

AKAI  
PROFESSIONAL

# MPCX

Product Overview, Technical Specifications & FAQs





## PRODUCT OVERVIEW

### 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 Centre empowers users with an unrivalled 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 2.0 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 centrepiece 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 CENTREPIECE

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 & 1/8-inch headphone outputs and pristine high-resolution capture ensures rapid assimilation into your setup and an unprecedented production experience.

### RADIANT HIGH-DEFINITION DISPLAY

Centre-stage on the MPC X is a high-definition, full colour 10.1-inch fully articulating multi-touch display, conveniently outfitted with 8 lockable positions. Immersive 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 2.0 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" 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 synthesisers 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 customisation 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 10 gigs 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 HIGHLIGHTS

- Standalone MPC – no computer required – natively powered by MPC 2.0 Software
- 10.1" full-color multi-touch display
- Also acts as a control surface for MPC 2.0 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 2.0 Software
- 4 selectable inputs: 2 XLR / 1/4" combo jacks with switchable phantom power, 2 1/4" TRS jacks, 2 instrument level, 1/4" jacks, turntable RCA input with ground peg
- 8 outputs: balanced 1/4" jack
- Dual 1/4" and 1/8" headphone outputs
- 2 full-size MIDI inputs, 4 full-size MIDI Outputs
- 8 configurable CV/Gate outputs enabling the analogue control of modular gear, such as classic synths
- 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" 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



# MPC SOFTWARE

## 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 2.0 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 2.0 Software grants the ultimate in adaptive creative versatility.

### CLIP PROGRAMS

Refine your flow and spark your creativity with Clip Programs in MPC 2.0 Software. Armed with an advanced real-time time-stretching / pitch shifting algorithm, and supporting Toggle/One Shot launch modes, loop-specific RGB pad colour configurations, automatic BPM detection and automatic tempo lock, MPC 2.0 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.



