

BITWIG STUDIO CONTROLLER EXTENSION

RELOOP **Keypad Pro**



Default Mode

1 Master Volume

Move the fader to control the volume of the master track.

2 Pan

Turn the PAN encoder to control the pan position, press down and turn the encoder to increase the speed.

Hold SHIFT and press the PAN encoder to center the pan position.

3 Effect Sends

Turn FX SEND 1 or 2 to control the effect send level of the first two sends.

4 Track Volume

Move the fader to control the volume of the track.

5 Track Select/Toggle Group

Press SELECT to select a track.

Hold SHIFT and press SELECT to show/hide tracks inside a group (if the track is a group track).

6 Solo/Mute

Press SOLO to solo a track.

Hold SHIFT and press SOLO to mute a track.

7 Record

Press RECORD to record enable a track.

8 Pads

Press the pads to send notes of the currently selected scale to an instrument. On tracks with a drum machine device, the sixteen pads will trigger the drum instruments of the currently selected 4x4 grid.

The pad colors correspond to the color of the track/drum instrument with root notes lit up in blue.

9 Select Scale/Root Note

Turn the encoder to change the scale of the pads:

Chromatic, Ionian/Major, Aeolian/Minor, Pentatonic, Pentatonic Minor, Dorian (B/g), Mixolydian (F/d), Major Blues, Minor Blues

Press down and turn the encoder to change the root note.

On tracks with a drum machine device, turn the encoder to select the next/previous 4x4 grid, press down and turn the encoder to move the grid by one row.

10 Transpose

Press OCT UP/OCT DOWN to transpose the keyboard by one octave.

Hold SHIFT and press OCT UP or OCT DOWN to transpose instrument track pads by one octave or to select next/previous 4x4 drum grid.



Default Mode

1 Play

Press PLAY to start the transport, press again to stop.

2 Stop

Press STOP to stop the transport and return the playhead to position 1.1.

3 Record

Press RECORD to start recording in the arranger.

4 Cycle/Undo

Press CYCLE to toggle cycle mode.

Hold SHIFT and press CYCLE to undo the last operation.

5 Zoom Out/Back

Press ZOOM OUT to decrease the zoom in the arranger timeline.

Hold SHIFT and press ZOOM OUT to move the playhead backwards.

6 Zoom In/Forward

Press ZOOM IN to increase the zoom in the arranger timeline.

Hold SHIFT and press ZOOM IN to move the playhead forward.

7 Automation Write/Previous Marker

Press AUTOMATE to toggle automation write in the arranger.

Hold SHIFT and press AUTOMATE to move the playhead to the previous cue marker.

8 Metronome/Next Marker

Press METR to toggle automation write in the Arranger.

Hold SHIFT and press AUTOMATE to move the playhead to the next cue marker.

9 Track Focus/View

Press SCENE repeatedly to toggle the eight channels of the Keypad Pro between tracks 1-8, 9-16, 17-24, and 25-32.

Hold SHIFT and press SCENE to toggle between Arrange, Mix, and Edit Panel Layout.

10 Tap Tempo/Set Marker

Press TAP repeatedly to set the project tempo.

Hold SHIFT and press TAP to create a cue marker at the playhead position.



Perform Mode

In Perform Mode the eight channel encoders control the remote controls of the currently selected device, track or the project remotes.

1 Toggle Perform Mode

Press PERFORM to toggle Perform Mode on or off.

2 Remote Controls

Use the encoders to control eight device, track, or project remote controls.

Press down and turn the encoder to increase the speed.

3 Device Select

Hold PERFORM and press a pad to select one of the first eight devices of a track.

4 Remote Controls Page Select

Hold PERFORM and press a pad to select one of the first eight remote controls pages of a device.

The bottom row of the OLED will display the name of the selected remote controls page.

5 Remote Controls Page Select

An alternative method of selecting a remote controls page is to hold PERFORM and turn the encoder.



Clip Launcher Mode

In Clip Launcher Mode the pads trigger clips of the currently focussed 8x2 grid.

1 Toggle Clip Launcher Mode

Press CLIP LAUNCHER to toggle Clip Launcher Mode on or off.

2 Trigger Clips

Press the pads to trigger clips of currently focussed area.

Off: no clip present

Lit steadily: clip present but not playing

Blinking slow: clip playing

Blinking fast: clip about to start/stop on next quantization value

3 Browse Scenes

Turn the encoder to browse through scenes.

4 Play Scene

Hold SHIFT and press PLAY to start a scene in the Clip Launcher.

5 Stop All Clips

Hold SHIFT and press STOP to stop all currently playing clips.

6 Track Focus

Press SCENE repeatedly to toggle the eight channels of the Keypad Pro between tracks 1-8, 9-16, 17-24, and 25-32.

7 Overdub

Hold SHIFT and press RECORD to toggle overdub in the Clip Launcher.

8 Stop Clip

Hold SHIFT and press RECORD to stop a currently playing clip on that track.



Setup

Installation

The Keypad Pro should be detected and set up automatically when it is connected. If you add the controller manually, make sure the correct MIDI ports are selected:

Mac/Windows:

In: Keypad Pro

Out: Keypad Pro

Linux:

In: Keypad Pro MIDI 1

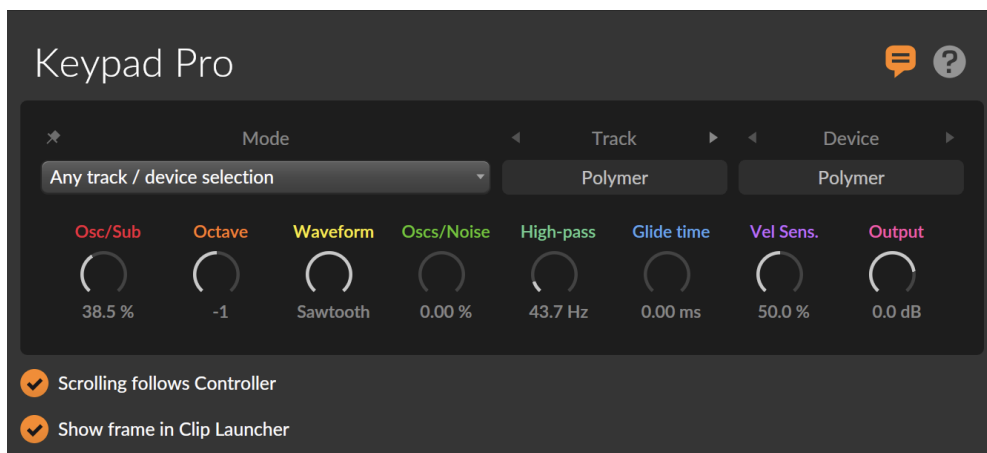
Out: Keypad Pro MIDI 1

Arpeggiator Tempo

The tempo of Keypad Pro's internal arpeggiator is automatically set to the same tempo as the currently opened Bitwig Studio project. Please note that this is not a continuous synchronization to MIDI beat clock. For a tight synchronization and quantized note start points please use Bitwig's internal arpeggiator device.

Controller Status Section

When the Keypad Pro is recognized by Bitwig Studio, a small keyboard icon appears in the top right corner of the application window. Clicking on this icon will open the controller status window.



In the middle section the current knob assignment is shown. Pressing one of the pin icons lets you permanently assign the eight encoders (in Perform Mode) to certain parameters. For more information please read the Bitwig Studio user guide.