

PSMP5

MPCDX7

MPC DIGITAL SYNTH EXPANSION

VOLUME



MAX

MIN

DATA ENTRY



NO

YES

OFF

ON

STORE

W

MEMORY PROTECT

INTERNAL

CARTRIDGE

X

Y

OPERATOR
SELECT

Z

EDIT/
COMPARE

MEMORY SELECT

INTERNAL

CARTRIDGE

FUNCTION

CHARACTER

PLAY

SPACE

PITCH

MODULATION

UP

FREE EDITION

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MPC DX7 (Free Edition): Introduction

- **MPC DX7** contains a diverse collection of MPC instruments recorded from the ground breaking digital FM synth, the **Yamaha DX7**.
- This free edition contains 12 instruments from the full expansion.
- Each instrument features pre-mapped MPC Q-LINK controls that easily let you dynamically adjust and shape the sound, with separate controllable sub, noise and harmonic layers and adjustable lofi, modulation and ambience controls.
- This expansion is compatible with all **modern standalone MPCs** running **MPC 2.11+**, the **Akai Force (3.2+)**, the **MPC Software (2.11+)** and the **MPC Beats app (2.11+)**.

Buy the full version here:

<https://www.mpc-samples.com/product.php/338/mpc-dx7-fm-synth-expansion/>

What's Inside?

The full version of MPC DX7 contains **121 instruments** built with **3888 samples** mapped to 'keygroup' programs. This free edition contains 12 instruments including bass, brass, keys, pads, plucks, percussion and strings.

In addition to the multisampled DX7 tones we've added 3 further oscillator components which can be used to add extra depth and texture to each patch, all of which are adjustable via the Q-links (see later in this guide for full details).

The 'sub' layer adds additional low end body, a 'harmonic' layer adds higher frequency richness, and the sampled noise layer is used to add extra vintage texture or crunchy attack elements to the sound. Adjust the volume of each layer with the Qlinks and even change the type of noise sample used (7 different noise samples are available, including white noise, pink noise, tape, three different vinyl and static).

Each instrument also features up to four Q-link adjustable FX controls for tweaking the levels of lofi grit, modulation (chorus, phaser etc) and ambience (reverb/delay).

The instrument's portamento (note glide) controls and program volume can also be adjusted with the Q-links.

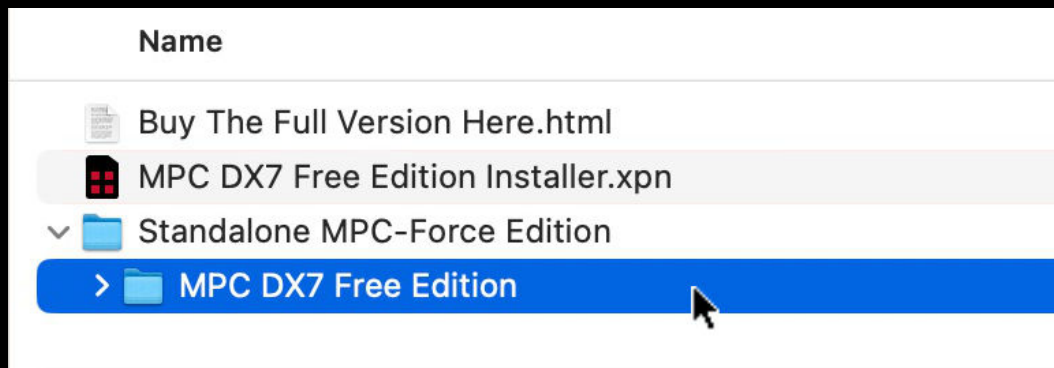
As these are built from standard MPC keygroup programs you can also dive in and make even deeper adjustments using the MPC's familiar 'program edit' UI.

Everything is 100% compatible with the arpeggiator and PAD PERFORM ('Notes Mode') while keyboard controllers can also utilise pitch bend and mod wheel control of LFO for many of the instruments.