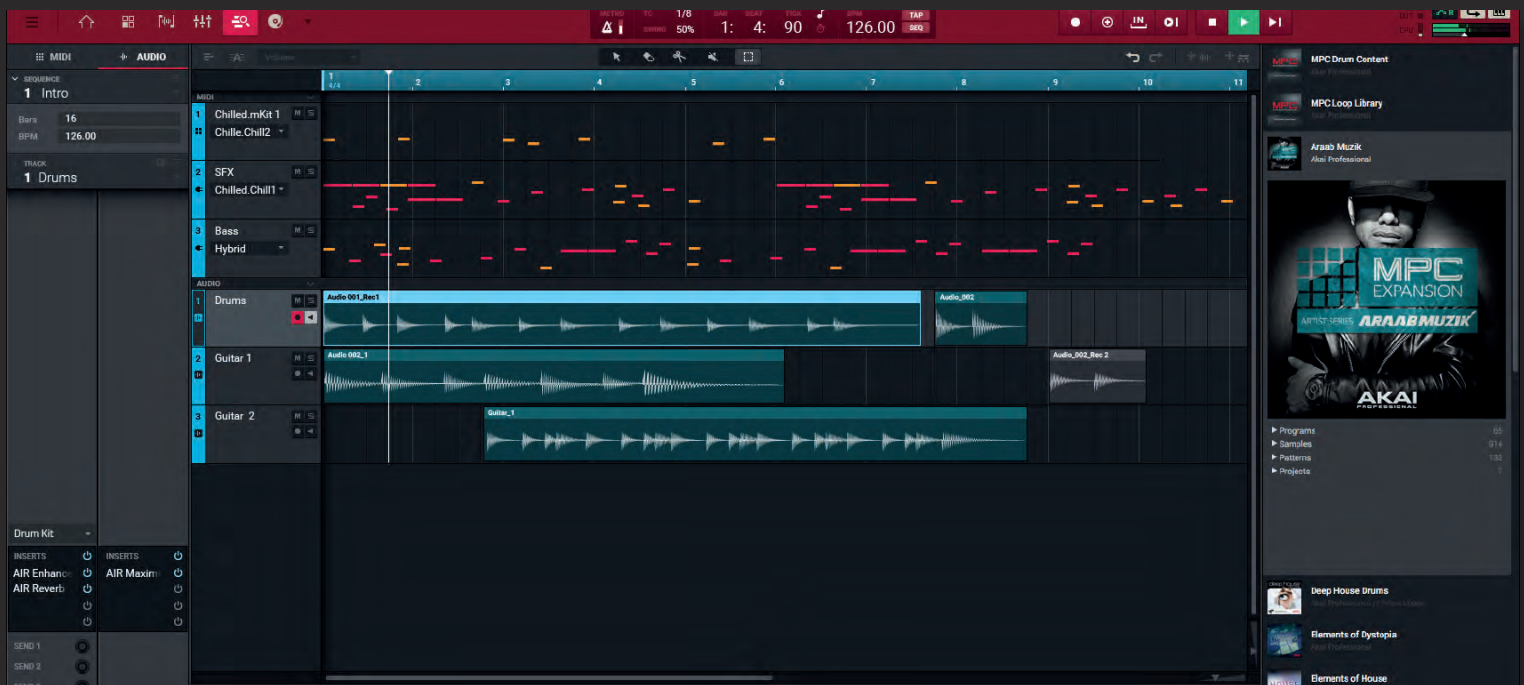
# MPC SOFTWARE

## 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 2.0 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 2.0 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 2.0 Software presents the ultimate platform for unrestricted creative versatility alongside must-have tools that deliver unprecedented surgical control.



