

Controller : VKB NJoy32 XT PRO v2.122

[www.vkb-sim.pro](http://www.vkb-sim.pro)

Number of logical buttons : 128

Number of HATs : 1

MOUSE - Not used


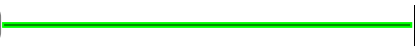



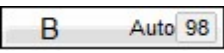


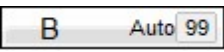



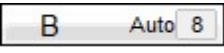



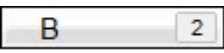





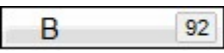



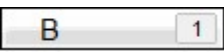


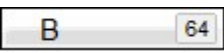


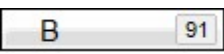



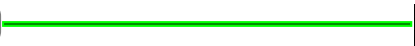





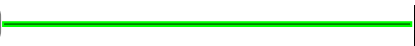





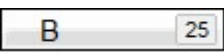


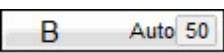


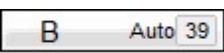

Virtual Keyboard : Not used

















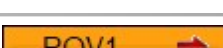
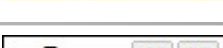

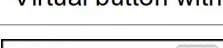

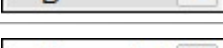

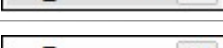


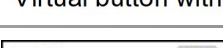

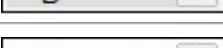

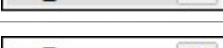


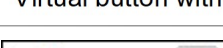

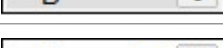

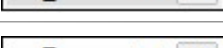


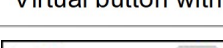
Multimedia Controls : Not used


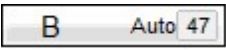






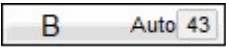

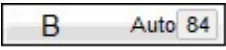




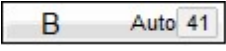

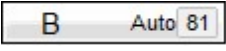




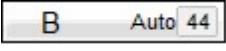

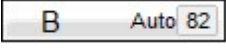




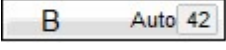

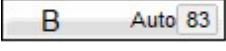




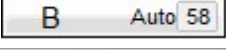

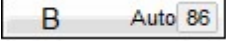



Windows system Controls : Not used

Lin 1	[R1.1]	Enc 61	#1 (E1) / #2 - Encoder Advance Virtual buttons : #61 / #62
		61	#61 Joystick button : #61
		62	#62 Joystick button : #62
1 3	[R1.3]	B 14 103	#3 (E2) - Button with momentary action Virtual button with SHIFT1 = 14 Virtual button with SHIFT2 = 103
		3	#3 Joystick button : #25
		14	#14 Joystick button : #25
		103	#103 Joystick button : #103
2 4	[R1.4]	B 5 104	#4 - Button with momentary action Virtual button with SHIFT1 = 5 Virtual button with SHIFT2 = 104
		4	#4 Joystick button : #24
		5	#5 Joystick button : #24
		104	#104 Joystick button : #104
3 5	[R1.5]	Tm3 5 94	#5 (F3) TEMPO Virtual button Short #5 Virtual button Long #94 Virtual button Double Short #95
		5	#5 Joystick button : #24
		94	#94 Joystick button : #94
		95	#95 Joystick button : #95
4 6	[R1.6]	Tm3 6 96	#6 (F1) TEMPO Virtual button Short #6 Virtual button Long #96 Virtual button Double Short #97
		6	#6 Joystick button : #52
		96	#96 Joystick button : #96
		97	#97 Joystick button : #97
5 7	[R1.7]	Tm3 7 98	#7 (F2) TEMPO Virtual button Short #7 Virtual button Long #98


