

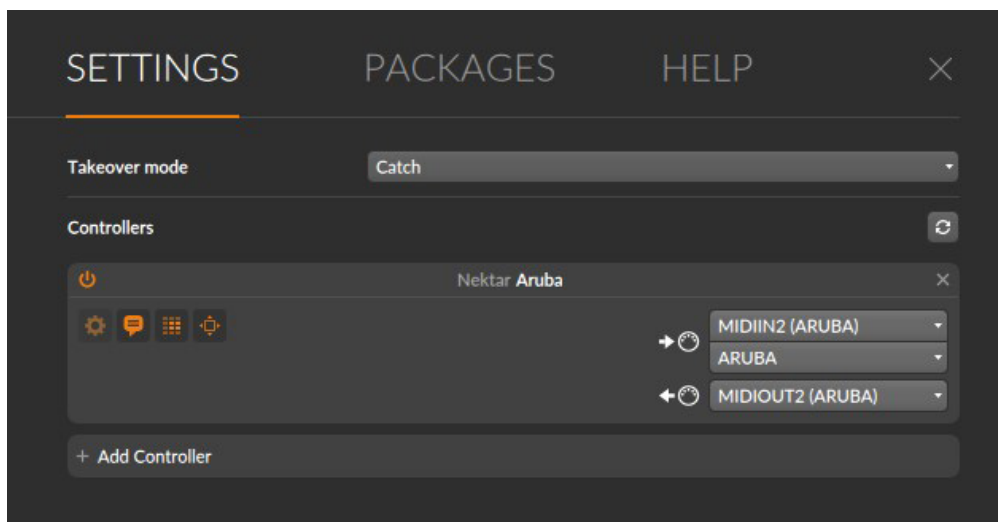
Setup

Here are the steps you need to go through to get Bitwig up and running with Aruba::

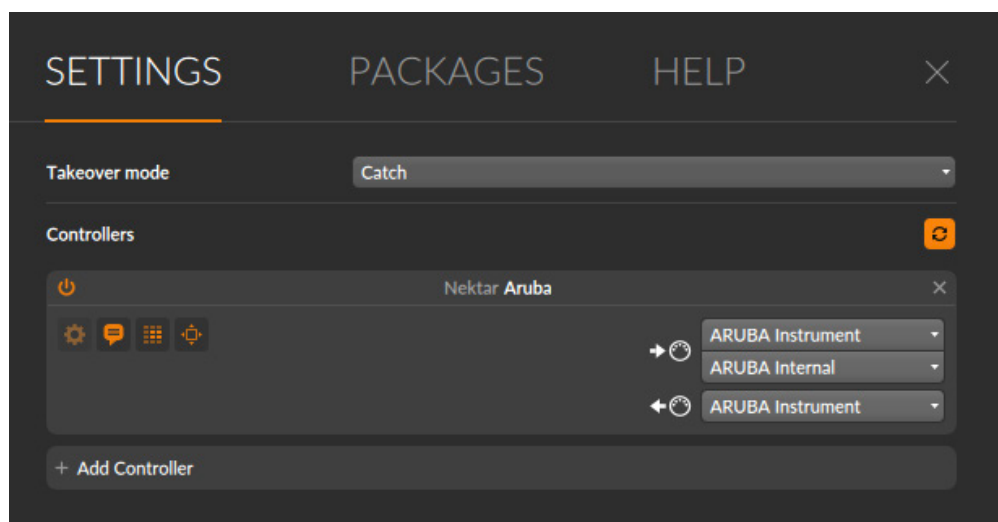
- Make sure Bitwig 1.3.1 or higher is installed on your computer. If not, please install and run it at least once, then quit Bitwig again.
- Run the Aruba_Bitwig_Support installer, included in the package along with this PDF guide..
- Connect Aruba to your computer via USB and make sure it's switched on.
- Launch Bitwig.
- In Bitwig, go to Settings/Controllers.
- Click '+ Nektar Aruba'.
- Bitwig should now appear as the right image.

That's it, setup is now complete.

Windows



MacOS



With Bitwig connected to Aruba, the [DAW] button is illuminated blue and the display has been updated. The [DAW] button toggles Bitwig control on/off when Nektarine is present on a track

Transport Buttons

Aruba's transport buttons control Bitwig's transport functions exclusively, regardless of whether Nektarine mode, Aruba's Sequencer, Internal mode or Repeat is selected.

