the undeniable power and creative scope of VST-instruments and effects. Whatever your preference, MPC X redefines expectations for control, seamlessly accommodating the most stringent of needs with ease.

Expandable Storage

As standard MPC X ships with 16GB of internal Micro SD storage. Seeking to incorporate your own samples without tethering to a computer? MPC X features a 2.5-inch SATA drive connector providing expanded storage via external hard drive - SSD or HDD. Additionally, sounds can be accessed and added to the library using the built-in SD Card slot or the USB thumb drive.

Outboard Control

With MPC X, harnessing the power and of your modular systems, sound modules, drum machines and synthesizers couldn't be easier. Fusing a raft of premium control sources, an on-board 2-in/4-out MIDI interface plus 8 configurable CV outputs, take control of your outboard equipment using MPC X's unmatched sequencing capability. Plus, the MPC X's 2 USB 2.0 inputs adds further customization and workflow enhancements providing support for external keyboards, mice and generic USB MIDI devices.

Infinite Sounds, Unlimited Inspiration

The MPC has a well-earned reputation for sounds that hit hard and sound great, right out of the box. The MPC X is no exception. Pre-installed with 10GB of world-class content, The Vault 2.0 features samples and kits from leading sound design companies including Capsun Audio, MVP Loops, TOOLROOM, CR2 Records, Loopmasters as well as our own meticulously crafted sounds.

MPC X Features

- Standalone MPC - no computer required - natively powered by MPC 2 Software
- 10.1-inch full-color multi-touch display
- Also acts as a control surface for MPC 2 Software, compatible with Mac & PC
- 16 Touch-capacitive Q-Links controls with OLED displays
- 66 buttons for direct, hardware access to all aspects of MPC 2 Software
- (4) selectable inputs: 2 XLR / ¼-inch combo jacks with switchable phantom power, (2) ¼-inch TRS jacks, (2) instrument level, ¼-inch jacks, turntable RCA input with ground peg

- (8) outputs: balanced ¼-inch jack
- Dual ¼-inch and ⅛-inch headphone outputs
- 2 full-size MIDI inputs, 4 full-size MIDI Outputs
- 8 configurable CV/Gate outputs enabling the analog control of modular gear, such as classic synths
- Includes 3 standalone synth engines from AIR Music Technology: Tubesynth, Bassline and Electric
- 16GB of on-board storage (over 10GB of premium sound content included from leading sound designers including CR2, TOOLROOM, Loopmasters, Capsun Pro Audio, and more)
- User-expandable 2.5-inch SATA drive connector (SSD or HDD)
- 2 USB-A 3.0 slots for thumb drives or MIDI controllers
- SD Card slot for loading samples and projects
- 28 effects from critically-acclaimed DSP gurus AIR Music Technology
- Ableton Live Integration - Complete command over Live's clip launching, mixer and instrument macro controls wirelessly via Wi-Fi

MPC Software

Introduction

Redefining the creative vista and driving MPC X and MPC Live in standalone and controller modes is Akai Professional's reimagined MPC 2 Software; a cutting-edge production suite combining 128-track sequencing capability, real-time time stretching, clip-launch functionality, advanced MIDI editing capability, VST compatibility in controller mode, operation as a standalone application on Mac & PC, advanced sampling & audio editing/recording functionality, seamless DAW integration, a redesigned GUI and much more. Whether you're seeking freedom from computer based music production, or searching for the perfect controller for DAW-centric creative exploration, MPC 2 Software grants the ultimate in adaptive creative versatility.

Clip Programs

Refine your flow and spark your creativity with Clip Programs in MPC 2 Software. Armed with an advanced real-time time-stretching/pitch shifting algorithm, and supporting Toggle/One Shot launch modes, loop-specific RGB pad color configurations, automatic BPM detection and automatic tempo lock, MPC 2 Software's clip launch functionality grants a truly inspirational production platform and an unleashed performance experience.

The Power of Audio Tracks

Capture, edit and mix up to 8 studio-grade resolution audio tracks in standalone mode, or expand your track limit to an immense 128 tracks in controller mode. Furnished with critical audio recording functionality - including multi-track capture, selectable monitoring options (Off, On & Auto), monitoring via effects, Punch In/Out Recording and Record Start options - MPC empowers producers, musicians and performers with core audio-capture and the convenience of full-featured standalone operation.

Audio Editing

Now in MPC, cutting-edge audio editing capability fuses with intuitive gesture-based touch control thanks to an all-new suite of audio editing essentials. Combining Pointer, Eraser, Audition, Marquee and Scissors tools, seamlessly edit audio with the rapid, tactile ease-of-use found on smartphones and tablets. Take total-command of your audio with MPC 2 Software's array of processing options - including Fade In, Fade Out, Reverse, Mute, Pitch Adjust and BPM Adjust - and perfectly tailor your audio to your most stringent needs.

