

Bitwig Studio Controller Extension

# Mackie Control



## Main Features

- Use up to 3 Extenders
- Set and recall Bitwig Studio's Cue Markers
- Fold and unfold groups
- Set aux send levels per track or per aux
- Navigate through the device chain and control all devices, from midi devices to audio devices
- Control and trigger drum machine devices
- Define the loop region
- Change the click behaviour
- Launch clips in Bitwig Studio's Launcher
- Browse Devices and Presets



## Navigation & Basics

Assignment Display: Shows the track number of the channel #1.

Bank left/right: Navigates Bitwig Studio's channels in groups of 8.

Channel left/right: Navigates Bitwig Studio's channels by 1

Flip: Flips the function of the V-Pots and the faders

Global View:

```
[ShowSends] Mute=>Drum Mix Select=Group Fold  
<OFF>
```

ShowSends: Defines whether the Effect Tracks (Send returns) are accessible from the controller

Mute: The Mute buttons indicate whether a Drum Machine device is in one of the selected tracks. If present pressing the Mute button enters Drum Machine mix mode. In this mode the Rec buttons trigger the respective sounds. Press Global View again to return to the normal mode.

Select: The Select buttons indicate group tracks. Pressing it will fold or unfold a group. While in normal mode a ">" sign in front of the track name will indicate a folded group and "\*" an unfolded group.

```
ShinyP >Extra Modula DustyD Gnarly PhasyB Farfis  
-3.4dB -InfdB 0.0dB -22.0d -InfdB -InfdB -23.4d
```

Zoom: While active, up/down will change the track size. Left/right affects the zoom level of the arranger.



## Device Chain & Mixing

- Send:** Control Bitwig Studio's send levels. By default 1 send for multiple tracks is Controlled by the V-Pots. The up and down buttons are switching the to the previous or next send. Pressing the Name/Value button temporarily shows the send name. Pressing the Track button controls all the sends of the selected track.
- Pan:** Control Bitwig Studio's panning.
- Plugin:** Control Bitwig Studio's effects Plug-Ins.
- EQ:** Navigates to Bitwig Studio's EQ+. When no EQ+ is in the device chain, pressing the button again will add a new EQ+ at the end of the device chain.
- Instrument:** Navigates to the Instrument of an Instrument Track.
- Up/Down:** Navigates to the previous/next device.
- Left/Right:** Navigates to the previous/next parameter page.
- Shift+Up:** Navigate to parent device if device is nested.
- Shift+Down:** Navigate to nested device.



# Device Chain Operations

Press and hold Plugin, EQ or Instrument to get additional options:

```
Device: Dynamics  
ACTIVE <PIN> <Move Move> REMOVE <ADD ADD> BROWSE
```

Active: Activate or bypass a device

Pin: Pins the device

Move: Move the device left or right

Remove: Remove a device

Add: Add a device left or right from the currently selected device and open the browser

Browse: Replace the currently selected device or load a preset

```
Type DevLoc File/F Category Creatr <Cnc1> <Okay>  
Audio Bitwis Bitwis Any Ca Bitwis <Delay-4>
```

While browsing is active, press and hold shift to:

PRVIEW: Enable Preview in the browser

Cont.T: Switch the Content Type between devices or presets





## Cue Markers

Press Marker to activate the Cue Marker mode.

Press and hold the Marker button and press a V-Pot to create a new Cue Marker.  
Turn the V-Pot to adjust the position of an existing Cue Marker.

```
Intro Verse Bridge Hook <Cue5> <Cue6> <Cue7> <Cue8>
03:1:1 05:1:1 17:1:1 21:1:1
```

While Cue Marker mode is active the F1-F8 buttons can be used to trigger a Cue Marker.

Shift + pressing a V-Pot deletes the marker.

You may rename Cue Markers in the software.

## Cycle

Press Cycle to enable Bitwig Studio's Transport Loop.

Press and hold to see additional options.

```
Cycle Start Len P.IN P.OUT
<ON> 21:11 08:0:0 <OFF> <OFF>
```

Cycle: Transport loop on/off.

Start: Start point of the transport loop.

Len: Length of the transport loop.

P. In/P.Out: Punch in or out at the loop region borders.



## Click

Press Click to enable the metronome.

Press and hold to see additional options.



METRO P.ROLL M.TICK M.VOL T.CLICK  
<ON> <ON> <ON> -2.6 d <OFF>

Metro: Activate the Metronome.

P.Roll: Activate Preroll.

M.Tick: Activate the "Play Ticks" option.

M.Vol: Adjust the Metronome volume.

T.Click: Activate clicks for the transport section buttons.



## Clip Launching

Press Group to enter Clip Launching mode.

In this mode the track buttons allows to launch clips in a 8x4 matrix.

Press and hold Shift to see additional options.

```
Clip mode: Shift+Opt=delete Shift+Alt=double content  
Opt=duplicate alt=stop track
```

Shift+Opt+track button: Delete a clip..

Shift+Alt+track button: Double the contents of a clip.

Opt+track button: Duplicate a clip.

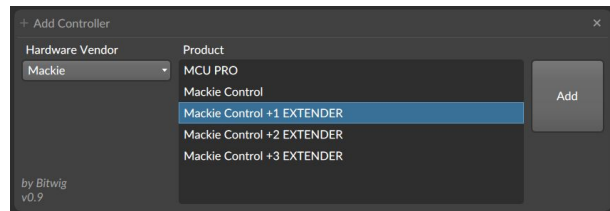
Alt+track button: Stop a clip.





# Extenders

Bitwig Studio supports up to 3 extenders.



Select the version you want to use and select the main device for the first input and output, followed by the MIDI ports of the extenders.

The main unit will always be the most right unit and extenders will be added to the left.



# Shortcuts

## FUNCTION SELECT REGION

F1: Transport return to Arrangement.  
F2: Toggle between Clip Launcher and Arrangement View.

## GLOBAL VIEW

MIDI TRACKS: INSTRUMENT filtered by MIDI FX device.

## Mixer Button SELECT

State 1: track exists

no modifier: Select Track.  
SHIFT: Fold/Unfold Track (only Group Tracks).  
ALT: Stop Clips on Track.  
OPTION: Navigate Into Group track (only Group Tracks) revert with F3.  
CONTROL: Delete Track.

State 2: no track on column of SELECT button

no modifier: Create Instrument Track.  
SHIFT: Create Audio Track.  
ALT: Create Effect Track.

## Level meters in the display

Shift+Name/Value: Activate level meters.  
1x: Vertical  
2x: Horizontal  
3x: Off

## Time Display

SMPTE/Beats: Switches between SMPTE and Beats mode.

## Utilities

Undo: Undo. LED indicates Undo availability.  
Shift+Undo: Redo.