# MPC SOFTWARE

## MPC 2.0 SOFTWARE HIGHLIGHTS

### 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

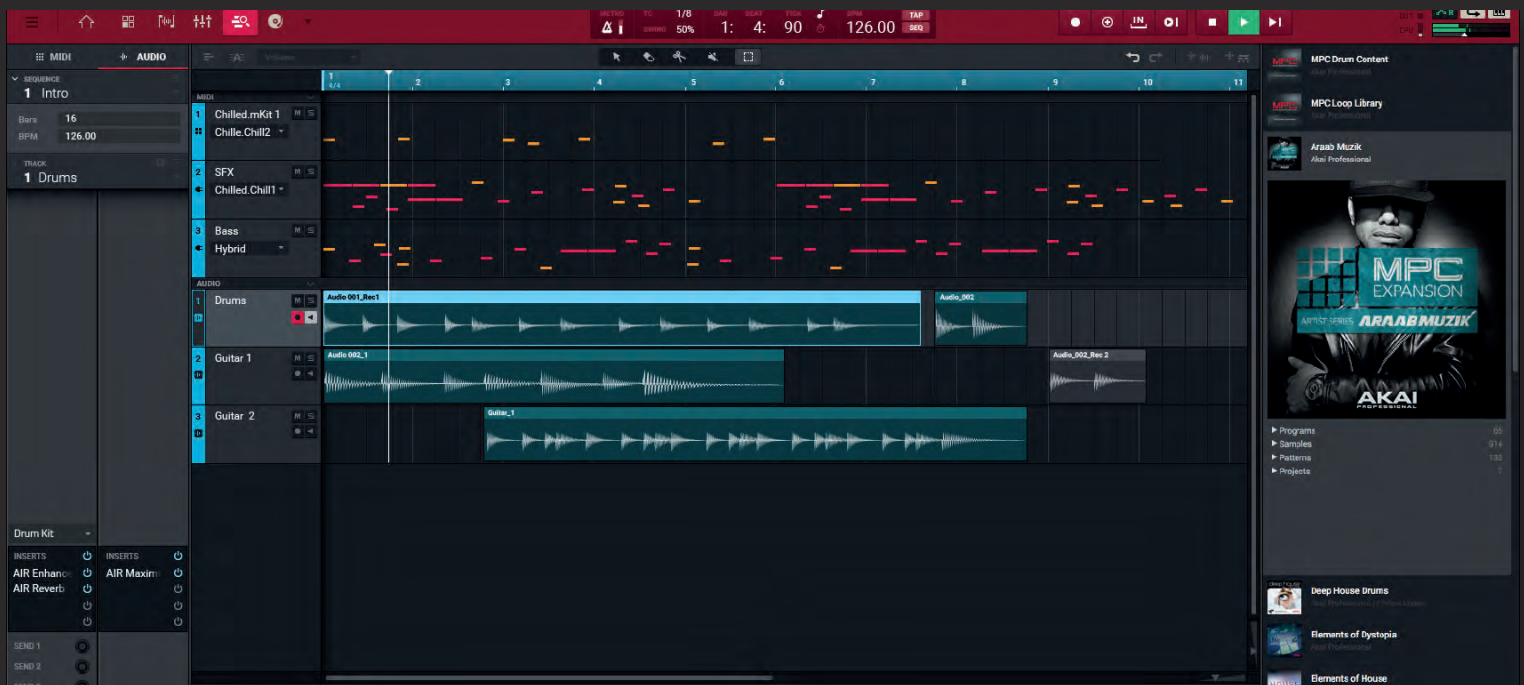
### CREATE

- 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 analogue 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





# MPC SOFTWARE

## 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

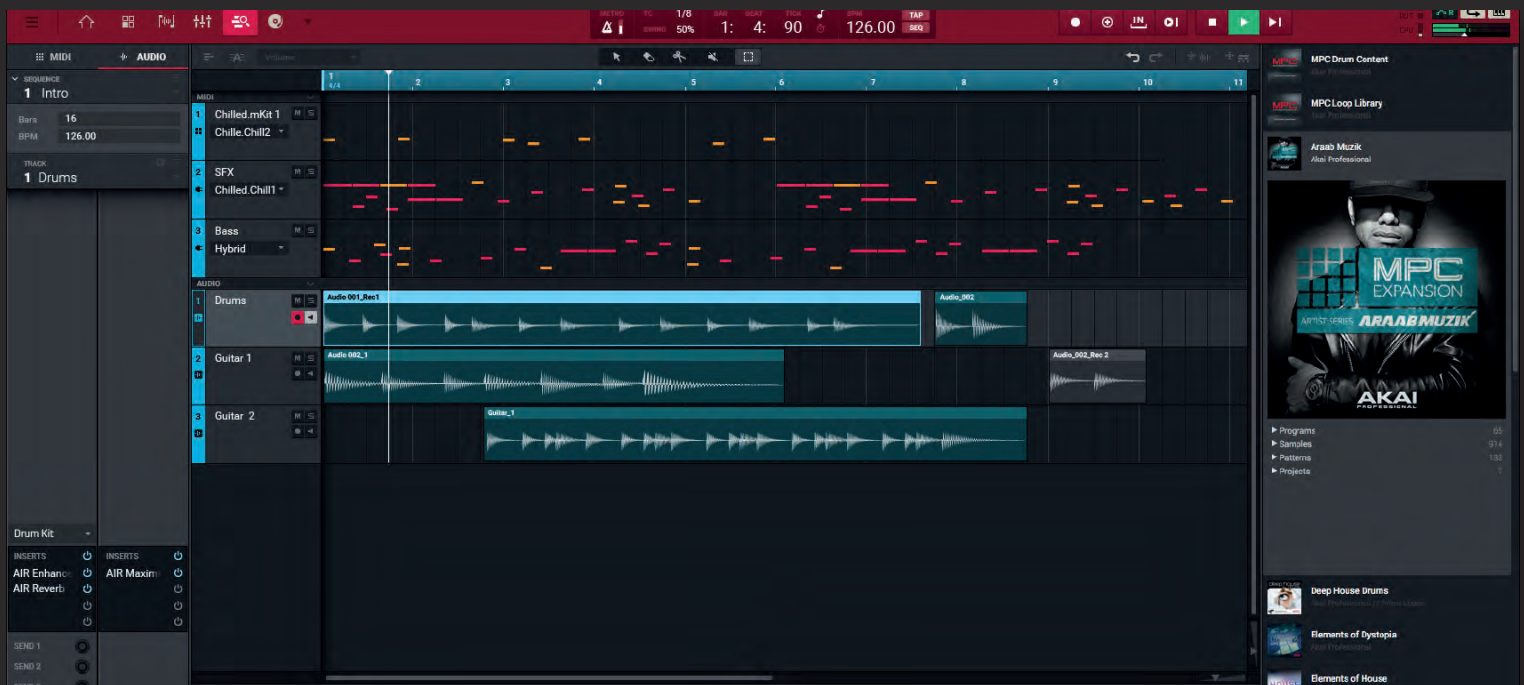
- New Clip Program mode powered by MPC's real-time warping algorithm
- Enhanced Q-Link functionality for precision control mapping of MPCs editable functions
- XYFX control adds effects, adjusts sound dynamics in real time
- Phrase Looper, enables connection of any instrument to create loops
- Selectable 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 17+GB 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

