

Google、 Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

(Google、 Find my)

Product Specification Document



SECTION		PROTO❖DVT● EVT●PVT● MP●					
PART CODE							
ITEM							
MODEL NAME		C02					
DESCRIPTION		V0.1					
NOTE							
Approved By	PERFORMED			CHECKED		APPROVAL	
	DATE			DATE		DATE	
	NAME			NAME		NAME	
	R&D			R&D		R&D	

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

Version Revision Record

[illegible]

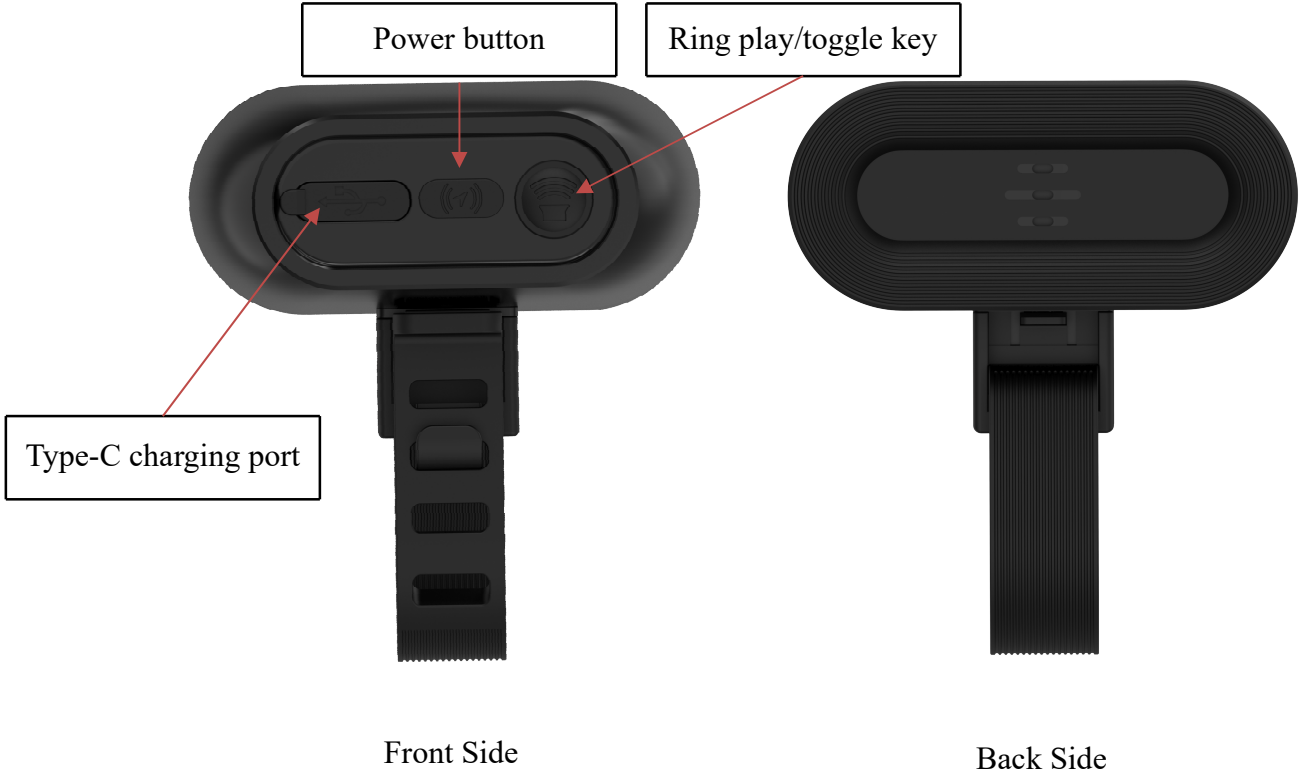
Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

