

## Specification Change Notice

### K2, K9 Surface-mounted illuminating Switch

We would like to inform you that specification of reference external resistance values will be changed after June 1, 2014. No change in external dimensions and part number. The details are as follows.

LED colors: Mono-color Red(7) Green(8) Yellow(9)  
Dual-color Red and Green(78), Red and Super green(718)

\*When adjusting the brightness of other colors to be mostly uniform using solid green as a guide, reference the following table to determine resistance values.

#### ●REFERENCE EXTERNAL RESISTANCE VALUES ★12mm Square Button Before Change

Button	Color Voltage	Mono-color(7)(8)(9)			Dual-color(78)		Dual-color(718)	
		Red	Green	Yellow	Red	Green	Red	Super Green
K2 □12	5V	750Ω 1/16W	150Ω 1/8W	510Ω 1/16W	750Ω 1/16W	150Ω 1/8W	630Ω 1/16W	1.2kΩ 1/16W
	12V	2.4kΩ 1/8W	510Ω 1/2W	1.6kΩ 1/8W	2.4kΩ 1/8W	510Ω 1/8W	2kΩ 1/8W	4.7kΩ 1/16W
	24V	5.6kΩ 1/4W	1.1kΩ 1W	3.6kΩ 1/4W	5.6kΩ 1/4W	1.1kΩ 1W	4.3kΩ 1/4W	11kΩ 1/8W
	Current value (reference value)	4	20	6	4	20	5	2



Please be sure to use the appropriate resistor.

#### After Change

Button	Color Voltage	Mono-color(7)(8)(9)			Dual-color(78)		Dual-color(718)	
		Red	Green	Yellow	Red	Green	Red	Super Green
K2 □12	5V	620Ω 1/16W	270Ω 1/8W	330Ω 1/16W	620Ω 1/16W	270Ω 1/8W	510Ω 1/16W	910Ω 1/16W
	12V	2kΩ 1/8W	910Ω 1/4W	1.1kΩ 1/4W	2kΩ 1/8W	910Ω 1/4W	1.6kΩ 1/4W	3.6kΩ 1/16W
	24V	4.3kΩ 1/4W	2kΩ 1/2W	2.4kΩ 1/2W	4.3kΩ 1/4W	2kΩ 1/2W	3.6kΩ 1/2W	8.2kΩ 1/8W
	Current value (reference value)	5	11	9	5	11	6	3

#### ●REFERENCE EXTERNAL RESISTANCE VALUES ★9mm Square Button Before Change

Button	Color Voltage	Mono-color(7)(8)(9)			Dual-color(78)		Dual-color(718)	
		Red	Green	Yellow	Red	Green	Red	Super Green
K9 □9	5V	750Ω 1/16W	150Ω 1/8W	510Ω 1/16W	750Ω 1/16W	150Ω 1/8W	630Ω 1/16W	1.2kΩ 1/16W
	12V	2.4kΩ 1/8W	510Ω 1/2W	1.6kΩ 1/8W	2.4kΩ 1/8W	510Ω 1/8W	2kΩ 1/8W	4.7kΩ 1/16W
	24V	5.6kΩ 1/4W	1.1kΩ 1W	3.6kΩ 1/4W	5.6kΩ 1/4W	1.1kΩ 1W	4.3kΩ 1/4W	11kΩ 1/8W
	Current value (reference value)	4	20	6	4	20	5	2



Please be sure to use the appropriate resistor.

#### After Change

Button	Color Voltage	Mono-color(7)(8)(9)			Dual-color(78)		Dual-color(718)	
		Red	Green	Yellow	Red	Green	Red	Super Green
K9 □9	5V	910Ω 1/16W	390Ω 1/16W	470Ω 1/16W	910Ω 1/16W	390Ω 1/16W	750Ω 1/16W	1.2kΩ 1/16W
	12V	3kΩ 1/8W	1.3kΩ 1/4W	1.6kΩ 1/4W	3kΩ 1/8W	1.3kΩ 1/4W	2.4kΩ 1/8W	4.7kΩ 1/16W
	24V	6.8kΩ 1/4W	2.7kΩ 1/2W	3.6kΩ 1/2W	6.8kΩ 1/4W	2.7kΩ 1/2W	5.1kΩ 1/4W	11kΩ 1/8W
	Current value (reference value)	4	8	6	4	8	4	2