Install: Standalone MPC & Akai Force

Note: You can view the most up-to-date expansion installation instructions here: <https://mpc-samples.com/article/standalone-mpc-force-expansion-installation>

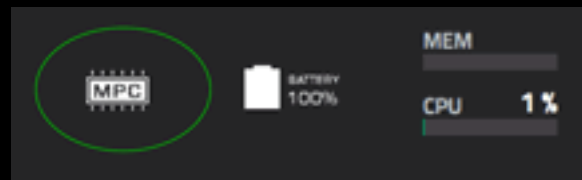
After downloading the expansion, extract the zip file contents to your computer. Enter the '**Standalone MPC-Akai Force**' folder and inside you'll see a sub folder '**MPC-DX7 Free Edition**' – this is the folder we're going to transfer to your MPC/Force.



Expansions must be installed to either an **SD card**, a **USB drive** or, if you have one, an internal **SATA disk**.

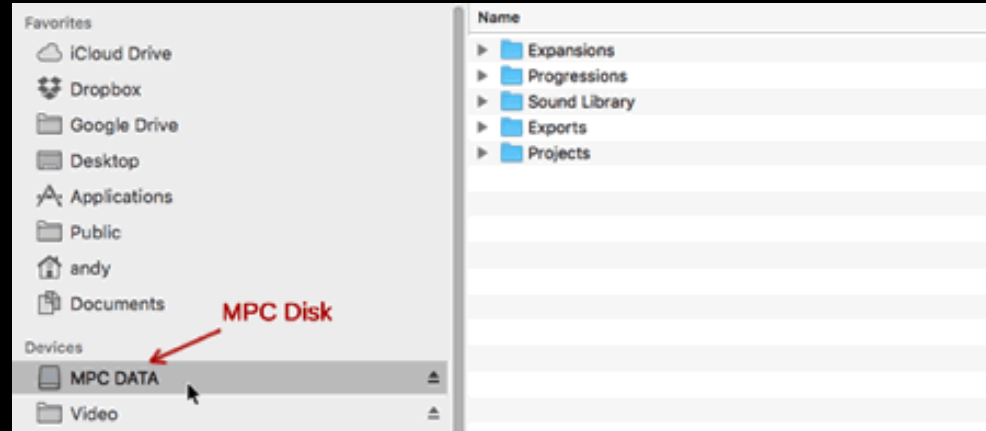
The first step is to mount this 'MPC disk' on your computer. If you use an SD card or USB disk, you can just eject the disk from your MPC/Force and physically insert it into your computer's SD card reader or USB port.

Alternatively, connect your MPC or Force via USB to your computer and go to **MENU** and hit the '**MPC chip**' icon at the top of the screen (this is the '**Laptop**' icon in the Force).

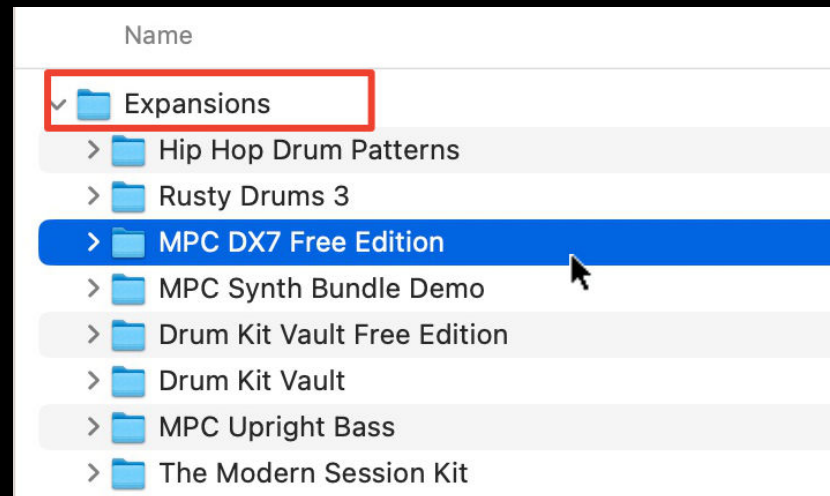


Now select **CONTROLLER MODE** ('**COMPUTER MODE**' in the Force).