1. Specifications

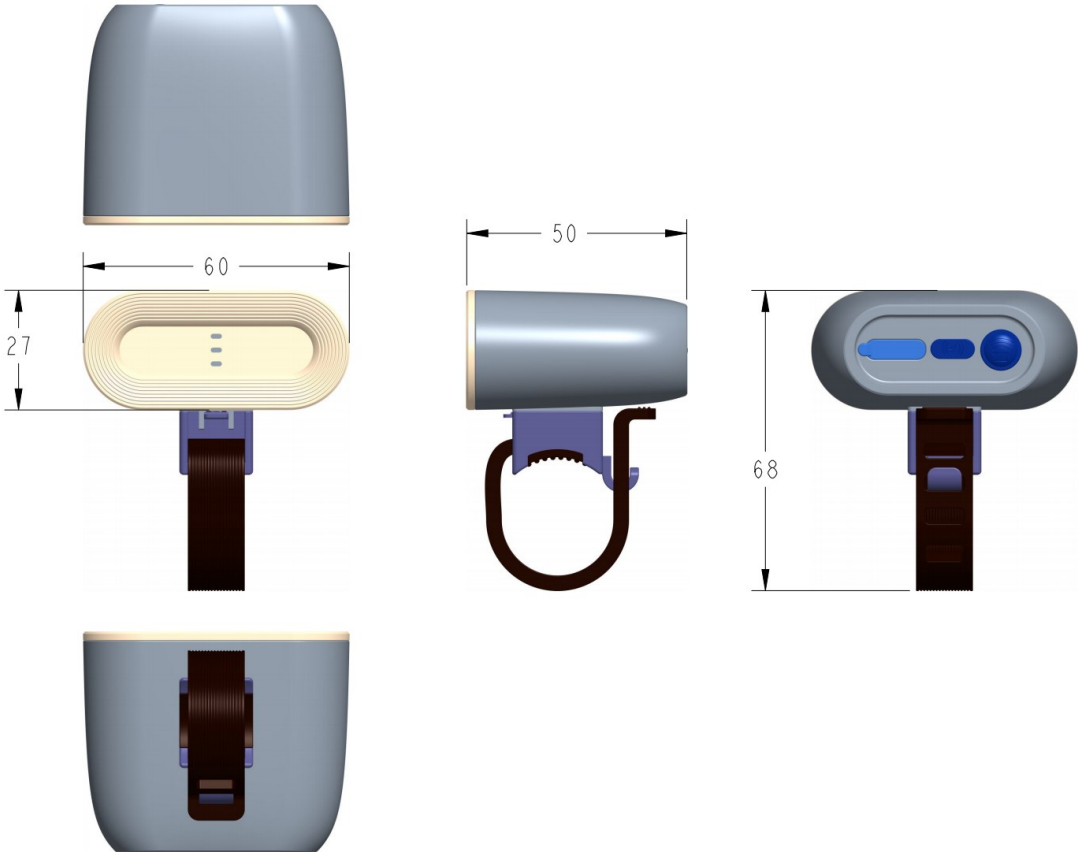
Bluetooth name	
Keyboard type	Mechanical Button
Bluetooth Ver.No	V5.3
Transmission Frequency	2.402GHz~2.480GHz
Bluetooth Profile	BLE/Find My
Transmission Power	4dBm
Wireless Range	≥40m
Battery Parameters	502020 150mAh 0.555Wh 3.7V
Standby Time	6-8months
Standby Power Consumption	0.0000222W
Product Size Specifications	L*W*H Approximately 60*50*68mm
Product Weight	Approximately 32.5g
Buzzer Drive Mode and Parameters	Buzzer(Ø 20*0.22mm 4.7KHZ)
Buzzer Volume	Approximately 90dB~100dB
Share Device Contacts Maximum number of supported	5 sets
Mobile System Compatibility	1.iPhone, iPad, iOS 14.5 or later, iPhone 8 + models, single device binding limit (32pcs) 2. Android smartphones with Google Play support and Android 9.0 and above
Encapsulation Method	Plastic enclosure
Operating and Storage Temperature	-10--65°C/-20--75°C
Color	Black

Google、 Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

2. Functional Operation Location Schematic Diagram



3. CMF



Please note that in case of version updates,no prior notice will be given

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

4. Functional Operation Instructions

I. Google Search Instructions

No	Function Operation	Current Status	Test Steps / Description / Input / Operation	Prompt Tone	Indicator Light
1	Power On	Power Supply	Press and hold the key for about 2s, and the device will emit a "beep" prompt tone and release it. The device will enter pairing mode, and timeout will occur for 2 minutes. (Note: Google pop-up window, if not temporarily connected, do not click "Close", click "Close" after 5 minutes or restart the phone will pop-up window again)	Beep	None
2	Device Binding	Bluetooth Pairing	Google: Before adding a device, make sure your phone: Location is turned on; Bluetooth is turned on; connected to the Internet; signed in to Google; Google Find My Device is turned on. Open the downloaded "Find Center" APP, press the 2s device button for a long time, the device emits a "beep" prompt tone, and the device is successfully powered on. Bring the successfully powered device closer to the phone. Within seconds, a dialog box with the name and picture of the device pops up at the bottom of the phone screen. In the pop-up dialog box, click the Connect button. The phone pops up the "Use Restriction Policy" dialog box, click the "Accept and Continue" button, and the device establishes a connection with the phone. The device emits a "beep" prompt, and the phone pops up a dialog box indicating completion. The device is successfully added to the search center. iOS: open apple's own find app. Bring the device closer to your iPhone, tap the Items tab, select Add New Items, click Additional Supported Items, select the device with this product model, and click Connect. Add Item Name and choose an emoji. Agree to register your device with your Apple ID. Click "Finish" to bind successfully.	Beep Beep	None

