

Find My Radar anti-loss device	Shenzhen Guo-link Technology Co.,Ltd.	Reference	GL-TX17-001
	Product Specification Document	Version number	V0.1.1

Product Specification Document



SECTION	PROTO <input checked="" type="checkbox"/> DVT <input type="checkbox"/> EVT <input type="checkbox"/> PVT <input type="checkbox"/> MP <input type="checkbox"/>					
PART CODE						
ITEM	Dragon tag					
MODEL NAME	TX17					
DESCRIPTION	V0.1.1					
NOTE						
Approved By	PERFORMED		CHECKED		APPROVAL	
	DATE		DATE		DATE	
	NAME		NAME		NAME	
	R&D		R&D		R&D	

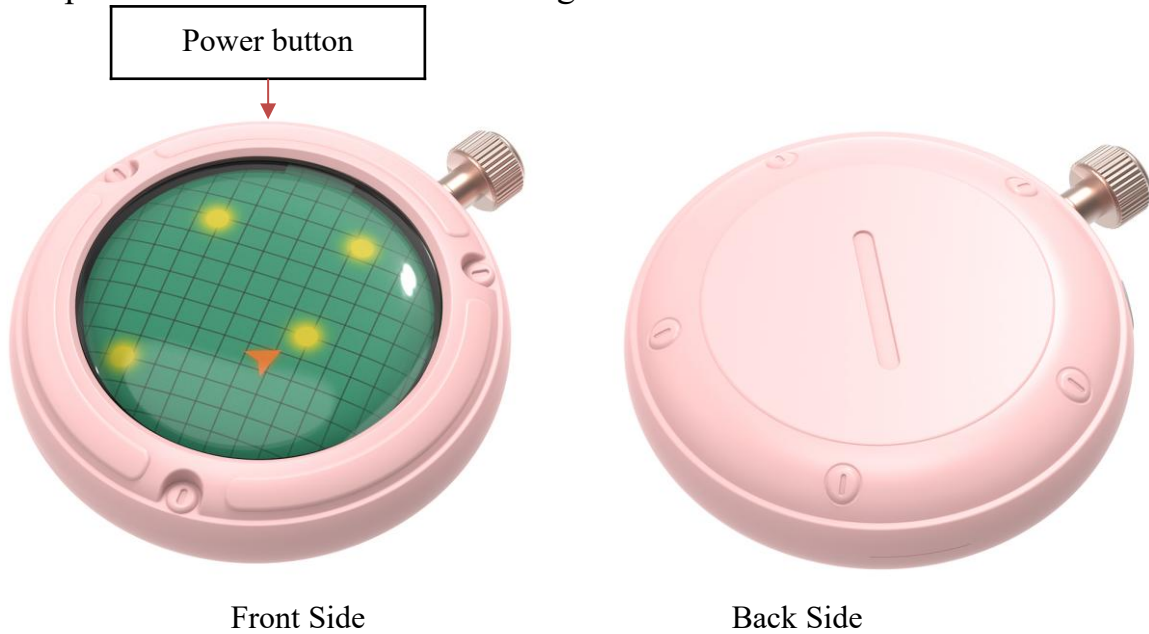
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1. Specifications

Bluetooth name	Dragon tag
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	CR2032 230mAh 3V 3.1g
Standby Time	10-12months
Standby Power Consumption	0.000006W
Product Size Specifications	L*W*H Approximately 42*35.9*10.2mm
Product Weight	Approximately 8.2g
Buzzer Drive Mode and Parameters	Buzzer(7.5*7.5*2.5mm 2.7KHZ)
Buzzer Volume	Approximately 60dB~70dB
Share Device Contacts Maximum number of supported	5 sets
Mobile System Compatibility	iPhone, iPad, iOS 14.5 or later, iPhone 8 + models, Single device binding limit (32pcs)
Encapsulation Method	Plastic enclosure
Operating and Storage Temperature	-10--65°C/-20--75°C
Color	White,Black(customizable as per requirements)

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2. Functional Operation Location Schematic Diagram



3. Functional Operation Instructions

No	Function Operation	Current Status	Test Steps / Description / Input / Operation	Prompt Tone	Indicator Light
1	Power On	Power Supply	Long press the switch/function button for about 2 seconds, hear 1 beep, the device is powered on	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	Hold the button until you hear 1 beep, then 2 consecutive beeps, followed by 3 consecutive beeps. Continue holding for 5 more seconds. When you hear a long beep, release the button, the device will reset to factory settings.	A short beep、 Two short beeps、 Three short beeps、 One long beep	None

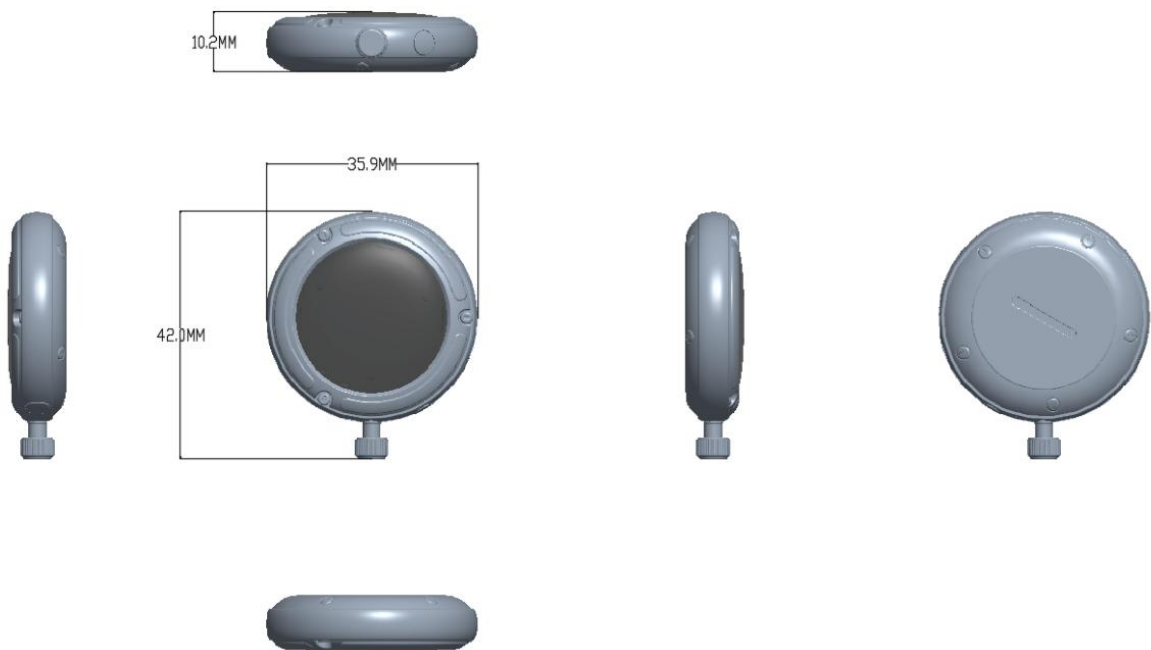
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5	Power Off	Power On	In the power-on state,press and hold the function button for about 6 seconds,you will hear 1 beep,then 2 consecutive beeps,followed by 3 consecutive beeps,then release the button.	A short beep、 Two short beeps、 Three short beeps	None
6	Find Device	Play Buzzer Sound	Tap the phone's play sound function	Beep,Beep,Bee p...	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.

4. CMF



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5. 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 IPX5 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.

6. Product Certification

I. Find My

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7. 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