



CB103

Alicloud WiFi& Voice Control LED Strip

—————Product User Manual—————

Product Manual



排座固定盒 Row seat fixing box

注意小箭头 Note the little arrow

对准小箭头 Align the little arrow

遥控器信号接收线 Remote control receiving
signal line

控制器 Controller

灯带 Strip

Product Parameters

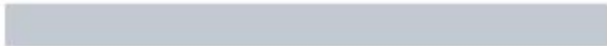
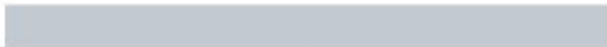
Product Name	BLE+WiFi&Voice control LED strip
Product Model	CB103
Rated Voltage	12V (Input power range 8~16V)
Maximum Load Current	3.2A
Working Temperature	Temperature -10°C-40°C Humidity ≤80%RH
Product Size	59.9*31.2*10 (mm,±0.5)
Wireless Standard	Wi-Fi 2.4GHz 802.11b/g/n

Voice Control

After power on, you can use voice control in any state. Voice control needs to be controlled after waking up. You can use "Hello Cube/Hello Xiaohai/Hello Xiaoke" to wake up the module. After the light strip is fully on and double flashes, it can be operated by voice. The specific command words are as follows:

Command words	Function description
Hello cube Hello xiaohai Hello xiaoke	Wake up word · the following commands need to be used after waking up
Start Pairing	After identification, enter the distribution network mode
Turn on the lights	After identification, the RGB light strips are all on (white)
Turn off the lights	After identification, the RGB light strips are all off
Turn to red	After identification, the light strip turn to red
Turn to orange	After identification, the light strip turn to orange
Turn to yellow	After identification, the light strip turn to yellow
Turn to green	After identification, the light strip turn to green
Turn to cyan	After identification, the light strip turn to cyan
Turn to blue	After identification, the light strip turn to blue
Turn to purple	After identification, the light strip

	turn to purple
Turn to white	After identification, the light strip turn to white
Brightness ten	After identification, the corresponding color light brightness turn to ten
Brightness twenty	After identification, the corresponding color light brightness turn to twenty
Brightness thirty	After identification, the corresponding color light brightness turn to thirty
Brightness forty	After identification, the corresponding color light brightness turn to forty



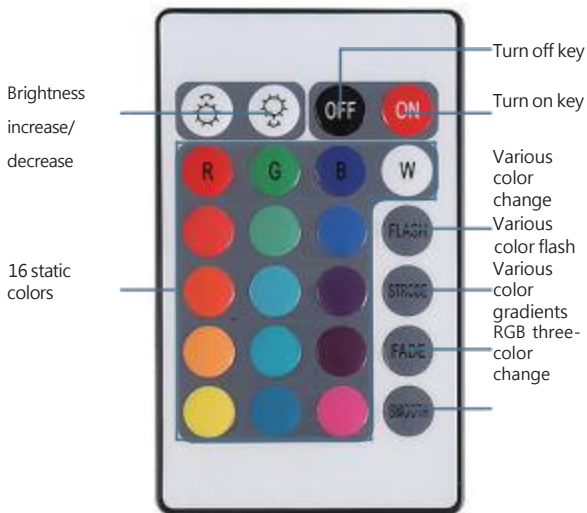
Brightness fifty	After identification, the corresponding color light brightness turn to fifty
Brightness sixty	After identification, the corresponding color light brightness turn to sixty
Brightness seventy	After identification, the corresponding color light brightness turn to seventy
Brightness eighty	After identification, the corresponding color light brightness turn to eighty
Brightness ninety	After identification, the corresponding color light brightness turn to ninety
Brightness one hundred	After identification, the corresponding color light brightness turn to one hundred
Sleep mode	After recognition, the light turn to sleep mode
Cinema mode	After recognition, the light turn to cinema mode
Reading mode	After recognition, the light turn to reading mode
Eye protection mode	After recognition, the light turn to eye protection mode

Exits	After identification, the light strip exits the wake-up identification state
goodbye	Unable to respond to voice control, wake up again

Timeout exits time : 30s. Wake up for multiple interactions at one time. After waking up the device, the device can respond to voice commands multiple times within the timeout period. If there is no response to voice commands within 30s, it will exit the wake-up recognition state.



Remote Control (Optional)



Nerowrk Control

1、Using prepare

Scan to download and install the cloud smart APP, or search for "cloud smart" in the App store or the application store



Turn on the Bluetooth function on the mobile phone, connect the WiFi to the 2.4GHz band WiFi. Open the APP and sign in to the Alicloud account (click to register an account for the first time user)

2、Configure Network

■ Step 1 : add device

To wake up the strip (white light double flash) with "Hello Cube, Hello Xiaohai, Hello Xiaoke", using the offline voice command "Start Pairing" to make the device enter the network configuration state (red light flashes quickly), click "Add Device", the default "Auto Discovery", after discovering the device, click "+" to add device.



■ Step 2 : Configure the network

Enter the router WiFi password and click Next



■ Step 3 : The device name can be customized after added device successfully, click Finish



Indicator light description :

1.Lighting sequence after the device is powered on :
red light on->green light on->blue light on->

All lights on

2. The device was been wake up : White light flashing
3. Enter the distribution network state: Red light flash quickly
4. Try to connect to Alicloud: Blue light always on, red light flashing
5. Connect successfully: Green light always on, then the device restart

3、Function description

■ APP function :

①turn on/turn off the light

②Adjust color brightness

③Scene mode

④Musical rhythm

⑤Local time switch




The name and content of hazardous substances in the product

Hazardous name	Toxic and Hazardous Substances or Elements					
	lead Pb	Mercury Hg	Cadmium Cd	Hexavalent chromium Cr(VI)	polybrominated biphenyls PBB	Polybrominated diphenyl ethers PBDE
plastic parts	O	O	O	O	O	O
Metal	O	O	O	O	O	O
PCBA	O	O	O	O	O	O

O : Indicates that the content of the toxic and hazardous substances in all homogeneous materials of the part is under the limit requirements specified in SJ/TI163-2006 "Limit Requirements for Toxic and Hazardous Substances in Electronic Information Products".


X : Indicates that the content of the toxic and hazardous substances in at least one homogeneous material of the part exceeds the limit requirement specified in the SJ/TI163-2006 standard.

 The numbers in this logo indicate that the environmental protection use period of the product under normal use is 10 years. Some components may also have environmental protection use marks, and the environmental protection use period is subject to the mark.

After-sales policy

- 1.This product implements after-sales service in strict accordance with the “Law of the People's Republic of China on Protection of Consumer Rights and Interests” “Laws of the People's Republic of China on Product Quality” “E-commerce Law of the People’s Republic of China ”.
- 2.The purchase of this product on other platforms such as JD.com, Tmall and Taobao, and follow the relevant after-sales service policies of the platform.
- 3.Please ensure that the quality, function, appearance and complete identification of the products, accessories and gifts are intact. If the product is artificially damaged, the parcel is missing, or the spare parts are missing, the return will not be processed.
- 4.When returning, please present a valid proof of purchase. If you have received the relevant invoice, please return the invoice together.
- 5.If the product has a non-human failure within one year of purchase, the after-sales service center will test and determine that it can be replaced for free.
- 6.Unauthorized repairs, alterations, and man made damages are not entitled to free replacement.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy

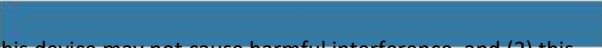


and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:



(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.