DALI Programmer

Model: BK-CS01-SDL

Device parameters

Supply voltage	5V USB Bus powered
Current consumption	500mA Max.
Int. DALI Bus power	15V/10mA Max.
USB driver,PC/SC driver	Driver free
Interface	USB Full-Speed(12MBit/S)
Indicatiors	LED*5(green/red)+Buzz
Housing material	Anodizing of aluminum alloy
Color	Black

Interface description
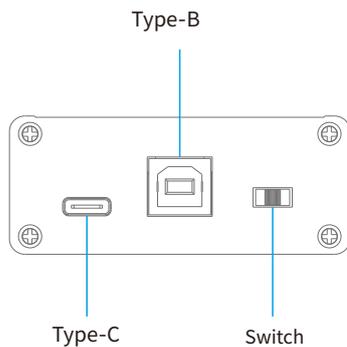
Type-B

Type-C   Switch

USB interface：
Responsible for the power supply and communication of the programmer. It supports Type-B and Type-C interfaces. Only one of them can be used at the same time.

Switch：
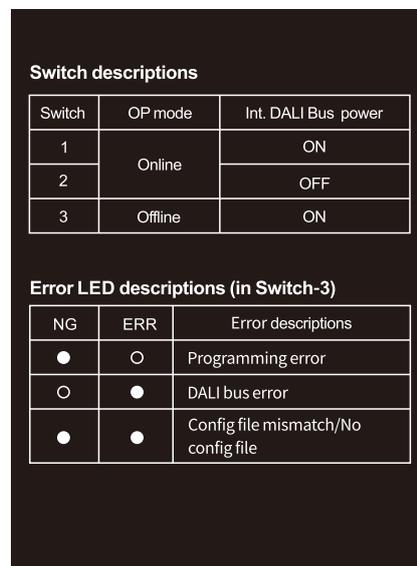Switch the working mode through silder switch, there are two working modes to choose

Switch	OP mode	Int. DALI Bus power
1	Online	ON
2		OFF
3	Offline	ON

Product label

Front label

USB

1 2 3
Switch

○ USB
○ DALI
○ OK
○ NG
○ ERR

DALI Programmer

MODEL: BK-CS01-SDL

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DA1 DA2 DA1 DA2

Buttom label

Switch descriptions

Switch	OP mode	Int. DALI Bus power
1	Online	ON
2		OFF
3	Offline	ON

Error LED descriptions (in Switch-3)

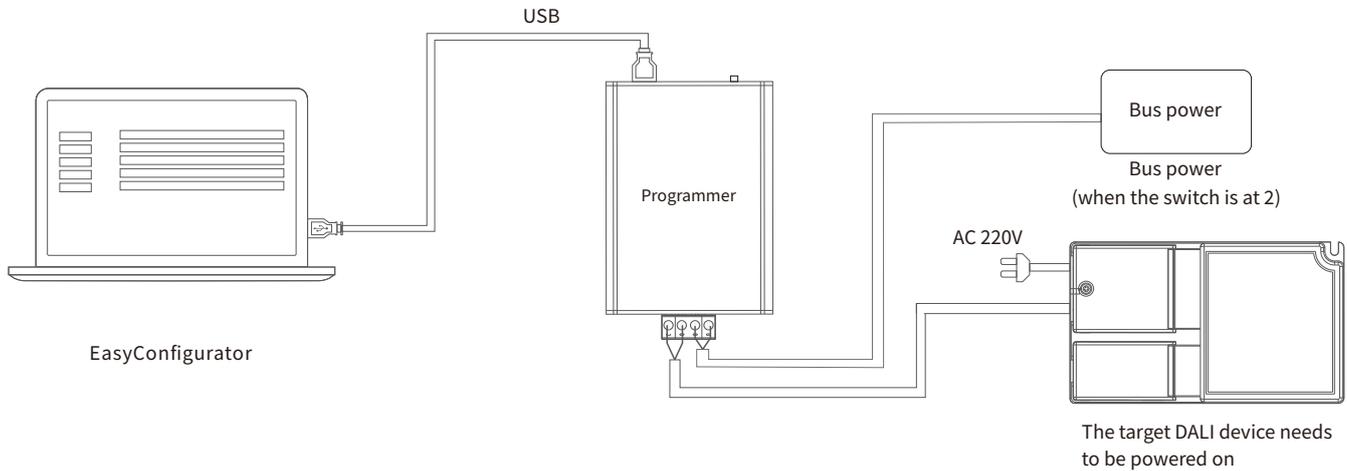| NG	ERR	Error descriptions
●	○	Programming error
○	●	DALI bus error
●	●	Config file mismatch/No config file

Instructions

Online mode

- Programmer is connected to the PC host via a Type-B or Type-C data cable

- Connect DA1 and DA2 of the programmer to the DALI port of the LED driver

- When programming the parameters of the DALI device, it is necessary to power to the DALI device

- If the switch position is at "Switch 2", an external DALI bus power is required

