



# ACETECH BIFROST BT Tracer Unit User Manual

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**ACETECH**

## ACETECH BIFROST BT Tracer Unit



### Product Information

The Bifrost BT is a tracer unit and flame simulator for airsoft guns. It is compatible with both iOS and Android devices via Bluetooth. The product comes with a Type C charging cable, an Allen key, an adaptor, and a user manual. The Bifrost BT has two main functions: tracer mode and flame mode. In tracer mode, each shot of tracer BBs gets emblazed, and there are two tracer mode options: standard tracer mode and sniper tracer mode (available on the app only). In flame mode, there are five modes to choose from: off, mono flame, Bifrost, dynamic multilayer, and rainbow. The flame LED renders the beam/flame with the switched color.

### Product Usage Instructions

#### Safety Precautions

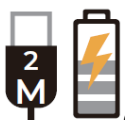
To avoid the risk of high voltage circuit electrical shock, please disassemble Bifrost BT. Do not look into the gun barrel to avoid accidental discharge of BB gun which may lead to bodily harm or disability.



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Do not look into the gun barrel to avoid accidental discharge of BB gun which may lead to bodily harm or disability.






Charge the battery at least every 2 months when the tracer is not used to avoid completely discharging the battery. The defect of completely discharging the battery is not covered by warranty.

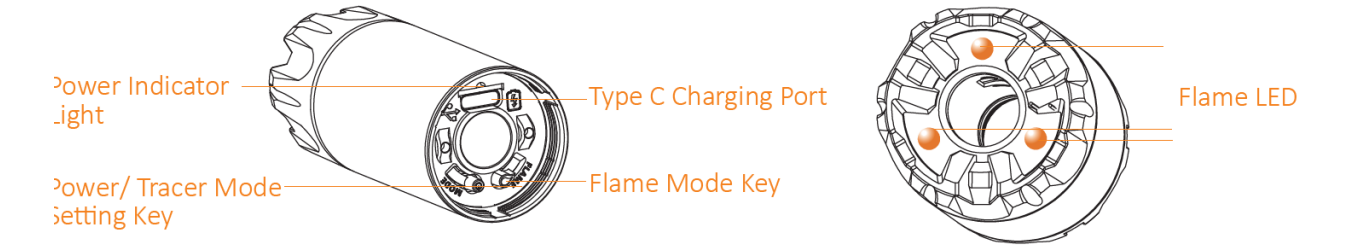


Does not support Gel BBs.

Contents

				
Bifrost BT x 1	User Manual x 1	Type C Charging Cable x 1	1.5 mm Allen key x 1 (also for tightening the adaptor)	Adaptor x 1 M14- to M11+




Feature Locations



Product Instruction

1. Tracer Se?ng Key:

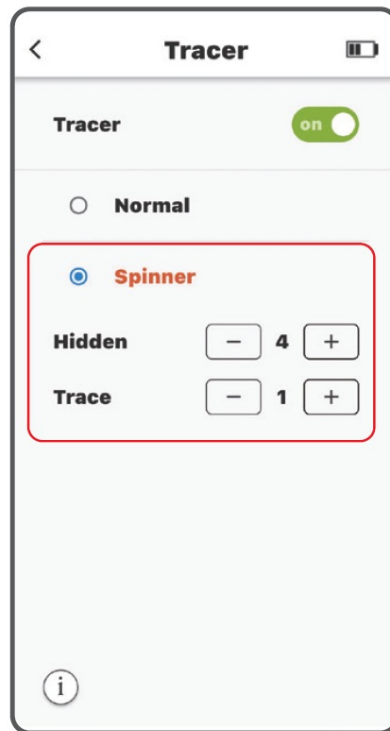
- Click the Tracer Set. Key to power-on / off . (**On**: a long beep/ **Off**: long and short beep)
- Long-press Tracer Set. Key for 6 sec. to switch to the tracer modes. The list of alert as follows:**

Warning Tone	Illustration	Functions (Default settings: Standard Tracer Mode) Automatically recall last settings
Beep Once		Standard Tracer Mode- each shot of tracer BBs gets emblazed
Beep Twice		Sniper Tracer Mode is available on APP only. Note 1 & Note 2
Beep Three		Turn off tracer function Note 3

**Note 1:** In Sniper Tracer Mode, the flame effect turns inactivated to avoid geting sniper exposed.

**Note 2:** The details of the sniper mode are set by the APP, as shown in the red frame area as photo shown.

**Note 3:** When both tracer and flame function are off, the Bifrost BT will automa?cally turned off a?er 1 min. (Bifrost BT will back to default se?ngs a?er restart.)