Whichever connection method you choose, your MPC disk should now appear as a removable drive in your computer's file manager (e.g. Finder or File Explorer). Click on the drive to open its file system:



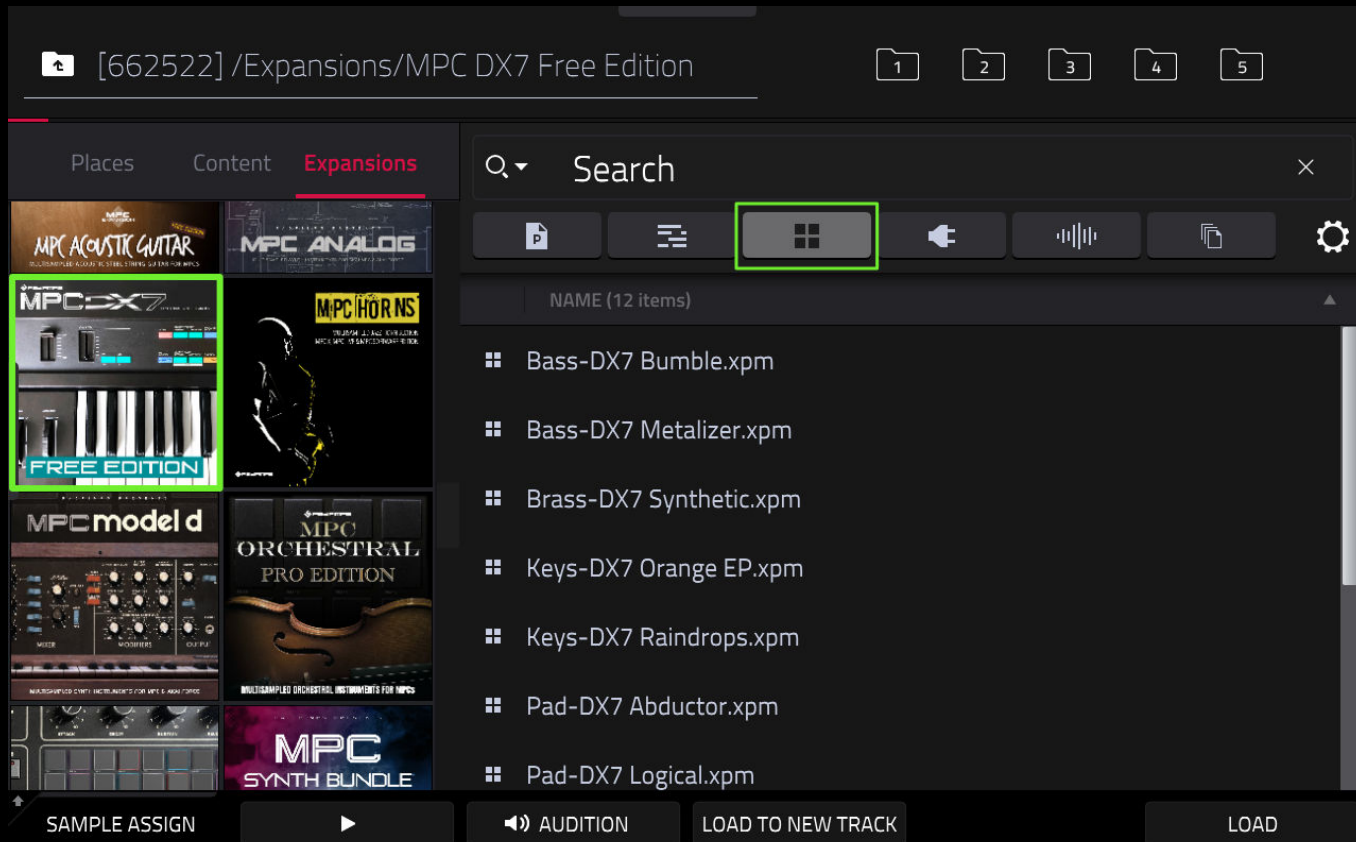
If it doesn't already exist, create a folder called '**Expansions**' in the root of your disk. Now copy the '**MPC DX7 Free Edition**' standalone expansion folder *inside* this 'Expansions' folder.



All done! If you had physically transferred the MPC disk to your computer you should now eject the disk from your computer and put the disk back in your MPC.