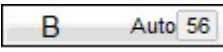




































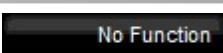

## Virtual button Double Short #99

						#7 Joystick button : #53
						#98 Joystick button : #98
						#99 Joystick button : #99
6	8	[R1.8]		<b>#8 - Button with momentary action</b>		
						#8 Joystick button : #8
7	9	[R2.1]		<b>#9 (Fire 2-nd stage) - Button with momentary action</b> Virtual button with SHIFT1 = 63		
						#9 Joystick button : #2
						#63 Joystick button : #63
						#92 Joystick button : #92
8	10	[R2.2]		<b>#10 (Fire 1-st stage) - Button with momentary action</b> Virtual button with SHIFT1 = 64 Virtual button with SHIFT2 = 91		
						#10 Joystick button : #1
						#64 Joystick button : #64
						#91 Joystick button : #91
9	11	[R2.3]		<b>#11 (D1) SHIFT1</b>		
10	12	[R2.4]		<b>#12 (A2) - Button with momentary action</b> Virtual button with SHIFT1 = 100 Virtual button with SHIFT2 = 101		
						#12 Joystick button : #3
						#100 Joystick button : #100
						#101 Joystick button : #101
11	13	[R2.5]		<b>#13 (Ministick push) Microstick Mode Switch</b> Switch Mode:		
12	14	[R2.6]		<b>#14 (A3 push) - Button with momentary action</b> Virtual button with SHIFT1 = 50 Virtual button with SHIFT2 = 39		
						#14 Joystick button : #25
						#50 Joystick button : #50
						#39 Joystick button : #39
13	15	[R2.7]		<b>#15 (A4 push) - Button with momentary action</b> Virtual button with SHIFT1 = 45 Virtual button with SHIFT2 = 40		

					<b>#15 Joystick button : #15</b>
					<b>#45 Joystick button : #45</b>
					<b>#40 Joystick button : #40</b>
14	16	[R2.8]			<b>#16 (B1) - Button with momentary action</b> Virtual button with SHIFT1 = 51 Virtual button with SHIFT2 = 89
					<b>#16 Joystick button : #4</b>
					<b>#51 Joystick button : #51</b>
					<b>#89 Joystick button : #89</b>
15	17	[R3.1]			<b>#18 (A1 down) Point of view Switch POV1 Down</b>
16	18	[R3.2]			<b>#19 (A1 up) Point of view Switch POV1 Up</b>
17	19	[R3.3]			<b>#20 (A1 left) Point of view Switch POV1 Left</b>
18	20	[R3.4]			<b>#21 (A1 right) Point of view Switch POV1 Right</b>
19	21	[R3.5]			<b>#21 (A3 down) - Button with momentary action</b> Virtual button with SHIFT1 = 48 Virtual button with SHIFT2 = 52
					<b>#21 Joystick button : #8</b>
					<b>#48 Joystick button : #48</b>
					<b>#52 Joystick button : #52</b>
20	22	[R3.6]			<b>#22 (A3 up) - Button with momentary action</b> Virtual button with SHIFT1 = 46 Virtual button with SHIFT2 = 54
					<b>#22 Joystick button : #6</b>
					<b>#46 Joystick button : #46</b>
					<b>#54 Joystick button : #54</b>
21	23	[R3.7]			<b>#23 (A3 left) - Button with momentary action</b> Virtual button with SHIFT1 = 49 Virtual button with SHIFT2 = 53
					<b>#23 Joystick button : #9</b>
					<b>#49 Joystick button : #49</b>
					<b>#53 Joystick button : #53</b>
22	24	[R3.8]			<b>#24 (A3 right) - Button with momentary action</b> Virtual button with SHIFT1 = 47 Virtual button with SHIFT2 = 55
					<b>#24 Joystick button : #7</b>

					<b>#47 Joystick button : #47</b>
					<b>#55 Joystick button : #55</b>
23	25	[R4.1]			<b>#25 (A4 down) - Button with momentary action</b> Virtual button with SHIFT1 = 43 Virtual button with SHIFT2 = 84
					<b>#25 Joystick button : #25</b>
					<b>#43 Joystick button : #43</b>
					<b>#84 Joystick button : #84</b>
24	26	[R4.2]			<b>#26 (A4 up) - Button with momentary action</b> Virtual button with SHIFT1 = 41 Virtual button with SHIFT2 = 81
					<b>#26 Joystick button : #11</b>
					<b>#41 Joystick button : #41</b>
					<b>#81 Joystick button : #81</b>
25	27	[R4.3]			<b>#27 (A4 left) - Button with momentary action</b> Virtual button with SHIFT1 = 44 Virtual button with SHIFT2 = 82
					<b>#27 Joystick button : #14</b>
					<b>#44 Joystick button : #44</b>
					<b>#82 Joystick button : #82</b>
26	28	[R4.4]			<b>#28 (A4 right) - Button with momentary action</b> Virtual button with SHIFT1 = 42 Virtual button with SHIFT2 = 83
					<b>#28 Joystick button : #12</b>
					<b>#42 Joystick button : #42</b>
					<b>#83 Joystick button : #83</b>
27	29	[R4.5]			<b>#29 (C1 backward) - Button with momentary action</b> Virtual button with SHIFT1 = 58 Virtual button with SHIFT2 = 86
					<b>#29 Joystick button : #18</b>
					<b>#58 Joystick button : #58</b>
					<b>#86 Joystick button : #86</b>
28	30	[R4.6]			<b>#30 (C1 forward) - Button with momentary action</b> Virtual button with SHIFT1 = 56 Virtual button with SHIFT2 = 84
					<b>#30 Joystick button : #16</b>



