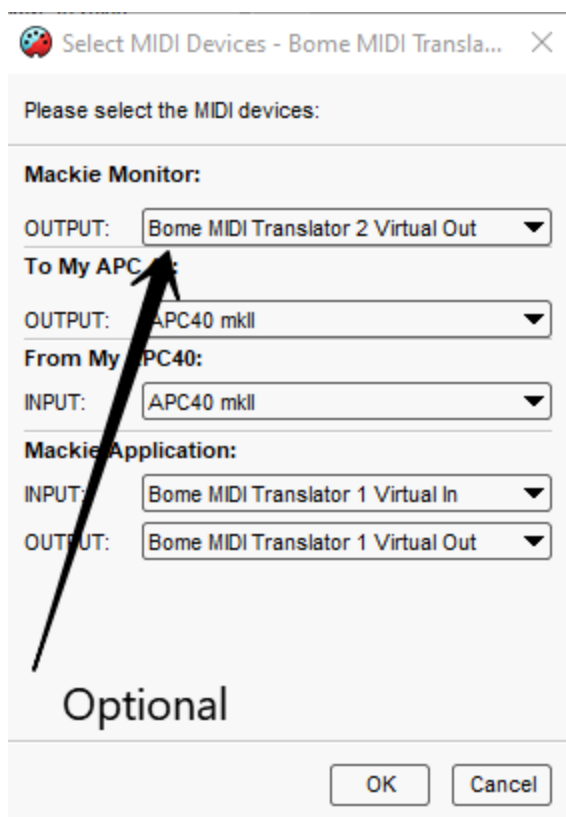


Thanks for purchasing the Mackie Emulation Bome MIDI Translator Project file for the APC40-MKII!

When you first open the project file, you should be prompted to assign aliases. The following shows how I have them assigned. The Alias for the Mackie Monitor is optional and only needed if you want to use it. I use the [MIDI Tools](#) Application to monitor text messages from the supporting DAW (if the DAW supports it).

I typically used Bome MIDI Translator 1 Virtual in and out to communicate with the application. If short names are set in the settings of Bome MIDI Translator, then the application will see it as "BMT 1".



Some translators are disabled. This is done when I have no mapped Mackie functions for a given control. In general, you can modify these translators to have your own custom mapping.

The translator names include the name of the control on the APC40 MKII in addition to the Mackie Function to make the project as "self documenting" as possible.

The Mackie Handshake preset can be handy with some DAW's to ensure the DAW properly recognizes your controller as a Mackie MCU device.

It is also important that you turn on your APC40 MKII before you open the project file so that the controller is in the proper operating mode. This is done in the Master Preset with the translator called APC40 - Mode 1. Restarting the project or pressing the computer ESC key will re-initialize the project and the APC40 MKII.

Since the APC40MKII does not have push encoders, the top row of matrix buttons right under the knobs are used for this function.

Since the APC40MKII does not have motorized faders, they are set up with a “takeup” function so that if you update their position on screen, the fader positions are memorized. This will avoid a “jump” if you then go and move the physical fader. The fader will not operate until it passes through the position that you have set on your DAW application screen.

For assistance, I’m available for project specific questions via email. If the issue is Bome Generic, or related to the use of Bome MIDI Translator with an application, please use the [Bome Forum](#)..

Translators tested with Cubase and Ableton Live in MCU mode

- Faders - Including fader touch emulation 8 faders plus master fader. Since APC 40 faders are not motorized, I include a take-up feature so that faders do not jump if they are in the wrong position. They must cross-over the position of the DAW before they start moving.
- VPOT twist - Top Encoders - Usually used for Mackie “Pan” function but modifiable for other uses based on the Mackie MCU protocol. Functions may vary depending on the DAW’s implementation of MCU.
- VPOT push - I use the top row of clip launch to implement this since the APC 40 MK2 does not have “push encoders”. There is no LED feedback.
- Solo - All 8 tracks
- Mute - All 8 tracks
- Select - All 8 tracks
- Record/Arm 0 All 8 tracks
- Cue Level Encoder - Sends Jog/Shuttle
- A/B - All tracks. Sends nothing but indicates by color whether the take-up level of the fader is above or below the current fader position. Orange if DAW is above current fader position and yellow if DAW is below current fader position. Off if the fader positions match.
- Bank Left/Right (Buttons 3 and 4)
- Track Left/Right (Buttons 2 and 3)
- Mackie Cursor Up/Down/Left/Right
- Shift
- Mackie Flip Function (APC40 Bank Button)
- Mackie Cycle Function (APC40 Pan button)

- Mackie Drop Function (APC40 Sends Button)
- Mackie Replace Function (APD40 User Button)
- Play (APC40 Play/Stop Toggle)
- Record (APC40 Record Button)
- Mackie Click (APC40 Metronome Button)
- Mackie CMD/Alt (APC40 Tap Tempo Button)
- Mackie Nudge + and Nudge -
- Mackie Rew (APC40 Dev. On/Off 5)
- Mackie FF (APC40 Dev.Lock 6)
- Mackie Overdub (APC40 Clip/Dev View 7)
- Mackie Group Function (APC40 Detail View 8)
- Mackie Assignment Track (APC40 Row5 Column 1)
- Mackie Assignment Send (APC40 Row 5 Column 2)
- Mackie Assignment Pan/Surround (APC 40 Row 5 Column 3)
- Mackie Assignment Plugin (APC40 Row 5 Column 4)
- Mackie Assignment EQ (APC40 Row 5 Column 5)
- Mackie Assignment Instrument (APC40 Row 5 Column 6)

Unused buttons/LEDs

- Rows 1-4 Matrix LEDs including Scene Launch
- Row 2-4 Matrix Buttons including Scene Launch
- Row 5 Columns 6 and up Matrix Buttons including Scene Launch
- Device Encoder Encoders (Right)
- Tempo Encoder
- Cross Fader
- Clip Stop Buttons and LEDs

Please do not share your project file with anyone without my written consent. If you need to ask a Bome question on the forum, please describe or extract only the section in question and do not share the file. I put a lot of hours into it and would like to get a return on my invested time.

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