Alternatively, if you used USB transfer then go back to **MENU** and select the computer icon to return to standalone mode - *don't forget to eject/unmount the MPC from your computer first, this avoids any potential data loss.*

In your standalone MPC, go to '**MENU > BROWSER > Expansions**' and tap on the '**MPC DX7**' thumbnail. Select the '**PROGRAMS**' filter to view the available instruments.



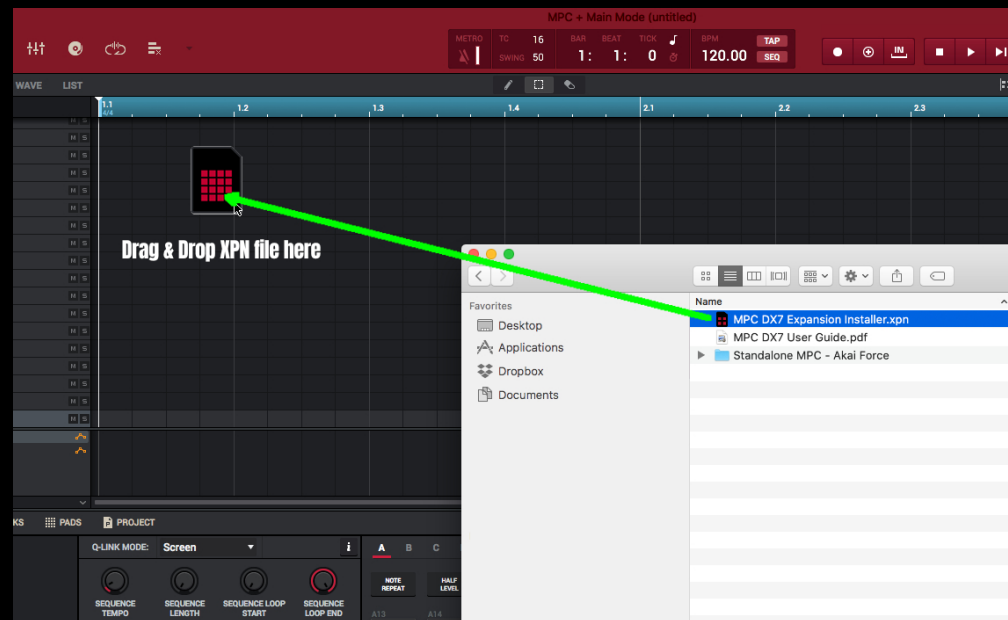
Single tap the program to hear a preview (requires '**AUDITION >AUTO**').
To load the instrument to the current KEYGROUP track, either double tap the XPM file or single tap and press **LOAD**.

Install: MPC Software/MPC Beats App

Note: View the most up-to-date MPC Software expansion install instructions here:

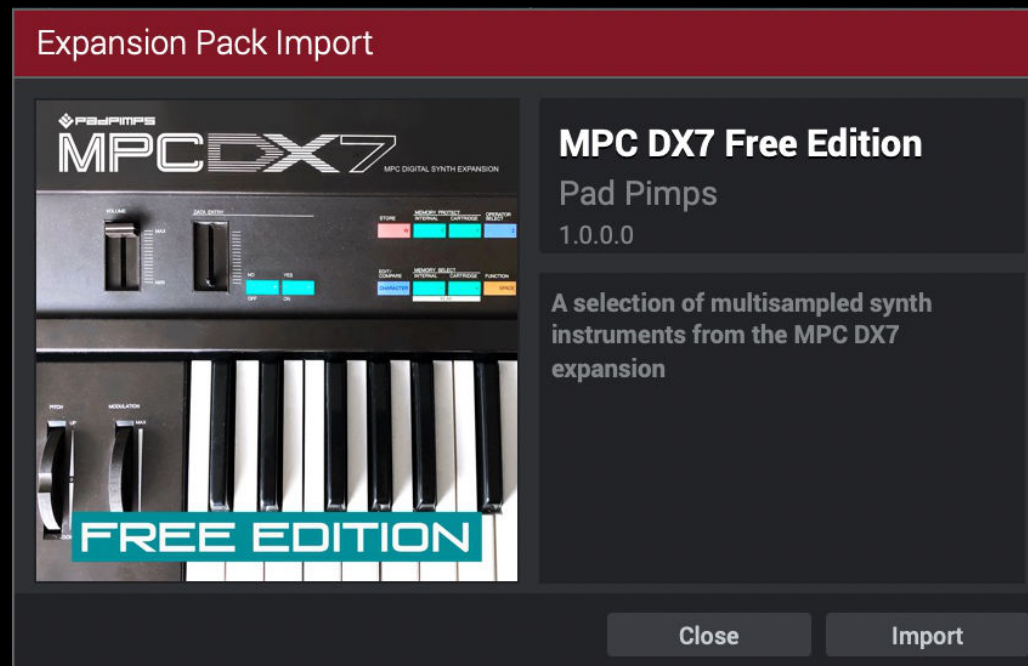
<https://mpc-samples.com/article/install-mpc-software-expansions-guide>