The buttons activate primary and secondary functions. The secondary functions are accessed when [Shift] is pressed:

Buttons:	Shift	Click	Rewind	Forward
Description:		Switch Click On/Off. When the color is blue, Click is on.	Moves the play position backwards by 1 bar. Hold to move continuously.	Moves the play position forward by 1 bar. Hold to move continuously.
Secondary functions: Press [Shift]+ [Button] to activate	n/a	Pre-Count: Not in use. Bitwig does not have a pre-count feature. .	Set L: Sets the Loop Start to current play position.	Set R: Sets the Loop End to current play position.
Buttons:	Loop	Stop	Play	Record
Description:	Switch Loop On/Off. The buttons LED is green when on.	Stops playback or record. Press a second time to return to start of Arrangement	Activates play from the Play Start position. Press during play pause play.	Activates Record
Secondary functions: Press [Shift]+ [Button] to activate	Goto L: Moves the play position to Loop Start.	Undo: Activates Bitwig's Undo function.	Read: Switch Bitwig's 'Overdub' On/Off.	Write: Switch Bitwig's 'Automation' function On/Off.

Using the transport buttons to set loop length can be done quickly once it has been practiced a little:

- Use Forward/Rewind to move the play position to where you want Loop Start.
- Press [Shift]+[<<] to set Loop Start.
- Press the Forward/Rewind buttons again to move the Playhead position to where you want Loop End.
- Press [Shift]+[>>] to set Loop End.

[R1-8] and Display Button Functions

The [R1-8] pots control Bitwig arrangement functions.

[R1 - Loop]: Move the current loop by the length of the loop. Press [Shift] while moving [R1] to move in 1 bar increments.

[R2 - Loop Length]: Change the length of the loop in 1 bar increments. Press [Shift] while moving [R2] to adjust in beats.

[R3 - Tempo]: Control Bitwig's tempo.

[R4 - Footswitch]: Programs the footswitch behavior with a selection of 7 options.
INTERNAL: Retains the assignment from Aruba's Internal Mode.

PLAY/STOP: Toggle Bitwig's Play/Stop buttons.

RECORD: Activates arranger record.

TAP TEMPO: Tap the footswitch to set the tempo in Bitwig

LOOP: Switch Loop On/Off

ADVANCE LOOP: Moves the loop the length of the loop to the next location.

CLIP RECORD: Activates Bitwig's Clip Record.

[R5 - <Track>]: Scroll through Bitwig tracks by moving the pot.

[R6 - <Patch>]: Opens Bitwig's browser and scroll through devices, plugins and patches. Press the display button labelled [Enter] to load the current selection.

[R7 - Playhead]: Moves the play position in Bitwig.

[R8 - <Marker>]: Selects Bitwig Cue's.

[Display button 1 - Tap Tempo]: Tap in time to set tempo in Bitwig.

The display buttons have additional alternate functions that can be accessed when the [Menu] button is held:

[Display button 1 - Quantize]: Switch record quantize on/off.

[Display button 2 - 1-shot]: When on, Bitwig only records until the end of the current loop. Playback continues with record deactivated. Use to capture Aruba sequences without recording doubled events.

Activating Nektarine for Aruba Control

Once a Software Instrument Track hosting Nektarine is selected, press [DAW] to toggle between DAW mode and controlling Nektarine.

Aruba automatically detects the Nektarine instance hosted on the current track. Because of this, running even several hundred instances of Nektarine in any one project is a seamless control experience.

You can change track either from Aruba or directly in Bitwig, though Aruba behaves a little different depending on the method:

- Selecting track from Aruba always leaves Aruba in DAW mode.
- Selecting a track hosting Nektarine directly in Bitwig using the mouse, activates that instance.
- Selecting any track that does not host Nektarine directly in Bitwig, while Nektarine is active, will automatically switch back to DAW mode.
- Selecting another Nektarine track following will automatically activate that instance.

Drum Machine

Aruba's pads are remapped for the Drum Machine device and will automatically trigger whichever bank of 16 is selected in the rack.

Here are the main features:

[Arrow buttons Up/Down]: Shift the drum rack up down and assign the pads accordingly. This feature is only available for Drum Rack.

Solo: Press and hold [Solo] while pressing one or more pads. Only pads that are solo'ed are illuminated upon release.

Mute: Press and hold [Mute] while pressing one or more pads. Pads that are Mute'ed are not illuminated upon release..

Support

If you are not getting the results described, please check your installation one more time as well as the [Aruba support pages](#).