To listen (monitor) and record sounds from Buchla:

0. TURN DOWN levels on mixer

1. Create a "test tone" on the Buchla with one oscillator

2. Launch Reaper by opening the file called "Buchla Monitor" on the desktop (go ahead and say "Open")

	"REAPER64" is	an application downloaded	l from the					
	Google Chrome downloaded this file on May 10, 2017 from							
?	Cancel	Show Web Page	Open	o ar				

3. You should now be able to hear the Buchla — you need to adjust the input level on channels 5/6 on the mixer and also Main Mix knobs

To RECORD sounds from Buchla:

Once you are monitoring properly, it's easy to record. Click on the "Record" button:



Don't save over the template file!

You can "Save Project As" to save the Reaper session, or if you just want the audio you recorded to work on it somewhere else, you can select: "Render..." from the File menu. You will get this window:

• • •)	Re	Render to File							
Source:	Master mix	\$	Bounds:	Entire project	t 🗘 Presets					
Time b	Time bounds									
Start: 0:00.000 End: 0:16.632 Length: 0:16.632 Image: Tail: 1000										
Outpu	t									
Directo	Directory:									
File nan	ne: Buchla monitor		Wildcards							
Render	to: /Volumes/Proje	ct Space/Users	/simuser/D	esktop/Buchla	monitor test.w	1 file				
Option	าร									
Sample	e rate: 44100	🖌 Hz Cha	annels: Ste	ereo 🗸	Full-speed Off	fline 🗘				
V Us	e project sample rate	for mixing and	FX/synth p	rocessing						
Resam	nple mode (if needed)	Good (19	2pt Sinc)			0				
Tra	 Tracks with only mono media to mono files Multichannel tracks to multichannel files Master mix: Dither Noise shaping 									
Output fo	ormat: WAV			\$						
WAV bit depth: 24 bit PCM Large files: Auto WAV/Wave64 Include project filename in BWF data Write BWF ('bext') chunk Include project filename in BWF data Do not include markers or regions Image files: Embed project tempo (use with care)										
Silently increment filenames to avoid evenuriting										
Add rendered items to new tracks in project										
Save copy of project to outfile.wav.RPP										
Render 1 file										
Open	Open render queue									
Add t	Add to render queue Save changes and close									
Delay	Delay queued render to allow samples to load									

If the above steps don't work, see below to create your own Reaper setup:

- 1. cmd t for "New Track"
- 2. set to Stereo > Input 1 / Input 2 (see below)
- 3. Arm New Track (lower right), then right-click and select "Monitor Input"
- 4. Now adjust level going to speakers with the Main Mix knob on the little mixer.

S REAPER File Edit View	Insert Item	Track (Options Action:	s Help Wind	ow [48kHz 2	4bit WAV : 18/1	8ch 512spls ~	2/12ms]						M1 🖳 🖵	🔺 =(>)) N	fon 3:59 PM Q :三
		_	[u	nsaved project] -	REAPER v5.40/6	64 - Registered t	o Fine Arts - UVi	c (15 user) (Licer	sed for educatior	nal use)					- 1	N 2 14
									4.3.00 🗢						73.0	Mac HD
		0.00.000	0:01.000	0:02.000	0.03.000	0:04.000	0.05.000	0:06.000	0:07.000	0:08.000	0:09.000	0:10.000	0:11.000	0:12.000	0:131	E Ale an
	S FX O														13	
	Input: Mono		✓ Input 1 / Input	2											lat	Project Space
	Input: MIDI	×	Input 2 / Input	13											0	1 100
	mpati Hone		Input 4 / Input	5											1/2	
			Input 6 / Input Input 6 / Input	t 7											9 at	AudioSculpt 3.4.5
			Input 7 / Input Input 8 / Input	t 8 t 9												
			Input 9 / Input Input 10 / Input	10												ataRT
			Input 11 / Inp	ut 12											- 2	cataRT-app-1.6.0
			Input 12 / Inp Input 13 / Inp	ut 13 ut 14												
			Input 14 / Inp Input 15 / Inp	ut 15 ut 16												
			Input 16 / Inp	ut 17												Class_Files
			input ty finp													ATT A
																My_Files
															- 20x	ATTA -
															*24	
				4.4.00/	0:07.50	0 (Stop		4/4 Rate:	1.0							.9.2
FX ROUTING MOND FX FX REUTING MASTER																100
0																
23.8-23.6 M 23.4 M																1. 5
																ound ≠
12- 183018																
36- 42- 36 36- 44- 36 36- 44- 36																
																xMSP
Mixer		10053930														
		den.	An 18	and the second s			100	COLORIS OF	Red The	f of the light	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		WEYAT T		and party	Brender and
		- Bar	U 🔿 🤇	$\overline{\mathbf{W}}$	2 🐴	Ö 🔜 🚺	Ps Id A	Dw Pr	🔁 🚻 🚺	E 🏊 🔤			1 10	Ser is	and ?	

rack 1	0
	Monitor Input Monitor Input (Tape Auto Style) Monitor track media when recording Preserve PDC delayed monitoring in recorded items
MASTER	Record: input (audio or MIDI)Record: MIDI overdub/replaceRecord: outputRecord: input (force format)Record: disable (input monitoring only)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Input: Mono Input: Stereo Input: MIDI Input: None
⊠ Mixer	Automatic record-arm when track selected Track recording settings (Input Quantize, Format, etc) Track input FX chain