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

3	Remove Device	Bound	iOS: Place the device next to the phone, tap to play the sound once, after confirming that the connection is normal, click to remove items on the APP, after the removal is successful, the device will emit a "Beep Beep" prompt sound and enter the pairing mode, 2 minutes timeout; Google: Place the device next to the phone tap to play the sound once, after confirming that the connection is normal, click Remove item on the APP, after the removal is successful, the device will emit a "Beep Beep" prompt and turn off. (Note: Google will shut down after removal, and you need to restart the computer if you need to connect) iOS: Put the device next to the mobile phone, click once to play the sound, confirm that the connection is normal, click Remove Item on the APP. After successful removal, the device will send out a "beep" prompt and enter pairing mode, 2 minutes timeout; Google: Put the device next to the phone, click once to play the sound, confirm that the connection is normal, click to remove the item on the APP. After successful removal, the device will give a "beep" prompt and shut down. (Note: Google will shut down after removal, if you need to connect, you need to restart)	Beep BeepBeep ; Beep Beep Beep	None
4	Factory Reset	Power On	Long press the button, do not let go after hearing the continuous "Beep, Beep, Beep, Beep" prompt sound, continue to hold it, release it after hearing a "long Beep" prompt sound, and successfully restore the factory state to enter the pairing mode (the whole process is about 10s), and the 2-minute timeout is over. (Note: You need to let go after the long prompt sounds)	Beep、 Beep、 Beep、 Beep、 Beep、 Beep、 Beep---	None
5	Power Off	Power On	Press and hold the key for about 7s, and the device will release the prompt tone of "BeepBeep Beep"	Beep、 BeepBeep、 BeepBeep Beep	None
6	Find device	Play beep sound	iOS: Click the bell on the APP, and the device continuously emits a "12 beep" prompt tone for about 10s; Google: Click the bell on the APP, and the device continuously emits a "beep" prompt tone for about 1 minute (press the device button for about 2 seconds to stop the bell).	Beep-beep-beep; beep-beep. (lasts 1min)	None

Google、 Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

II. Car bell function operation instructions

No	Function Operation	Current Status	Test Steps / Description / Input / Operation	Prompt Tone	Indicator Light
1	Play the ringtone	Power Supply	Click the Ringtone Play button to play the electronic ringtone	Electronic ringtones	None
2	Toggle Ring	Power Supply	Long press the ringtone play key to switch the ringtone	Six kinds of electronic ringtones are switched cyclically	None

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

5. Google Find Connection Description

how to pair

Note: The requirements of this device for mobile phones are: Android smartphones supporting Google Play service and Android 9.0 or above



图 1



图 2



图 3



图 4

Device Binding APP

(1) Before you start, make sure your phone :

- Open position information;
- Bluetooth enabled;
- connected to the Internet;
- Log in to Google account;;
- Google Find My Device feature is turned on.

(2)Open the downloaded Find Center APP, as shown in Figure 1.

(3) Press the key for about 2s, and the device will emit a beep, and the device will be powered on successfully.

(4)Bring the successfully powered device closer to the phone.

(5)Within a few seconds, a dialog box with the name and picture of the anti-loss device will pop up at the bottom of the phone screen, as shown in Figure 2.

(6)In the pop-up dialog box, click the “Connect” button.

(7)The phone pops up the "Use Restriction Policy" dialog box, as shown in Figure 3, and click the "Accept and Continue" button.

After that, the device establishes a connection with the mobile phone.

(8) The device emits a beep, and the phone pops up a dialog box as shown in Figure 4. The device is successfully added to the search center.