## 2. Flame Mode Key:

Click the Setting Key once to switch to the next mode, **There are 5 modes in total, and loops in the following sequence:**

Mode	Function and LED	Remark
<b>Off</b>	5 Beeps for Flame function off.	Click the Flame mode key again and go back to Mono flame mode Note2 / Note3
<b>Mono Flame</b>	The flame LED flashes the color of the mode switched to with a beep.	The flame LED renders the beam/flame with the switched color Note1 / Note2
<b>Bifrost</b>	The flame LED flashes white for twice with two beeps.	The flame Led renders the flame with the rainbow-colors and emblaze the BBs track into rainbow-colored beams. Note1

Mode	Function and LED	Remark
<b>Dynamic</b>	The flame LED flashes white for three times with three beeps.	<ol style="list-style-type: none"> <li>1. Bifrost BT changes the flame color for once in every 0.5 second during shooting. When the shooting is paused, the flame color settings stay at the last changed color until the next shot.</li> <li>2. The 7 colors is the aximum for Dynamic Rainbow mode Note1 / Note2</li> </ol>
<b>Multilayer</b>	The flame LED flashes white for four times with four beeps.	<ol style="list-style-type: none"> <li>1. The flame LED renders the multilayer beam with the set colors</li> <li>2. The 7 layers is the maximum for Multilayer mode Note1 / Note2</li> </ol>

**Note 1:** When tracer mode is on and using tracer BBs, the flame color will be blended by fluorescence

**Note 2: Colors and layers of flamer setting by APP, as shown below:**

**Note 3:** When both tracer and flame function are off, the Bifrost BT will automatically turned off after 1 min. (Bifrost BT will back to default settings after restart.)

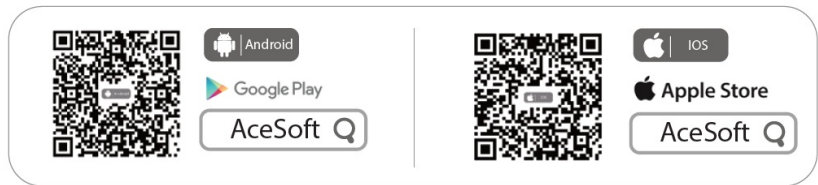


### APP Operation Instructions

The Bifrost BT can be controlled through an app available for both iOS and Android devices. The app allows users to control the sniper tracer mode and set colors and layers for the flame mode.

#### 1. Install AceSo? APP to connect:

- Scan the QR code below to download APP

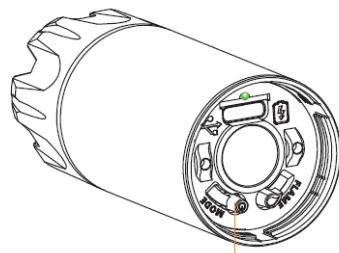


### Reminder:

After downloading APP by using Android system, the system will display the information Will you permit "AceSoft" to access the location information of this device? and "AceSoft" requests to activate Bluetooth function Please click Permit .



