

Cherry G80-2551 ** updated 2020-04-26 **Version 2**



Note: starting hid_listen often leads to the following behavior:

```
sudo ./hid_listen
```

```
[sudo] password for <<user>>:
```

```
Waiting for device:
```


```
Listening:
```

```
rF0 r5A
```

hid_listen starts with “rF0 r5A” although I have not pressed a key so far; seems like a “hang-over”

For 10 function keys on left cluster, hid_listen for left 5 keys, labeled: Abruf=row1, PsAus=row2, ErAus=row3, Druck=row4, blank=row5.

Output is for pressing keys ~5 times per second.

	<pre>r19 rF0 r19 r19 rF0 !CS2_F0! I25553 X26054 r19 W26055 r19 W26057 rF0 W26059 R26060 wF2 rFA rAB r86 ID:AB86(2) S26066 wED rFA w02 rFA L26074 r19 ➔ key loops (mute on / off); unplug USD, replug</pre>	
	<pre>r39 rF0 r39 r39 rF0 !CS2_F0! I64602 X65103 r39 W65104 r39 W65106 rF0 W65108 R65108 wF2 rFA rAB r86 ID:AB86(2) S65115 wED rFA w02 rFA L65122 r39 ➔ key loops (mute on / off); unplug USD, replug</pre>	
	<pre>r53 rF0 r53 r53 rF0 !CS2_F0! I21197 X21699 r53 W21700 R22201 wF2 rFA rAB r86 ID:AB86(2) S22207 wED rFA w02 rFA L22214 r53 rF0 r53 r53 rF0 !CS2_F0! I23795 X24297 r53 W24298 R24799 wF2 rFA rAB r86 ID:AB86(2) S24804 wED rFA w02 rFA L24812 r53 rF0 r53 r53 rF0 !CS2_F0! I25812 X26313 r53 W26315 r53 W26317 rF0 W26319 R26319 wF2 rFA rAB r86 ID:AB86(2) S26325 wED rFA w02 rFA L26333 r53 r53 rF0 r53 r53 rF0 !CS2_F0! I26355 X26857 r53 W26858 r53 W26860 rF0 W26862 R26863 wF2 rFA rAB r86 ID:AB86(2) S26869 wED rFA w02 rFA L26877 r53 r53 rF0 r53</pre>	

	<pre> rE0 r12 rE0 r7C rE0 rF0 r7C rE0 rF0 r12 rE0 r12 rE0 r7C rE0 rF0 r7C rE0 rF0 r12 rE0 r12 rE0 r7C rE0 rF0 r7C rE0 rF0 r12 ⇒ Works! </pre>	
	<pre> r5C rF0 r5C r5C rF0 !CS2_F0! I30495 X30997 r5C W30998 R31499 wF2 rFA rAB r86 ID:AB86(2) S31505 wED rFA w02 rFA L31512 r5C rF0 r5C r5C rF0 !CS2_F0! I35300 X35801 r5C W35802 R36304 wF2 rFA rAB r86 ID:AB86(2) S36309 wED rFA w02 rFA L36317 ⇒ Key opens menu for every ~third key press ⇒ Menu key keep looping (letting the key go, wait, press d = minimize to desktop); unplug USD, replug </pre>	

General: Starting hid_listen and plugging in the Teensy shows:

Waiting for device:.....

Listening:

TMK:ed03fb67+/LUFA

USB configured.

Keyboard start.

I421 X922 rAA W923 R1424 wF2 rFA rAB r86 ID:AB86(2)

S1429 wED rFA w02 rFA L1436