Reimagined GUI

MPC 2 Software's redesigned GUI offers a vastly improved creative experience that enhances MPC's revered workflow. Combining a reimagined mixer layout outfitted with resizable faders, an adaptive channel strip, a dedicated audio track editing window, resizable waveform view and much more, MPC 2 Software presents the ultimate platform for unrestricted creative versatility alongside must-have tools that deliver unprecedented surgical control.

MPC 2 Software Features

Overview

- Music production suite featuring native operation on MPC X and MPC Live in standalone mode
- Compatible with Mac & PC - Works alone as your main DAW or seamlessly with your current DAW as a VST, AAX or AU plugin; available with MPC X, MPC Live, MPC Touch and MPC Studio Black

Create

- 128-track sequencing capability and up to eight pad banks
- 6 MPC Program Modes:
 - MPC Drum Program - MPC's powerful drum sampler
 - Clip Program - clip launch workflow built in to MPC, trigger loops
 - CV Program (MPC X Only) - drive your external analog gear
 - Keygroup program - MPC's instrument sampler
 - VST/AU plugin - control any VST or AU (Controller Mode Only)
 - MIDI Program - sequence your external MIDI gear
- Capture, edit and mix up to 8 audio tracks in standalone mode, expandable up to 128 tracks in controller mode
- Real-time time-stretching & pitch-shifting - warp clips, samples and audio regions
- Audio/MIDI Drag and Drop functionality for seamless integration with industry standard DAWs
- Powerful AIR Hybrid 3 virtual instrument built-in

Edit

- Comprehensive suite of audio editing tools - Pointer, Eraser, Audition, Marquee, Scissors, Fade In, Fade Out, Reverse, Mute, Pitch Adjust and BPM Adjust
- MPC's Industry-leading Sample Edit functionality - trim, chop and process your samples
- Support for AU/VST plugin instruments and effects - instant mapping and real-time adjustment of VST plugins in controller mode

Mix

- Global/Track automation - automate any effect, instrument or mixer parameter
- Reimagined mixer layout - resizable faders, an adaptive channel strip, a dedicated audio track editing window, resizable waveform view and more
- Advanced signal routing capability - submixes, FX returns, multi-output plugin support (up to 16 stereo outputs) and more

Perform

- New Clip Program mode powered by MPC's real-time warping algorithm
- Enhanced Q-Link functionality for precision control mapping of MPCs editable functions
- XYFX control adds effects, adjusts sound dynamics in real time
- Phrase Looper, enables connection of any instrument to create loops
- Selectable hardware outputs for seamless assimilation into multiple usage scenarios

Support

- Supports WAV, MP3, AIFF, REX and SND
- Supports samples and sequences from any MPC ever made
- Full 64-bit support in all versions; standalone, VST and AU

Expand

- MPC Expansion browser allows quick access to installed expansion packs
- Comes with 17GB+ of high-quality expansion content
- Contemporary drum kits covering genres including Trap, Future House, EDM, Techno and more
- "Essential Instruments" - A complete selection of built-in keygroup programs
- Compatible with the growing marketplace of Akai MPC expansions

- Supports user-generated expansion packs (using the MPC Expansion Builder)

MPC Software System Requirements

MAC: Dual-Core CPU, 2.5GHz or better and 4GB RAM (8GB Recommended)

WIN: Dual-Core CPU, 2.5GHz or better and 4GB RAM (8GB Recommended)

STORAGE: 2GB free space for MPC Software (Excluding content)

New in MPC Software 2.3

This major software and firmware update introduces a number of user requested features and functionality enhancements, notably the addition of three powerful, versatile, and expressive built-in synthesizers by AIR Music Technology (TubeSynth, Bassline and Electric) to the MPC standalone experience. This is a landmark feature addition which elevates the MPC from a sampler to a true musical powerhouse. Also, very significant is the addition of Autosampler and Arpeggiator. As a result, this update is highly recommended for all current MPC X, MPC Live and MPC Software 2 owners.

For full release notes click [here](#).

New in MPC Software 2.4

MPC 2.4 introduces a number of user-requested features and workflow enhancements, notably the addition of 28 must-have effects from critically-acclaimed DSP gurus AIR Music Technology and a much-requested side-chain compressor, the Mother Ducker.

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. With MPC 2.4, this legendary suite of 16 mix essentials has been included with MPC for immediate use with standalone or desktop MPC software; this core range of effects has also been expanded to include 12 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.

New in MPC Software 2.6

With 2.6, MPC provides a number of user-requested enhancements and workflow requirements - most notably functionality to input automation in both the Step Sequencer and Grid Editor, alongside Ableton Live Set Export facilities.

New in MPC 2.6

- Grid Automation - Users can now input, edit and view automation in Grid Edit and Audio Edit.
- Step Automation - Users can now input, edit and view automation in the Step Sequencer.
- Support for up to eight submixes in the mixer window.
- All-New TUI layouts for Akai Vintage effects.

Splice

Simplify your sample browsing and auditioning with on-board Splice integration in MPC X. Splice Studios fuels the creativity of producers around the world with millions of high-quality, royalty-free samples, sounds, presets and loops, covering nearly every musical style. With Splice natively embedded in MPC X, experience immediate wi-fi access to your own Splice library directly from the touch user interface.

