

MPC 2.7 Desktop Software and Firmware Update

Compatibility

MPC 2.7 Desktop Software, MPC X and MPC Live are now supported on macOS Catalina.

Desktop Software

The MPC 2.7 desktop software includes MIDI maps for popular Ableton, Arturia, Korg, M-Audio and Native Instruments controllers.

Downloading the Update

To download the MPC 2.7 Desktop Software Update, log into your Akai Pro user account or through MPC 2.6 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 2.7 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

Live Control seamless integration

You can now control Ableton Live using your MPC X or Live. Your MPC X / Live comes pre-mapped to **Ableton Live 10.1.2 or later** for an instant performance and production setup. For cable-less operation your MPC can control Ableton over a Wi-Fi network. For a more tightly controlled setup connect a USB to ethernet adaptor and ethernet cable between your MPC and computer. MPC provides an unparalleled level of Ableton integration within a standalone device. The MPC's Live Control mode has been carefully designed to allow you to instantly switch between standalone operation and Live Control mode without ever stopping playback.

Live Control getting started

To enter Live Control mode press MENU and choose LIVE CONTROL, or hold MENU and press Pad 4.

- The touch user interface (TUI) is divided into three tabs of operation :
 - Matrix - Touch the Matrix icon or press the MATRIX Button to enter the Matrix tab
 - Mixer - Touch the Mixer icon or press the MIXER Button to enter the Mixer tab
 - Device - Touch the Device icon or press the CLIP Button to enter the Device tab
- To exit Live Control mode press Main, press MENU

and choose an MPC mode, or hold MENU and press any pad to navigate to another mode directly.

TUI Matrix tab

The Matrix tab displays an 8x8 section of Live's Session View marked in the Live GUI by the colored session ring. Within this layout on MPC, a 4x4 white focus rectangle surrounds the clips mirrored on the MPC pads.

- On MPC X use the direction arrow buttons to move the white focus rectangle one step at a time. When it reaches the edge of the screen, the whole 8x8 session ring will move one step. Use SHIFT and the direction arrows to move the session ring by eight. On the Matrix TUI touch a clip or a scene to launch it.
- On MPC Live use Pad Bank buttons to move the focus rectangle one step at a time or use SHIFT and those buttons to move by the session ring by eight.
- The Matrix tab provides a comprehensive amount of visual feedback of the current Live Session :
 - Clips and scenes display the colour and name assigned in the Live GUI
 - When a clip is playing it is colored white and the playback phase is drawn with a white progress bar.
 - When a clip is in its prepare to play phase it will flash white until it reaches the launch quantization boundary.
 - When a clip is preparing to record or preparing to exit recording it will flash red until it reaches the launch quantization boundary.
 - When a clip is recording it is colored red.

- Use the QUANTIZE f-key to quantize the currently selected clip. To set the grid value for the quantization engine, tap the Settings icon in the top right of the TUI, then from the Settings popup set the Quantize To field to the desired value.
- Delete the currently selected clip by pressing the DELETE f-key.
- Insert a new scene after the currently selected clip by pushing the INSERT SCENE f-key.
- The REC f-key controls Live's Arrangement Record Button. Press the REC f-key On to capture your Session performance into the Arrangement view.

TUI Mixer tab

The Mixer tab provides easy access to Live's key mixing functions.

- The Mixer is divided into three different views which can be accessed using the LEVELS, MAIN and SENDS f-keys.
- Double tap any Slider or Knob in the mixer to bring up a full screen editor for more precise adjustment.

MPC Pads

The 16 MPC pads can display either the 16 Live clips within the white display ring, or 16 available Live scenes including the 8 scenes displayed on the touchscreen.

- On MPC X, press the XYFX button to change the pad mode from Clip to Scene and back.
- On MPC Live, press the 16 LEVEL button to change the pad mode from Clip to Scene and back.

When in Scene Launch mode, the pads can be pressed to

launch a scene with the current Launch Quantize setting.