- B. Turn on the Bifrost BT Tracer

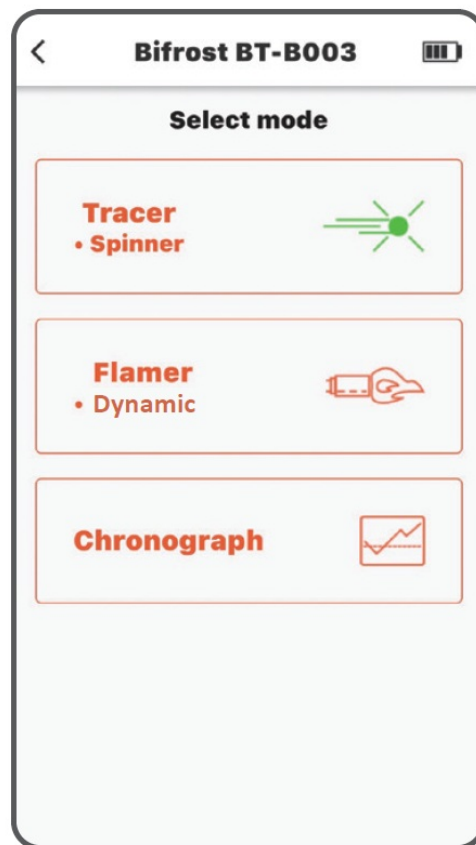


Power/Tracer Setting Key

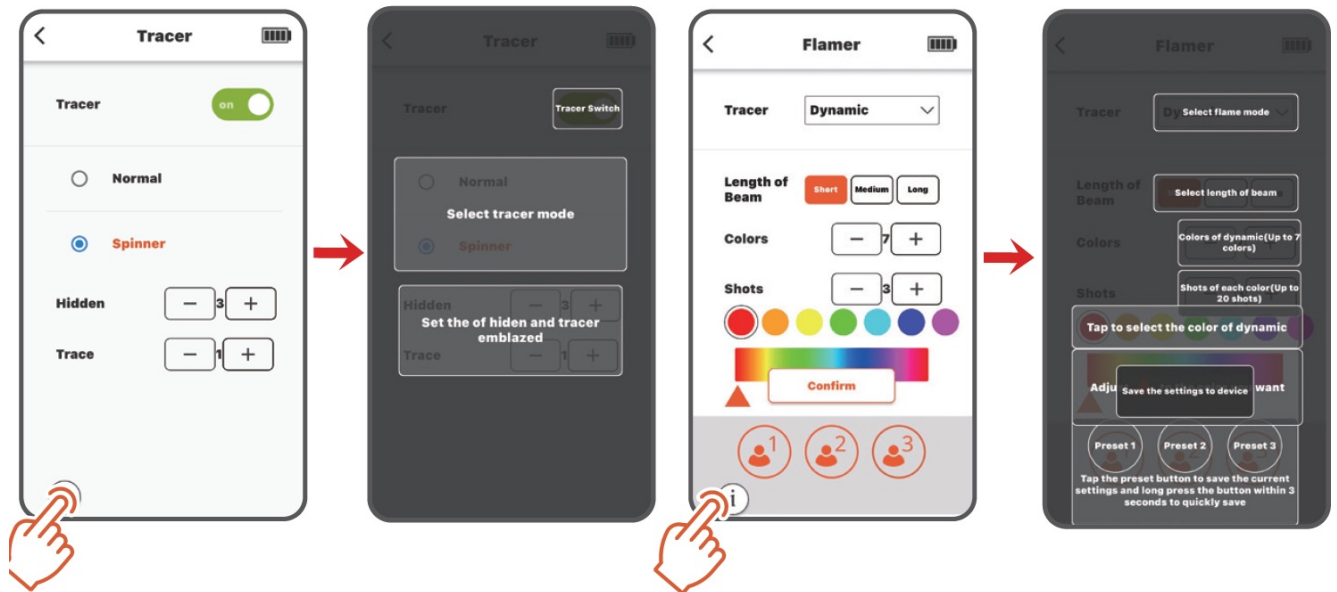
- C. Make sure the mobile device Bluetooth activated, then run the App, the app displays the following picture. and click the Tracer Setting Key to connect the mobile device.