Locate the '**MPC DX7 Free Edition Installer.XPN**' file and drag & drop it directly into the MPC Software UI from your computer's File Explorer/Finder:



If you have problems getting this method to work, open the File Browser (shortcut 'F') and navigate to the location where you extracted the XPN. You can now drag the XPN from here.

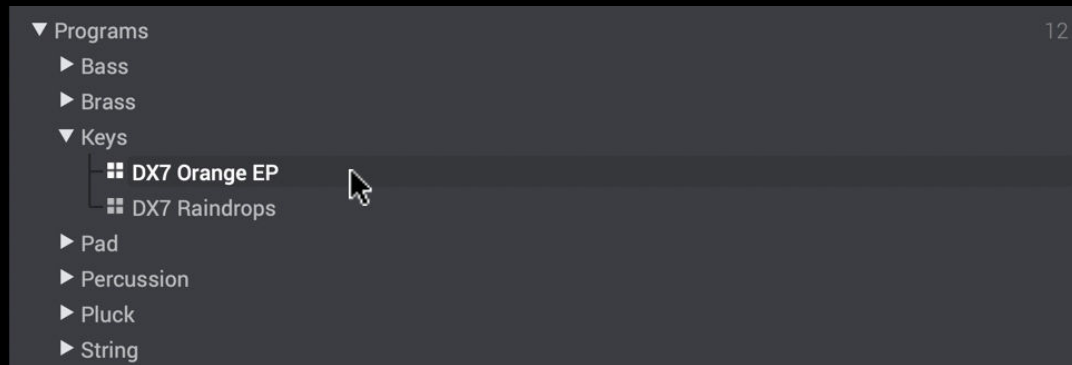
After dragging the XPN into the software UI you will see the following:



Select '**Import**' and once installed, open the **Expansion Browser** ('X' on your keyboard) and click on the '**MPC DX7 Free Edition**' thumbnail to view:



Expand the '**Programs**' group to reveal all the instruments, all organised into sub-categories based on the instrument type:



Single click any instrument to hear its program preview - this requires 'Autoplay' enabled:



Double click a program to load it to the current sequencer track. Alternatively, drag the program directly into your project. All instruments are '**keygroup**' programs and must be assigned to a '**KEYGROUP**' type track in your sequencer.

Under some conditions when loading instruments in the MPC Software/MPC Beats, you might receive a 'Sample already exists' message. This is simply because the QLINK adjustable layers use the same shared oscillator/noise samples across all instruments. Simply select the 'Replace' option to continue loading the instruments.

MPC Q-LINK Macros

Each instrument features pre-mapped MPC 'Q-LINK' dials to give MPC users quick hands-on control of a number of different sound-shaping parameters.