To celebrate Splice integration in MPC X, Splice Sounds is offering all MPC X users a free 3-month subscription to Splice with access to millions of royalty-free samples, loops, and presets.

Feature Updates

- **NEW** | On-board Splice integration - immediate Wi-Fi access to your Splice library directly from the touch user interface
- **NEW** | Includes a FREE 3-month subscription to Splice with access to millions of royalty-free samples, loops, and presets.

What's New in MPC Software 2.7

MPC Live and MPC X now come pre-mapped to Ableton Live for an instant performance and production setup. Users have complete command over Live's clip launching, mixer and instrument macro controls wirelessly via Wi-Fi network Ableton Link or by ethernet connection using a USB to ethernet adapter. Ableton Live Control mode has been carefully designed to enable users to instantly switch between standalone operation and Live Control mode without ever stopping playback from either ecosystem.

With Ableton Live Control integration, Akai Professional's standalone MPC series bridges the two platforms seamlessly for expanded creative flexibility. Fusing MPC's production prowess, critically-acclaimed synth engines and a rapid, intuitive workflow with Ableton Live, any creative endeavor is literally a touch away.

Content Overview

Software Included with MPC X

As well as the included MPC 2 Software, the MPC X comes with the following plugin content:

AIR Instruments

HYBRID 3
LOOM
VACUUM PRO
VELVET
XPAND.2
MiniGrand DB33
theRiser
AIR FX Collection

SONIVOX Instruments

Big Bang Cinematic Session
Drums

AKAI PRO Instruments

The Bank
The 809
The Wub
The Noise

Total Install Space 25GB

Sample Content Included With MPC X

Full Content List Available for Download with MPC 2.0 Software

Expansions	Kit Programs	Samples	Instruments	Sequences	Patterns	Projects	GB Unzipped
THE VAULT 2.0	491	7790		312		13	5011
DEEP HOUSE	45	747		25			938
TECH HOUSE	45	700		25	100		580
TECHNO	47	1217		25			1008
DNB	41	641		24			799
EDM & FUTURE HOUSE	111	1637	71		271	9	3051
ESSENTIAL INSTRUMENTS 2.0		371	89				3700
MPC CLIP LAUNCH EXP	24	1855					2400
TOTALS	804	14958	160	411	371	22	17487

Full Content Preloaded Onto MPC X's SSD

Expansions	Kit Programs	Samples	Instruments	Sequences	Patterns	Projects	GB Unzipped
THE VAULT 2.0	491	7790		312		13	5011
ESSENTIAL INSTRUMENTS 2.0		371	89				3700
MPC CLIP LAUNCH EXP	24	1855					2400
TOTALS	515	8497	89	312		13	9180

Specifications are subject to change without notice

MPC X Technical Specifications

Pads	(16) velocity- and pressure-sensitive pads, RGB-backlit (8) banks accessible via Pad Bank buttons
Knobs	(16) 360-degree touch-sensitive Q-Link knobs for parameter adjustment (1) 360° encoder for display navigation and selection via push (7) 270° knobs for gain, mix & level adjustment
Buttons	(63) dedicated-function buttons
Display	10.1" / 257mm (diagonal) 8.5" x 5.5" / 216 x 139mm (width x height) Full-color LED-backlit display with touch interface
Max Recording Resolution	Standalone Mode 24-bit, 44.1kHz Controller Mode 24-bit, 96kHz.

CPU	Processor: 1.8GHz quad-core ARM. Cortex. A17 processor RAM: 2GB Storage: 16GB (user storage, 10GB pre-installed content), 4GB (MPC operating system)
Connections	(2) XLR+¼" (6.35mm) TRS inputs (Input 1/2) (2) ¼" (6.35mm) TRS inputs (Input 3/4: 1 stereo pair) (2) ¼" (6.35mm) TS instrument inputs (Inst 1/2) (2) RCA inputs (Input 3/4: 1 stereo pair, phono- or line-level) (2) ¼" (6.35mm) TS footswitch inputs (FS 1/2) (2) 5-pin MIDI inputs (8) ¼" (6.35mm) TRS outputs (Main L/R, Outputs 3/4-7/8: 4 stereo pairs) (4) 5-pin MIDI outputs (8) ⅛" (3.5mm) CV/Gate outputs (1) ¼" (6.35mm) stereo headphone output (1) ⅛" (3.5mm) stereo headphone output (2) USB Type-A ports (1) USB Type-B port (1) SD card slot (1) Power adapter input
Bluetooth Specification	Bluetooth 4.0
Power	via power adapter (19V, 3.42A, center-positive, included)
Dimensions (width x depth x height)	19.9" x 16.7" x 3.4" / 50.5 x 42.4 x 8.7cm (display flat) 19.9" x 15.3" x 8.4" / 50.5 x 38.8 x 21.4cm (display upright)
Weight	12.57 lbs 5.66kg