## 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)

## USER SUMMARY & TARGET DEMOGRAPHICS

The primary target market for Akai Professional's MPC X consists of music producers and studio professionals seeking a full-featured standalone production suite to achieve professional productions without compromising modern DAW-centric features and functionality. With the MPC X, the much-revered MPC workflow combines with onboard multicore processing power, providing this target market with a comprehensive means to compose, produce and mix their compositions in a fully-standalone environment. Combining revamped MPC Software offering clip launching technology & an expanded program consort, on-board CV outputs, an arsenal of MPC mainstays, an on-board expandable solid state hard drive and full functionality for the capture and editing of audio, MPC X provides music producers with a solution for full-featured production capability, suitable for all-genres.



## FREQUENTLY ASKED QUESTIONS

### HARDWARE - WHAT CONNECTORS DOES THE MPC X INCLUDE?

The MPC X includes a 4-in/8-out audio interface plus a MIDI interface with the following connectors:

- (2) XLR+1/4" (6.35 mm) TRS inputs (Input 1/2)
- (2) 1/4" (6.35 mm) TRS inputs (Input 3/4: 1 stereo pair)
- (2) 1/4" (6.35 mm) TS instrument inputs (Inst 1/2)
- (2) RCA inputs (Input 3/4: 1 stereo pair, phono- or line-level)
- (2) 1/4" (6.35 mm) TS footswitch inputs (FS 1/2)
- (2) 5-pin MIDI inputs
- (8) 1/4" (6.35 mm) TRS outputs (Main L/R, Outputs 3/4–7/8: 4 stereo pairs)
- (4) 5-pin MIDI outputs
- (8) 1/8" (3.5 mm) CV/Gate outputs
- 1/4" (6.35 mm) stereo headphone output
- 1/8" (3.5 mm) stereo headphone output
- USB Type-A ports
- USB Type-B port
- SD card slot
- power adapter input

### CAN I RECORD AUDIO DIRECTLY INTO THE MPC X?

Yes, the MPC X features multiple studio-grade inputs which can be used to record audio signals directly to the internal storage in standalone mode or into MPC software in controller mode.

### CAN THE MPC X BE USED TO TRANSMIT MIDI?

Yes, the MPC X can send and receive MIDI signals using the MIDI In and Outs situated on the rear of the unit; these can be used to trigger external synths, sound modules, sequencers and more.



### WHAT GESTURES CAN BE USED TO CONTROL THE 10.1" COLOUR SCREEN ON THE MPC X?

The following gestures should be used

- Tap – to select a field
- Double-Tap – to edit in detail.
- Drag – to adjust and scroll
- Pinch – to zoom

### DOES THE MPC X REQUIRE A POWER SUPPLY?

Yes, the MPC X requires use of the included power supply.