To access these controls in an MPC, hold down the **Q-LINK button** and switch from the default **SCREEN** to **PROGRAM** mode. The Q-LINKS will now remain fixed to the pre-mapped control parameters which can be used for all of the instruments in this expansion:

Q-LINKS

SUB LEVEL	LOFI LEVEL	ROOM SIZE/DELAY	PORTA TIME
Q13 19	Q14 0 %	Q15 72 %	Q16 OFF
HARMONIC LEVEL	CHORUS/PHASER	TIME/FEEDBACK	PORTA LEGATO
Q9 9	Q10 10 %	Q11 2.2 s	Q12 OFF
NOISE LEVEL	CUSTOM FX MIX	DENSITY/DAMPING	PORTA QUANTIZE
Q5 0	Q6 7 %	Q7 100 %	Q8 OFF
NOISE TYPE	AMBIENCE MIX	WIDTH	PRGM VOLUME
Q1 5	Q2 23 %	Q3 +30 %	Q4 0.00dB

Q-LINK EDIT

SHOW Q-LINK STATUS WHEN TOUCHED

PROJECT PROGRAM PAD SCENE PAD PARAMETER SCREEN LEARN

It's not possible to add custom Q-LINK labels on the QLINKs in an MPC, so please refer to the above diagram to see which parameter each QLINK controls. We've also provided some additional information in the table below.

Q-LINK	Control	Details
<i>Column 1:</i>		
Q13	Sub Level	Sine wave oscillator to add more depth and lower end
Q9	Harmonic Level	Triangle/square/saw to add an additional harmonic aspect
Q5	Noise Level	Volume of the sampled noise layer, giving additional texture or crunchy attack to the instrument
Q1	Noise Type	A 'sliced' sample chain containing 7 different noise samples; 1. white, 2. pink, 3. tape, 4. vinyl A, 5. vinyl B, 6. vinyl C, 7. static. A setting of 'pad' disables the noise. ALL is the same as '1' (pure white noise).
<i>Column 2:</i>		
Q14	Lofi Mix	Adds increasing amounts of grit or distortion (typically using with the LoFi or Flavor plugins)

Q10	Modulation Mix	Controls the amount of modulation effect added, typically either chorus, phaser or flanger
Q6	Custom FX Mix	This controls the level of a custom effect type which will vary for each instrument, but often this is set to 'delay'
Q2	Ambience Mix	This controls the main ambience effect, which will most commonly be reverb, but sometimes a delay
<i>Column 3: additional parameter control for Q2 effect (delay or reverb)</i>		
Q15	Delay Time/Room Size	Delay sync timing or 'room size' (for reverbs)
Q11	Feedback/Reverb time	Length of ambient effect
Q7	Density / Damping	Changes density for diffusion delays or damping for all other FX
Q3	Width	Adjusts the width of the delay/reverb
<i>Column 4:</i>		
Q16	Portamento Time	how fast the current note slides from the previous note
Q12	Portamento Legato	set this to ON if you only want glide to occur when notes overlap
Q8	Portamento Quantize	enable this to add quantized 'steps' to the glide

Q4	Program level/volume	reduce this if your program level begins to clip
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***Akai Force Users:** These Q-Link macros can also be accessed in the Force's by holding down the **KNOBS** button and selecting '**Track**'. The assignments are the same as described above (i.e. QLINK 1 = Knob 1 = 'Noise Type'), but as the Force uses horizontally mapped rows of knobs, the arrangement will differ.*

Deeper Editing

Q-link control is meant for quick, hands-on tweaks of select instrument parameters. If you need even more in-depth, granular control over any of the layers or FX, you can deep dive into **PROGRAM EDIT** and directly edit any parameter or adjust any of the deeper FX settings.

This is of course entirely optional but does open up lots more possibilities for sound design and means you can really make all the instruments your own. If you want to learn more about creating and editing advanced instrument programs, check out my MPC Bible course:

<https://www.mpc-samples.com/product.php/268/mpc-bible/>

Further Resources

MPC DX7 is part of our growing range of MPC and Force expansions – check out our entire range here, with loads of acoustic keys, pianos, drum kits, bass, synths & much, much more:

<https://www.mpc-samples.com/section.php/78/0/mpc-expansions/>

If you need help learning how to use your MPC, check out MPC-Tutor's range of **MPC tutorial** books and courses at:

<https://www.mpc-samples.com/section.php/8/0/mpc-tutorials-courses/>

You can buy the full version of MPC DX7 here:

<https://www.mpc-samples.com/product.php/338/mpc-dx7-fm-synth-expansion/>

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