					<b>#56 Joystick button : #56</b>
					<b>#84 Joystick button : #84</b>
29	31	[R4.7]			<b>#31 (C1 left) - Button with momentary action</b> Virtual button with SHIFT1 = 59 Virtual button with SHIFT2 = 87
					<b>#31 Joystick button : #19</b>
					<b>#59 Joystick button : #59</b>
					<b>#87 Joystick button : #87</b>
30	32	[R4.8]			<b>#32 (C1 right) - Button with momentary action</b> Virtual button with SHIFT1 = 57 Virtual button with SHIFT2 = 85
					<b>#32 Joystick button : #17</b>
					<b>#57 Joystick button : #57</b>
					<b>#85 Joystick button : #85</b>
31	33	[R5.1]			<b>#33 (C1 push) - Button with momentary action</b> Virtual button with SHIFT1 = 60 Virtual button with SHIFT2 = 90
					<b>#33 Joystick button : #20</b>
					<b>#60 Joystick button : #60</b>
					<b>#90 Joystick button : #90</b>
32	34	[R5.2]			<b>#34 (A1 push) - Button with momentary action</b>
					<b>#34 Joystick button : #30</b>
33	35	[R5.3]			<b>#35 (Rapid fire forward) SHIFT2 alternate action</b> Virtual button #35
					<b>#35 Joystick button : #21</b>
34	36	[R5.4]			<b>#36 (Rapid fire press) - Button with momentary action</b> Virtual button with SHIFT1 = 38
					<b>#36 Joystick button : #22</b>
					<b>#38 Joystick button : #38</b>
35	37	[R5.5]			<b>#37 No defined function</b>
36	38	[R5.6]			<b>#38 No defined function</b>
37	39	[R5.7]			<b>#39 No defined function</b>
38	40	[R5.8]			<b>#40 No defined function</b>

39	65	[R9.1]		<b>#65 - Button with momentary action</b> Virtual button with SHIFT2 = 73
				<b>#65</b> Joystick button : #65
				<b>#73</b> Joystick button : #73
40	66	[R9.2]		<b>#66 - Button with momentary action</b> Virtual button with SHIFT2 = 74
				<b>#66</b> Joystick button : #66
				<b>#74</b> Joystick button : #74
41	67	[R9.3]		<b>#67 - Button with momentary action</b> Virtual button with SHIFT2 = 75
				<b>#67</b> Joystick button : #67
				<b>#75</b> Joystick button : #75
42	68	[R9.4]		<b>#68 - Button with momentary action</b> Virtual button with SHIFT2 = 76
				<b>#68</b> Joystick button : #68
				<b>#76</b> Joystick button : #76
43	69	[R9.5]		<b>#69 - Button with momentary action</b> Virtual button with SHIFT2 = 77
				<b>#69</b> Joystick button : #69
				<b>#77</b> Joystick button : #77
44	70	[R9.6]		<b>#70 - Button with momentary action</b> Virtual button with SHIFT2 = 78
				<b>#70</b> Joystick button : #70
				<b>#78</b> Joystick button : #78
45	71	[R9.7]		<b>#71 - Button with momentary action</b> Virtual button with SHIFT2 = 79
				<b>#71</b> Joystick button : #71
				<b>#79</b> Joystick button : #79
46	72	[R9.8]		<b>#72 - Button with momentary action</b> Virtual button with SHIFT2 = 80
				<b>#72</b> Joystick button : #72
				<b>#80</b> Joystick button : #80



### Summary info:

#### Registers usage:

R#1 : Internal  
R#2 : Extern Device #1  
R#3 : Extern Device #1  
R#4 : Extern Device #1  
R#5 : Extern Device #1



*Virtual button #5 is picked 2 times*  
*Virtual button #14 is picked 2 times*  
*Virtual button #84 is picked 2 times*