### WHAT MODES CAN BE ACCESSED FROM THE 10.1" COLOUR SCREEN ON THE MPC X?

The following modes can be accessed and edited directly from the MPC X's 10.1" colour screen:

- Main – This is the central hub of the MPC allowing users to configure the tracks and programs in a current sequence; additional functionality includes show/hide options for the channel strip on the touchscreen for ultra-fast mixing.
- Audio Tracks – functionality to record and edit up to 8 tracks of real-time stereo audio in standalone mode, and 128 tracks in controller mode
- Step Sequencer – controls and functionality for programming traditional step-sequenced events, all via MPC X's touch-interface
- Grid View – This mode allows users to edit MIDI performances by inserting, erasing and tweaking notes within a track
- Program Edit – This mode allows users to edit program parameters
- Track Mute – A mode that allows users to easily mute tracks within a sequence or set Track Mute Groups enacted via the MPC X's pads
- Track View – Provides a comprehensive overview of all the tracks in a current sequence
- Channel Mixer – A dedicated, full-featured mixing environment allowing users to set levels, pan, route and add effects to all the elements within a song



- XYFX – An XY grid interface that allows users to add effects to sounds quickly and dynamically in real-time
- Next Sequence – A mode that lets users trigger different sequences simply by playing the pads – perfect for live performances
- Sampler – Functionality to record audio samples with mixer integration so users can record via multiple dedicated input effect plugins
- Browser – A comprehensive file navigation system for browsing samples, sequences and songs stored on internal and external hard disks in standalone and controller modes
- Looper – A full-featured phrase looper
- Pad Perform – Lets users assign musical scales, chord or progressions to the pads
- Pad Mute – A mode that lets users easily mute pads within a program, or set Mute Groups for each pad
- Q-Link Edit – An environment that lets users configure the functionality of the Q-Link knobs to control program or FX parameters
- Pad Mixer - A dedicated mixer for the MPC X's pads allowing users to set levels, pan, signal route and add VST effect plugins
- Sample Edit – Trim, crop and process samples directly from the MPC X's touchscreen
- Pad Colour – Functionality to configure and customise the RGB pad's colour layout
- Song – A comprehensive compositional tool allowing users to arrange sequences, craft playlists of tracks and mix down songs.
- CV Programs – Functionality to configure the CV output located on the rear panel of the MPC X to control peripheral compatible equipment

### WHAT ARE Q-LINK CONTROLS AND HOW MANY DOES THE MPC X HAVE?

The MPC X features 4 banks of Q-links, each containing 16 dedicated touch-sensitive Q-link controls with OLED displays. Q-Link controls can be used to control virtually any parameter including effects, mixer settings and synthesisers.



### **CAN THE DISPLAY BRIGHTNESS BE ADJUSTED ON THE MPC X?**

Yes, using the MPC's settings menu, the display brightness can be adjusted.

### **DOES THE MPC X INCLUDE TRANSPORT CONTROLS?**

Yes, the MPC X features dedicated transport controls for Record, Overdub, Stop, Play and Play/Start.

### **WHAT DOES THE DATA DIAL DO?**

The Data Dial can be used to scroll through the available menu options or adjust the parameter values of the selected field on the display.

### **HOW DO YOU CONTROL THE MASTER VOLUME OF THE MPC X?**

On the front panel of the MPC X unit there is a dedicated master volume dial which adjusts the overall level sent to the headphones and main outputs.

### **HOW CAN THE RECORD INPUT VOLUME BE ADJUSTED?**

The front panel of the MPC X includes two gain knobs, phantom power and input selection switches that can be used to adjust the level of gain applied to the inputs.

### **WHAT DOES THE NOTE REPEAT FUNCTION DO?**

When holding the Note Repeat button on the MPC X any pad that is held will trigger the loaded sample repeatedly in accordance with the current project tempo and Time Correct settings.

### **WHAT DOES THE FULL LEVEL/HALF LEVEL BUTTON DO?**

When Full Level is activated the pads will always trigger their corresponding samples at maximum velocity regardless of the force that is used. When shift is held along with the Full Level button Half Level is activated – when engaged the pads will always trigger the samples at half-velocity.





you can record different instruments on each Track. Note that your performances via Drum, Keygroup, MIDI and Plugin Programs are recorded as MIDI events and the actual digital audio is not recorded onto a Track. That way, you can edit your performance in many different ways once the performance has been captured. Audio Tracks are captured as digital audio and can be edited using MPC 2.0 Software's suite of audio editing tools and processors.