MPC Q-Links

The MPC's Q-Links give you hands on control of Ableton Live's key parameters, on the MPC X the OLED screens above each Q-Link provide clear visual feedback of the parameter name and value that's being controlled. Q-Link 1-8 are for controlling track volume, whereas Q-Link 9-16 control the device on the current track at the blue hand position. The blue hand can be found in Ableton Live's Detail View and can be controlled from MPC in the Device Control tab. On the MPC Live Q-Link banks 1 and 2 control track volume and banks 3 and 4 control the device on the current track at the blue hand position. Pushing and holding the MPC Live Q-Link button brings up the Q-Link overview on the TUI.

TUI Device Control tab

The Device tab controls the device on the current track at the blue hand position (the blue hand can be found in Live's Detail View).

- The Device Information Bar gives you clear visual feedback about the device you are controlling :
 - For internal Ableton Instruments you see the name of the current device and bank name.
 - For third party plugins you will see the name of the current device and the number of the current bank.
- Use the Device -/+ and Bank -/+ f-keys to change the position of the blue hand.
- Turn a device on or off using the DEVICE ON F-Key.

- Use the Device Lock icon in the Device title bar to lock a device so that your assignment will persist when changing tracks.

Control Bar

At the top of the TUI is the Control Bar. You can customise what is displayed in this area by going to the top right of the TUI and tapping the Settings icon to bring up the Settings popup. From the Settings popup go to the Control Bar field and choose from three preset configurations Session, Arrangement or Performance.

- The Session preset contains controls for BPM, Phase Nudge Down, Phase Nudge Up, Metronome, Follow, Arrangement Position, MIDI Arrangement Overdub, and Automation Arm.
- The Arrangement preset contains controls for BPM, Arrangement Position, Loop Start, Loop On/Off, and Loop End.
- The Performance preset contains control for BPM, Phase Nudge Down, and Phase Nudge Up.

The MPC X hardware control surface comes pre-mapped to Ableton Live

Transport Area

MPC X button	Function
Record	Arrangement Record button

Overdub	Session Record button
Stop	Stop
Play	Transport continue Playback from Stop position
Play Start	Transport Play
<	Move Playhead Back by Bar
>	Move Playhead Forward by Bar
<<	Phase Nudge Down
>>	Phase Nudge Up

Left hand side button functions

MPC X button	Function
Next Seq	Change the TUI page to Ableton Clip Matrix
Channel Mixer	Change the TUI page to the Ableton Channel Mixer
Q-Link Project	Device Left
Q-Link Program	Device Right
Q-Link Pad Scene	Bank Left
Q-Link Pad Param	Bank Right
Q-Link Screen Control	Change the TUI page to the Ableton Device Mode

XYFX	Toggles the MPC pads between launching clip clips (XYFX=off) and launching scenes (XYFX=on).
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Right hand side button functions

MPC X button	Function
Rec Arm	Rec Arm the current track.
Read / Write	Global Automation Arm
Mute	Mute (Track Activator) the current track (button should illuminate to show state as per Ableton UI)
Solo	Solo the current track
Erase	Pushing Erase deletes the current selected clip.
Undo	Undo
Copy	Duplicates the selected clip to the next available slot
Tap	Tap Tempo
Shift	Selects a clip without launching it. Hold Select and tap a pad, the currently selected Clip will be illuminated white. (Note : Clip selection follows the Select On Launch preference set in the Ableton Live software.)
Arrow Cursor Left, Right, Up, Down	Moves the 4x4 focus rectangle on the TUI by one step.

Shift button functions

MPC X Button	Function
Shift + Arrow Cursor Up	Move the 4x4 focus rectangle up by eights rows
Shift + Arrow Cursor Down	Move the 4x4 focus rectangle down by eights rows
Shift + Arrow Cursor Left	Move the 4x4 focus rectangle left by eights rows
Shift + Arrow Cursor Right	Move the 4x4 focus rectangle right by eights rows
Shift + Undo	Redo
Shift + Tap Tempo	Toggles Metronome ON / OFF
Shift + Stop	Stop and Return Song position to 1:1:1. Equivalent of double clicking Stop button in Ableton

