

Recommended settings of the associations for the Z-WAVE controllers (does not apply to the Home Center 2)

RGBW:

RGBW mode normal → any Z-WAVE device
parameter 6 – recommended value: 0

RGBW mode brightness → any Z-WAVE device
parameter 6 – recommended value: 3

RGBW mode rainbow → any Z-WAVE device
parameter 6 – recommended value: 0

RGB:

RGB mode normal → any Z-WAVE device
parameter 6 – recommended value: 0

RGB mode brightness → any Z-WAVE device
parameter 6 – recommended value: 3

RGB mode rainbow → any Z-WAVE device
parameter 6 – recommended value: 0

OUT:

Device configured as OUT → any Z-WAVE device
parameter 6 – recommended value: 0

IN:

Device configured as IN → any Z-WAVE device
parameter 6 – recommended value: 0

Parameter 14 configuration settings (does not apply to Home Center 2)

Each 4bit refer to given IN/OUT (channel) settings:

Channel 1 (4bity)	Channel 2 (4bity)	Channel (4bity)	Channel 4 (4bity)
0000	0000	0000	0000
....
1111	1111	1111	1111

Settings available for single channel						
HEX	M			LS	Controlled device	
	S			B		
	B					
0	0	0	0	0	(RGBW)	X
1	0	0	0	1	(RGBW)	MOMENTARY (NORMAL MODE)
2	0	0	1	0	(RGBW)	MOMENTARY (BRIGHTNESS MODE)
3	0	0	1	1	(RGBW)	MOMENTARY (RAINBOW MODE)
4	0	1	0	0	(RGBW)	TOGGLE (NORMAL MODE)
5	0	1	0	1	(RGBW)	TOGGLE (BRIGHTNESS MODE)
6	0	1	1	0	(RGBW)	TOGGLE W. MEMORY (NORMAL MODE)
7	0	1	1	1	(RGBW)	TOGGLE W. MEMORY (BRIGHTNESS MODE)
8	1	0	0	0	(IN)	ANALOG 0-10V (SENSOR)
9	1	0	0	1	(OUT)	MOMENTARY (NORMAL MODE)
A	1	0	1	0	(OUT)	X
B	1	0	1	1	(OUT)	X
C	1	1	0	0	(OUT)	TOGGLE (NORMAL MODE)
D	1	1	0	1	(OUT)	X
E	1	1	1	0	(OUT)	TOGGLE W/MEMORY (NORMAL MODE)
F	1	1	1	1	(OUT)	X

Default settings – all output as RGBW with momentary switches

HEX: 1111, so DEC: 4369

Sample configurations (value conversion):

Sample 1:

All inputs as IN (0-10V sensors)

HEX: 8888, so DEC: 34952

Sample 2:

3 inputs as IN, 1 output as OUT (momentary normal mode). For example – 3 0-10V sensors and 1 LED strip output.

HEX: 8889, so DEC: 34953

Sample 3:

4 outputs as OUT, momentary (for example 4 LED strip outputs, or 4 halogen 12/24VDC lights)

HEX: 9999, so DEC: 39321

Sample conversion for parameter 14:

To calculate the value of a parameter, you can use the online calculator: <http://calc.50x.eu/>

Step 1 – select the value from the table HEX - eg 1111

Step 2 - select the HEX value and enter it into the calculator

Step 3 - convert the value to DEC

Step 4 – we can enter the value of parameter 14 - **4369** into the settings of the RGBW Controller module.

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CALC. Hexadecimal Decimal Binary Octal Converter
for programmers Binary to Decimal, Binary to Hexadecimal, Hex ASCII, ASCII Binary, Hexadecimal to Decimal

Hexadecimal Decimal Binary and Octal Converter allows you to convert the same number between its representations under different number systems. You can choose length of numbers from 8 to 32 bits. From / to ASCII characters you can convert only 8-bits numbers.

 Current state

24 bits ▼

Clear

Hex 1111	Dec 4369	Oct 10421	Bin 1000100010001
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Set or clear bits directly

23	16	15	8	7	0
0	0	0	0	0	0
0	0	0	1	0	0
0	0	0	0	0	1
0	0	0	1	0	0
0	0	0	0	1	0
0	0	0	0	0	1