### **WHAT IS A PROGRAM?**

A program is a group of samples assigned to the pads. There are multiple Programs available in MPC X including Clip, Drum, Keygroup, CV, MIDI and Plugin (MPC 2.0 Software). You can create up to eight banks of pad samples per program in the MPC software and instantly switch between banks using the dedicated buttons on the MPC X hardware.

### **WHAT IS AN MPC CLIP PROGRAM?**

An MPC Clip Program is a group of loops designed to be triggered sequentially in any live or studio environment. MPC X's pads will indicate RGB colour groups for each style of clip (Red Drums / Green Bass / Purple Melodic / Blue Vocals). When 4 clips are launched together horizontally, MPC produces a full music track allowing "live remix manipulation". Each clip can be launched to its own unique quantize, fully customizable from 8 Bars – 1/64<sup>th</sup> Bars, along with Pitch, Reversed, Toggled or One-Shot modes.

### **HOW CAN I LOAD A CLIP PROGRAM?**

Simply select the content browser within MPC X selecting the Clip Icon. This then allows you to browse all clip programs available. Double click the screen and your chosen Clip Program will instantly load. Now select Clip Mode from the main UI Home screen and select the loaded Clip Program. The MPC pads will instantly change to a Clip Launch colour layout in the following arrangement - Red-Drums, Green-Bass, Purple-Melodic, Blue-Vocals.

### **CAN I USE CLIP PROGRAMS AND DRUM PROGRAMS TOGETHER IN A SONG ARRANGEMENT?**

Yes you can. MPC X allows each track to have its own independent program type. Any of these program types can then be sequenced to its own independent track.





### **CAN PAD COLOURS BE CHANGED?**

Yes, The software's pad settings menu allows you to select "Full RGB" or "Classic Renaissance/Studio/Element" pad RGB light styles.

### **CAN I USE MY AKAI ADVANCE KEYBOARD AND VIP SOFTWARE WITH THE MPC X?**

Yes, The MPC software fully supports Advance Keyboard and VIP software integration, facilitating a total-control solution for user's VSTi collection

### **HOW CAN I IMPORT ABLETON CLIPS INTO MPC CLIPS?**

First MPC must be instantiated as a plugin within Ableton Live. Simply drag an Ableton Clip from the Clip Arrangement Window onto an MPC Clip program choosing your desired Pad(s). Each Ableton Clip must have the correct tempo entered into MPC Warp. Simply enter the clip's tempo within Sample Edit and activate Warp in the Main MPC UI Home Page.

### **CAN I SYNC AUDIO TRACK(S) TO MY MPC MIDI SEQUENCE?**

Yes you can. Once an Audio Track is imported, the original audio tempo must be entered from Sample-Edit. Once completed, select Warp in the main home page located under the Audio option. Now enable Warp. Your audio track will now be synced to the master tempo.

### **IS THERE ACCESS TO ADDITIONAL CONTENT?**

Yes, a raft of MPC Expansion content is available for purchase through the MPC Expansion Store:

<http://www.akaipro.com/microsites/mpcsoftware>

### **IS THE MPC SOFTWARE A STANDALONE DAW?**

The dedicated MPC Software can be used standalone as a DAW or can be used as a plug in within a host DAW. MPC Software is compatible as a VST, AU or AAX plug-in.



### **IS THE MPC X AND SOFTWARE COMPATIBLE WITH MY EXISTING MPC PROJECTS?**

MPC Software supports WAV, MP3, AIFF, REX, and SND, as well as samples and sequences from any MPC ever made, and it's compatible with both Mac and PC.