The MPC Live hardware control surface comes pre-mapped to Ableton Live

Control Surface button functions

MPC Live Button	Function
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Bank A	Move the 4x4 focus rectangle up a row
Bank B	Move the 4x4 focus rectangle down a row
Bank C	Move the 4x4 focus rectangle left a row
Bank D	Move the 4x4 focus rectangle a row.
16 Level	Toggles the MPC pads between launching clip clips (16 Levels=off) and launching scenes (16 Levels=on).
Erase	Pushing Erase deletes the current selected clip.
Shift	Selects a clip without launching it. Hold Select and tap a pad, the currently selected Clip will be illuminated white. (Note : Clip selection follows the Select On Launch preference set in the Ableton Live software.)
Undo	Undo
Copy	Duplicates the selected clip to the next available slot
Tap	Tap Tempo
Record	Arrangement Record button
Overdub	Session Record button
Stop	Transport Stop
Play	Transport continue Playback from

	Stop position
Play Start	Transport Play
Q-Link	Increments the current Q-Link bank. Push hold on Q-Link brings up the Q-Link overview.

Shift and Control Surface buttons

MPC Live Button	Function
Shift + Bank A	Move the 4x4 focus rectangle up by eights rows
Shift + Bank B	Move the 4x4 focus rectangle down by eights rows
Shift + Bank C	Move the 4x4 focus rectangle left by eights rows
Shift + Bank D	Move the 4x4 focus rectangle right by eights rows
Shift + Undo	Redo
Shift + Tap Tempo	Toggles Metronome ON / OFF
Shift + Stop	Stop and Return Song position to 1:1:0. Equivalent of double clicking Stop button in Ableton
Shift + Q-Link	Q-Link increments the Q-Link Bank down a bank. When the Q-Link bank button is on bank 1 pressing the Q-Link bank button again takes it to bank 4.

Other New Features

Your MPC X and MPC Live now support USB to Ethernet adaptors. Go to Preferences and then the Ethernet tab to configure your Ethernet connection.

Preferences have improved organisation. WI-FI, Ethernet, Bluetooth tabs are grouped and are now beneath the Info tab.

Stability and reliability

Audio Tracks

- When Ableton Link is enabled, the first loop of recorded audio now plays back correctly

Audio Edit

- Name text is no longer cut off when loading a sample to the grid

Automation

- Changing tracks and adding a new program no longer disables automation recording
- Keygroup automation is now displayed with the correct prefix in the Step Sequencer, Grid Editor and Erase dialog
- Automation Parameter field on the TUI Grid View now correctly displays current parameter

Browser

- Using Load All on a folder no longer prints the wrong button label

Grid View

- Generate Random Events no longer ignores Bars setting

List Editor

- Inserting an event when there are no programs available no longer causes a crash

MIDI Sync

- Fast tempo changes are now registered correctly by the warp algorithm when receiving MIDI Clock

Playback

- If loop is disabled during playback, audio regions will now play to the correct length

Plugin Hosting - Effects

- Default patch now loads correctly for AIR Compressor
- Presets for Akai PEQ 2-Band 2-Shelf are available once again

Preferences

- Turning Wi-Fi off during connection no longer causes issues when trying to reconnect

Programs - Keygroup

- Copying MIDI events for Keygroup programs now

pastes to the selected note

Programs - MIDI

- Using Track Transpose no longer causes MIDI dropouts

Q-Links

- Q-Link Setup now uses a popup rather than an unsorted list of parameters on the GUI
- OLEDs now update correctly for CV programs

Sample Edit

- Changing current Slice very quickly via a Q-Link no longer jams the value
- Process list is no longer empty when an invalid process is selected in the Trim and Chop pages

Sample Record

- When Input is set to Resample L+R, recording stereo audio will no longer incorrectly render a mono output file
- When exporting, the Program field no longer becomes empty after scrolling to the end of available list
- On MPC Renaissance and MPC Studio, level meters now update correctly when Input is set to Resample

Saving and Loading

- User templates now load correctly

Sequence Edit

- When audio tracks in a sequence contain automation data, performing Sequence Edit functions will no longer cause a crash

Song

- Convert to Sequence now renders events to the first unused sequence

Step Sequencer

- Pad Select in Step Sequencer now works for key-group programs
- Notes now update correctly when changing a track's program from Drum

Warping

- Fast tempo changes are now registered correctly by the warp algorithm when receiving MIDI Clock