

Point Blank by Namco --- conversion/jumpers to use Happ guns instead of Namco guns

J101 on main board

B6 (blue) jumper to J4 on position board #4
 B7 (red) jumper to J4 on position board #6

A6 (ground?) jumper to J4 on position board #3
 A7 (sync) jumper to J4 on position board #5
 A8 (green) jumper to J4 on position board #7

J102 on main board

(Jamma conn.)

jumper + 5 from jamma to J2 --- pins 4 or 5 on the gun position board

J4 on position board

1 push 1 (pl.1) jumper
2 push 1 (pl.2) jumper
3 jumper to A6 on main board J101
4 jumper to B6 on J101
5 jumper to A7 on main board J101
6 jumper to B7 on main board J101
7 jumper to A8 on main board J101
8 jumper to sync on main pcb jamma connector
9 jumper to main ground on main pcb

J2 on position board

1
2
3
4 "+5vdc to gun (red)" player 2
5 "+5vdc to gun (red)" player 1
6
7 gun player 2 -- white wire
8 ground for gun player 2
9 Blue wire for gun player 2
10
11
12 gun player 1 -- white wire
13 ground for gun player 1
14 Blue wire for gun player 2
15