



Virtual Patch Change Script

Thank you for downloading the Virtual Patch Change script from MagicFox! This script allows you to trigger a patch change by playing any note on your keyboard.

Please note that MainStage and your computer must be configured correctly to avoid infinite MIDI message loops of the most unpleasant kind. Always save your concert file before installing this script, and read these instructions carefully.

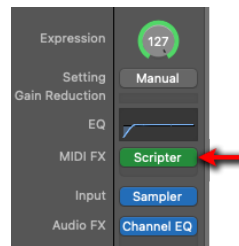
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Installation

1. Move “MFT Virtual Patch Change NC.pst” to (your username)/Music/Audio Music Apps/Plug-In Settings/Scripter
2. Open your computer’s **Audio MIDI Setup** app (found in Applications/Utilities, or by clicking the “Setup” button in the MIDI tab of MainStage’s preferences window). (If the **MIDI Studio** window doesn’t immediately appear, choose Show MIDI Studio in the Audio MIDI Setup’s Window menu.)
3. Double-click **IAC Driver** to open the IAC Driver Properties window.
4. Make sure **Device is online** is enabled. **Add a port** and rename it to “Virtual Patch Change”. Click “Apply” and quit the Audio MIDI Setup app.
5. Choose **File > Concert Settings** or click on the concert item in the Patch List to select it. In the **MIDI** tab of the Concert Settings, disable the option to send unused program changes to channel strips.
6. Switch to the **Assignments & Mappings** tab. Add a new assignment at the concert level. Click the assignment in the list to open the popover and set the following values:
 - Device: **Virtual Patch Change IAC Driver**
 - Channel: **Channel 1**
 - Type: **Single Value**
 - Number: **85 (Ctrl 85)**
 - MIDI Thru: **Do not pass through**
 - Send Value to: **None**
 - Name: **Virtual Patch change**
7. With the new assignment selected, change the mapping from None to **Actions > Next Patch**.

8. Select the patch where you want to use the script. Add an **external instrument channel strip** and name it “VPC”.
9. Set the **MIDI Output** of the VPC channel strip to **None**. (We’ll change this again in Step 11. Setting it temporarily to None helps to avoid accidental infinite MIDI loops.) Set the channel strip’s **audio output** to “No Output”.
10. Using the **Layer Editor**, set the range of note(s) that you want to use to trigger the patch change.
11. Click the **MIDI FX** button on a channel strip (e.g., a harp channel strip) and choose **Scripter**. The Scripter plug-in will open. Click on the drop-down menu (“Factory Default”) choose the Virtual Patch Change script.



3. Change the **MIDI Output** of the VPC channel from None to **Virtual Patch Change IAC Driver** and set the **Channel** to 1.

Parameters

Send After | Specifies whether the patch change should happen after the note is pressed or released.

MIDI Control Number | The control change number that should be sent when the script is activated.

Change Delay | The delay in milliseconds before the control change is sent.

Additional Support

Visit our documentation online for more information:

<https://docs.magicfox.co/articles/scripter/virtual-patch-change>