### **BOUNCING 3<sup>RD</sup> PARTY INSTRUMENTS TO USE IN STANDALONE MODE.**

MPC X in standalone mode does not support 3rd party Virtual Instruments or FX. This is only available when MPC 2.0 Controller Mode is activated. All 3rd party tracks can be rendered inside 2.0 using Drag & Drop, creating an Audio Stem of the 3rd party instrument. This file can then be converted into an "Audio Track" inside MPC 2.0 Software and saved within an XPJ project. Load the saved project inside MPC X's Standalone Mode to hear 3rd party instruments playing back as MPC audio tracks. MPC X's Standalone mode currently supports 8 stereo audio tracks.

### **CAN I ADD MY OWN CHORD PROGRESSIONS IN PAD PERFORMANCE MODE?**

MPC 2.0 Software allows you to create your own chord progressions, which can then be saved and added to your progressions menu within Pad Performance Mode. All progressions created can be added to your MPC X for use in standalone mode.

### **CAN I TRANSFER MPC EXPANSIONS TO USE IN STANDALONE MODE?**

Yes you can. Simply load the desired program(s) from the MPC Expansion inside MPC 2.0 software, saving the program(s) in the "XPJ Project File" format to either your desktop or an external SD/USB device. Activate MPC X in standalone mode then select Browser from the main menu. Insert the media storage device containing the XPJ Project File then select your Expansion Program.

### **CAN I TRANSFER MPC PROJECTS DIRECTLY INTO LOGIC PRO X?**

MPC will integrate seamlessly with all popular DAWs in Plugin Mode. Within MPC 2.0, all Audio and MIDI information can be transferred into your DAW arrangement by using the Drag and Drop (Audio/MIDI) feature. Alternatively, you can use the MPC Export Audio or MIDI options within the File-Audio Mixdown / File-Export MIDI Track export options.

# CONTENT OVERVIEW

## SOFTWARE INCLUDED WITH MPC X

As well as the included MPC 2.0 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 Plus

### Sonivox Instruments

- Big Bang Cinematic
- Big Bang Universal
- Session Drums
- Silk Road
- ATSIA Percussion
- Orchestral Companion Strings

### Akai Professional Instruments

- The Bank
- The 809
- The Wub
- The Noise

**TOTAL INSTALL SPACE 50GB**

## 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
<b>TOTALS</b>	<b>804</b>	<b>14958</b>	<b>160</b>	<b>411</b>	<b>371</b>	<b>22</b>	<b>17487</b>

## 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
<b>TOTALS</b>	<b>515</b>	<b>8497</b>	<b>89</b>	<b>312</b>		<b>13</b>	<b>9180</b>

# 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" / 257 mm (diagonal) 8.5" x 5.5" / 216 x 139 mm (width x height) Full-color LED-backlit display with touch interface
Max Recording Resolution	Standalone Mode   24 bit, 44.1kHz Controller Mode   24 bit, 96 kHz.
CPU	Processor: 1.8 GHz quad-core ARM. Cortex. A17 processor RAM: 2 GB Storage: 16 GB (user storage, 10 GB pre-installed content), 4 GB(MPC operating system)
Connections	(2) XLR+1/4" (6.35 mm) TRS inputs (Input 1/2) (2) 1/4" (6.35 mm) TRS inputs (Input 3/4: 1 stereo pair) (2) 1/4" (6.35 mm) TS instrument inputs (Inst 1/2) (2) RCA inputs (Input 3/4: 1 stereo pair, phono- or line-level) (2) 1/4" (6.35 mm) TS footswitch inputs (FS 1/2) (2) 5-pin MIDI inputs (8) 1/4" (6.35 mm) TRS outputs (Main L/R, Outputs 3/4–7/8: 4 stereo pairs) (4) 5-pin MIDI outputs (8) 1/8" (3.5 mm) CV/Gate outputs (1) 1/4" (6.35 mm) stereo headphone output (1) 1/8" (3.5 mm) 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 (19 V, 3.42 A, center-positive, included)
Dimensions (width x depth x height)	19.9" x 16.7" x 3.4" / 50.5 x 42.4 x 8.7 cm (display flat) 19.9" x 15.3" x 8.4" / 50.5 x 38.8 x 21.4 cm (display upright)
Weight	12.57 lbs   5.66 kg