



## Channel information of BB 4 washlight

**Mode 1**                    **3 channel 8 bit**

- 1      red all cells
- 2      green all cells
- 3      blue all cells

**Mode 2**                    **6 channel 16 bit**

- 1      red high byte all cells
- 2      red low byte all cells
- 3      green high byte all cells
- 4      green low byte all cells
- 5      blue high byte all cells
- 6      blue low byte all cells

**Mode 3**                    **5 channel 8 bit**

- 1      master intensity all cells
- 2      strobe all cells
- 3      red all cells
- 4      green all cells
- 5      blue all cells

**Mode 4**                    **9 channel 16 bit**

- 1      master intensity high byte all cells
- 2      master intensity low byte all cells
- 3      strobe all cells
- 4      red high byte all cells
- 5      red low byte all cells

- 6 green high byte all cells
- 7 green low byte all cells
- 8 blue high byte all cells
- 9 blue low byte all cells

**Mode 5                    12 channel 8 bit**

- 1 red cell 1
- 2 green cell 1
- 3 blue cell 1
- 4 red cell 2
- 5 green cell 2
- 6 blue cell 2
- 7 red cell 3
- 8 green cell 3
- 9 blue cell 3
- 10 red cell 4
- 11 green cell 4
- 12 blue cell 4

**Mode 6                    24 channel 16 bit**

- 1 red high byte cell 1
- 2 red low byte cell 1
- 3 green high byte cell 1
- 4 green low byte cell 1
- 5 blue high byte cell 1
- 6 blue low byte cell 1
- 7 red high byte cell 2
- 8 red low byte cell 2
- 9 green high byte cell 2
- 10 green low byte cell 2
- 11 blue high byte cell 2
- 12 blue low byte cell 2
- 13 red high byte cell 3
- 14 red low byte cell 3
- 15 green high byte cell 3
- 16 green low byte cell 3
- 17 blue high byte cell 3
- 18 blue low byte cell 3
- 19 red high byte cell 4
- 20 red low byte cell 4
- 21 green high byte cell 4
- 22 green low byte cell 4
- 23 blue high byte cell 4
- 24 blue low byte cell 4

**Mode 7                    14 channel 8 bit**

- 1 master intensity all cells
- 2 strobe all cells
- 3 red cell 1
- 4 green cell 1
- 5 blue cell 1
- 6 red cell 2
- 7 green cell 2
- 8 blue cell 2
- 9 red cell 3
- 10 green cell 3
- 11 blue cell 3
- 12 red cell 4
- 13 green cell 4
- 14 blue cell 4

### Mode 8

### 27 channel 16 bit

- 1 master intensity high byte
- 2 master intensity low byte
- 3 strobe all cells
- 4 red high byte cell 1
- 5 red low byte cell 1
- 6 green high byte cell 1
- 7 green byte low byte cell 1
- 8 blue high byte cell 1
- 9 blue low byte cell 1
- 10 red high byte cell 2
- 11 red low byte cell 2
- 12 green high byte cell 2
- 13 green byte low byte cell 2
- 14 blue high byte cell 2
- 15 blue low byte cell 2
- 16 red high byte cell 3
- 17 red low byte cell 3
- 18 green high byte cell 3
- 19 green byte low byte cell 3
- 20 blue high byte cell 3
- 21 blue low byte cell 3
- 22 red high byte cell 4
- 23 red low byte cell 4
- 24 green high byte cell 4
- 25 green byte low byte cell 4
- 26 blue high byte cell 4
- 27 blue low byte cell 4

### Mode 9

### 20 channel 8 bit

- 1 master intensity cell 1
- 2 strobe cell 1
- 3 red cell 1
- 4 green cell 1
- 5 blue cell 1
- 6 master intensity cell 2
- 7 strobe cell 2
- 8 red cell 2
- 9 green cell 2
- 10 blue cell 2
- 11 master intensity cell 3
- 12 strobe cell 3
- 13 red cell 3
- 14 green cell 3
- 15 blue cell 3
- 16 master intensity cell 4
- 17 strobe cell 4
- 18 red cell 4
- 19 green cell 4
- 20 blue cell 4

**Mode 10 36 channel 16 bit**

- 1 master intensity high byte cell 1
- 2 master intensity low byte cell 1
- 3 strobe cell 1
- 4 red high byte cell 1
- 5 red low byte cell 1
- 6 green high byte cell 1
- 7 green low byte cell 1
- 8 blue high byte cell 1
- 9 blue low byte cell 1
- 10 master intensity high byte cell 2
- 11 master intensity low byte cell 2
- 12 strobe cell 2
- 13 red high byte cell 2
- 14 red low byte cell 2
- 15 green high byte cell 2
- 16 green low byte cell 2
- 17 blue high byte cell 2
- 18 blue low byte cell 2
- 19 master intensity high byte cell 3
- 20 master intensity low byte cell 3
- 21 strobe cell 3
- 22 red high byte cell 3
- 23 red low byte cell 3
- 24 green high byte cell 3
- 25 green low byte cell 3

- 26 blue high byte cell 3
- 27 blue low byte cell 3
- 28 master intensity high byte cell 4
- 29 master intensity low byte cell 4
- 30 strobe cell 4
- 31 red high byte cell 4
- 32 red low byte cell 4
- 33 green high byte cell 4
- 34 green low byte cell 4
- 35 blue high byte cell 4
- 36 blue low byte cell 4

**Strobe Frequencies:**

Dmx value	frequency
0-20	all on no strobe
21-50	2.7 Hz
51-60	4.8 Hz
61-80	6.4 Hz
81-100	7 Hz
101-120	7.7 Hz
121-140	9.6 Hz
141-160	10.6 Hz
161-180	14.7 Hz
181-200	20.8 Hz
201-220	23.8 Hz
221-240	26.3 Hz
241	and above 33 Hz