- Set the parameters of the LED driver through the EasyConfigurator software
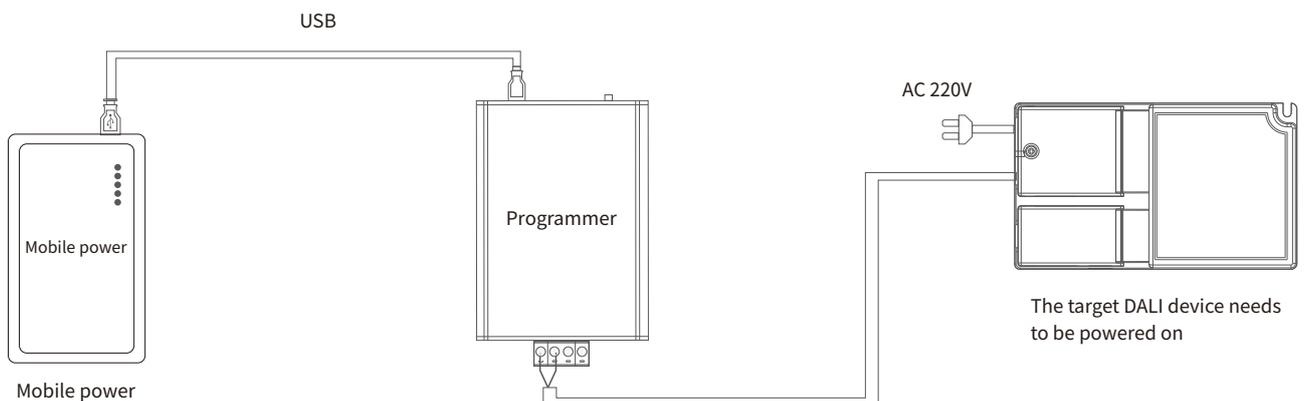

USB

Programmer

Bus power

Bus power
(when the switch is at 2)

AC 220V

EasyConfigurator

The target DALI device needs
to be powered on

Switch1 and switch 2 (Online mode)

USB	DALI	OK	NG	ERR	Buzz	State	Instruction
●	○	○	○	○	0	Power-on	After power on, the USB indicator will be blinking
○	●	○	○	○	0	Connected	Lights up after the driver is connected, flashes during communication
○	○	○	●	○	4	COMM fault	Lights up when communication error occurs
○	○	○	○	●	3	DALI-BUS fault	Lights up when the DALI bus is short- circuited, and the buzzer sounds 3 times

Offline mode

- Power the programmer through the USB data cable(the power supply device can be a mobile power supply or a PC host)

- Connect DA1 and DA2 of the programmer to the DALI port of the LED driver

- When programming the parameters of the DALI device, it is necessary to power to the DALI device

- Download the LED driver configuration parameters preset in the DALI programmer to the LED driver


USB

AC 220V

Mobile power

Programmer

The target DALI device needs
to be powered on

Mobile power

BOKE BOKE Drivers Co.,Ltd.

Switch 3(Offline mode)

USB	DALI	OK	NG	ERR	Buzz	State	Instruction
🟢	⚪	⚪	⚪	⚪	0	Power-on	After power on, the USB indicator light will be always on
⚪	🟢	⚪	⚪	⚪	0	Connected	Lights up after DALI device is connected, flashes during communication
⚪	⚪	🟢	⚪	⚪	1	Programming success	It lights up after programming, and the buzzer sounds onc
⚪	⚪	⚪	🔴	⚪	4	Programming error	It turns on after programming error, and the buzzer rings 4 times
⚪	⚪	⚪	🔴	🔴	10	Invalid configuration file	When there is no configuration file inside DALI Programmer, it will light up and the buzzer will ring 10 times
⚪	⚪	⚪	⚪	🔴	3	DALI-BUS fault	Lights up when the DALI bus is short-circuited, and the buzzer sounds 3 times

Size

Unit:mm

66

92

28

Packaging

Programmer

Packaging

12pcs*2layer=48pcs/CIN
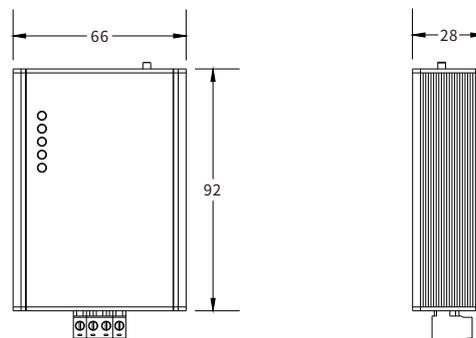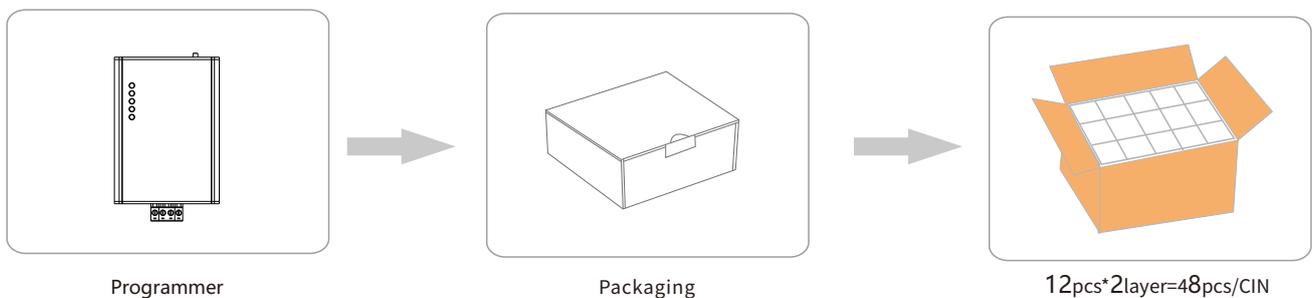
Model	Product size	Weight	Packaging size	Carton size	Qty/carton	N.W	G.W
CS01	L 92*W66*H27mm	144g	L 135*W120*H33mm	L415*W290*H255mm	48pcs	6.91kg	8.41kg

Additional information

1.For more information, please send an email to info@bokedriver.com.