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

6. Find instructions

No	Function Operation	Current Status	Test Steps / Description / Input / Operation	Prompt Tone	Indicator Light
1	Power On	Power Supply	Short tap to hear 1 melody cue to enter pairing mode	Beep	None
2	Device Binding	Bluetooth Pairing	Open the Apple "Find My" app. Bring the device close to your iPhone, tap "Item" label, select "Add New Item", tap "Other Supported Items", choose the device with this model number, tap "Connect". Add "Item Name" and select an emoji. Agree to register the device to your Apple ID. Tap "Done" to complete binding.	Beep	None
3	Remove Device	Bound	Open the Apple "Find My" app, tap "Item", then tap the item's name. At the bottom of the list, find "Remove Item", tap "Remove" to complete the operation, wait for the device to emit a prompt tone, removal successful.	Double Beep	None
4	Factory Reset	Power On	Double-click the device button and hear a beep, Continue to press the button for 5 seconds, the device starts to ring once per second, ring 5 times, keep pressing the button, release immediately when you hear two beeps, If successful, the device beeps four times	A short beep、 Two short beeps、 Three short beeps、 One long beep	None
5	Power Off	Power On	Double-click the key of the device, hear a beep, press the button for a long time, 5 seconds later, the device sounds the beep again, and then release it. If it succeeds, the device sounds two beeps.	A short beep、 Two short beeps、 Three short beeps	None
6	Find Device	Play Buzzer Sound	Click the bell on the APP, and the device continuously emits pleasant melody sounds for about 10s.	Beep, Beep, Beep...	None

Important Notes:

- When pairing the device with the "Find My" app, it requires connection to the Apple server. If pairing fails, it is usually because your network cannot connect to the Apple server. Suggested actions: Use the FindMy app on iPod touch, Mac, or FindItems app on Apple Watch to locate compatible personal items on the map.
- Simply pair your compatible product with the Apple FindMy app to view it with your Apple devices. If your item is lost, you can put it in lost mode to display a message and contact information to anyone who might find it.
- The FindMy network is encrypted and anonymous, so no one, not even Apple, can view its location.

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

7. Find Connection Description

How to pair

Note: It is recommended to use the latest version of iOS or macOS.



(图1)



(图2)



(图3)

- 1.1 Place the device next to your Apple device (e.g. iPhone);
- 1.2 Turn on Bluetooth on your Apple device (such as iPhone) and connect to the Internet;
- 1.3 Press and hold the 3S button to hear a beep to connect to the power;
- 1.4 Open the Find My application;
- 1.5 In the Find app, tap Add Item - Other Supported Items. As shown in Figure 1;
- 1.6 Click "Connect", as shown in Figure 2;
- 1.7 Name your device and choose a meme. As shown in Figure 3, click "Continue";
- 1.8 Find My asks if to add the device to Apple ID, click Agree;
- 1.9 Click "Done" to complete the pairing.

Solutions that cannot be paired

1. Make sure your Apple device's Bluetooth is turned on
2. Make sure the anti-lost device is turned on and close to your Apple device
3. Make sure the anti-loss device is not connected to other Apple devices
4. Make sure iOS, iPad OS version is 14.5 and above, Apple officially recommends using the latest version of iOS
5. If the previous steps still fail to add, factory reset the Lost Protector.
6. Replace the battery

Google、Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

8.Reliability Standards

NO	Test Item	Test Conditions
1	Low Temperature Storage	Place the unboxed product in a -30° C chamber, power off, and maintain for 48 hours. After the test, recover at room temperature for 2 hours and check for any functional or appearance abnormalities.
2	High Temperature Storage	Place the unboxed product in a 70° C chamber, power off, and maintain for 48 hours. After the test, recover at room temperature for 2 hours and check for any functional or appearance abnormalities.
3	High Temp&Humid storage	Temp:50°C, Humid.:90%RH Time: 72Hrs Unit: Power off
4	High temp Operating	Temp:50°C, Time: 24Hrs Unit: Power on
5	Low temp Operating	Temp:-20°C, Time: 24Hrs Unit: Power on
6	IP Rating Requirement	Meets IPX6 requirements
7	Random Free fall test	Drop height 1.5m onto concrete surface; Drop times: 6 times; Check structure and acoustic functions
8	Alcohol test for surface painting	95%above alcohol; Load force: 500g, duration 10 times
9	RandomFree fall test of carton box	The packaged box, with complete products and accessories as per shipping configuration, is dropped from a height of 0.75 meters onto concrete. After the test, check the packaging, product functionality, and appearance.
10	Vibration test of carton BOX	The packaged box, with complete products and accessories as per shipping configuration, is fixed on a vibration tester. Use frequency: 50HZ 6dB; 100HZ 0.02G2/HZ; 1000HZ 0.02G2/HZ; 2000HZ -6dB, X/Y/Z three axes each vibrate for 2 hours. After the test, check the packaging, product functionality, and appearance.

9.Product Certification

I.Find My

II.Google

Google、 Find my car bell	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-C02-001
	Product Specification Document	Version number	V0.1

10. Quality Acceptance Standards

Inspection Conditions

- 1. Temperature and Humidity:Inspected at natural temperature and humidity
- 2. Inspection Environment:No high-power radio interference signals nearby
- 3. Light Intensity: (400~700lux)
- 4. measure distance: 25cm

FCC Statement

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. 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.