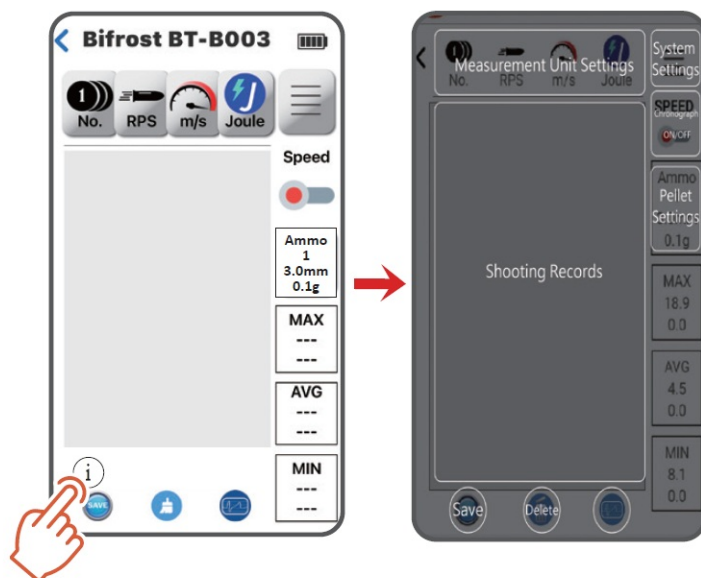


2. Select the function to detail seting



3. Tap ti o check the instructions in “Tracer” “Flamer” “Chronograph” function pages

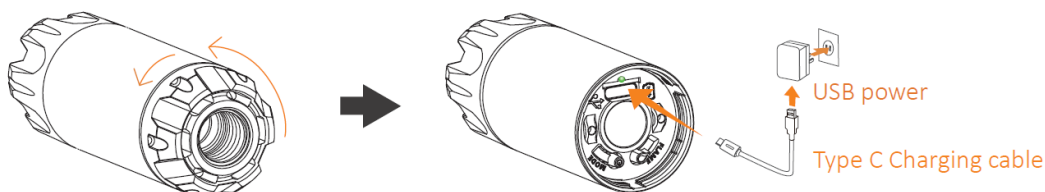




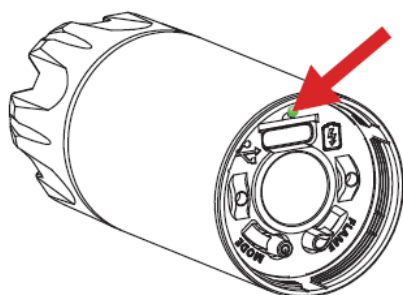
## Charging Instructions

Charge the battery at least every 2 months when the tracer is not used to avoid completely discharging the battery. The defect of completely discharging the battery is not covered by warranty.

1. Unscrew the muzzle cap and charge the Bifrost BT with a Type C cable for at least 3 hours on the first use to ensure best performance of the battery.

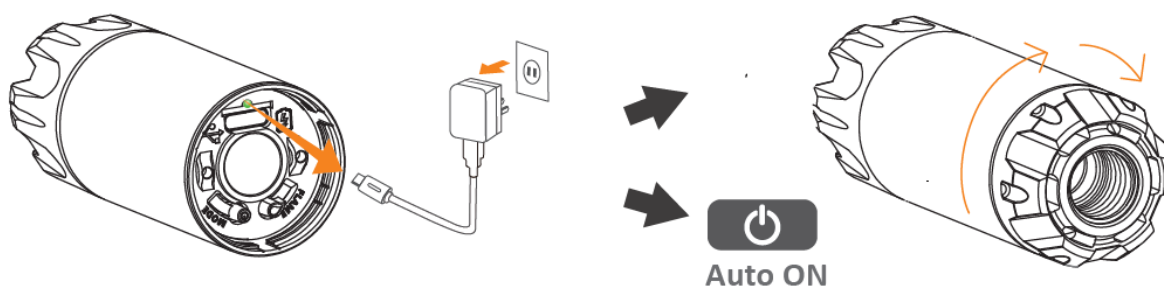


2. Indicator Light breaths during charging, and goes off when charging is completed. Breathing light reflects progress of charging:



- Red: 0% ~ 30%
- Orange: 30% ~ 60%
- Green: 80% ~ 99%

3. Bifrost BT switches ON/OFF automatically when the charging cable gets plugged/unplugged.

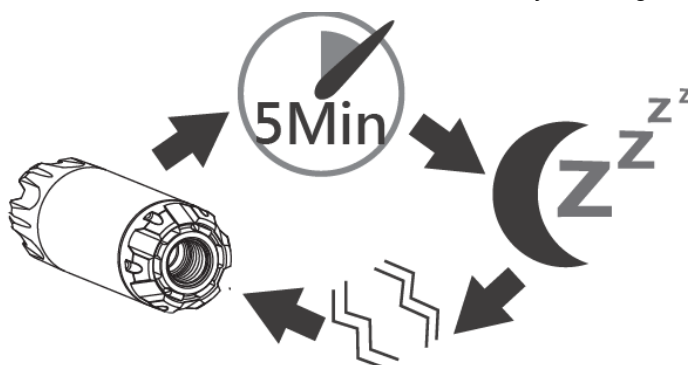




## Intelligent Power Control

When both tracer and flame functions are off, the Bifrost BT will automatically turn off after 1 minute. The product will return to default settings after restart.

1. Bifrost BT enter sleep mode while idle for over 5 minutes and awake by shaking.

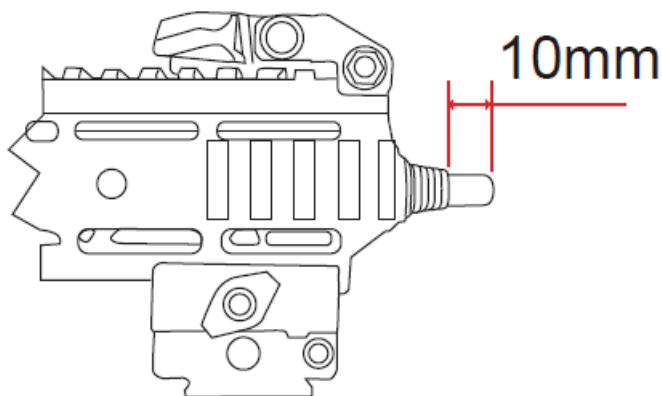


2. Low Battery Force Power Off: the indicator LED flashes red, 3 flashes from the flame LED with 3 beeps to indicate the battery level is too low and shutdown.

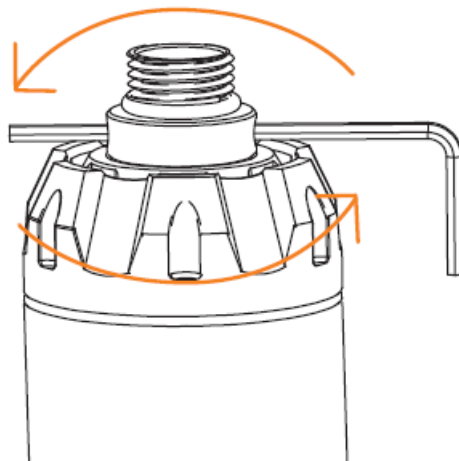
## Product Installation

The Bifrost BT can be installed on airsoft guns using the M14- to M11+ adaptor provided in the package.

1. Make use the barrel length after the screw thread is less than 10mm, or the barrel will  
1. Make use the barrel length after the screw thread is less than 10mm, or the barrel will



2. Use the Allen key to tighten the adaptor when attach Bifrost BT for airsoft gun with M11 CW barrel.



## Self-Test Mode

**Step 1:** In off status, press Tracer Set. Key for 6 seconds then release.

**Step 2:** When Bifrost BT enters self-test mode, the Blue LED and Flame LED will take turn flashing.

**Step 3:** Results are indicated by Tracer Indicator Light. Complete: Indicator turns green.

**Incomplete:** Indicator turns red.

**Note 1:** Check the Tracer and Power indicator light is green, then perform the self-test in the off state. **Note 2:** In the case indicator turns red, clean the inner tube and test again.

## Specifications

- Supports standard BBs and green/red tracer BBs.

Note: Tracer Mode is available for Green/ Red Tracer BBs.

- Supports up to 35 RPS continuous rounds.
- Battery: Li-Ion, charging time 2.5 hours.
- **Trace usage in a full charged battery:**

Mode	Light times
Tracer	24000
Tracer with flame	12000
Flame	12000

- LED power and battery indicator.
- Certificates: FCC CE ROHS.
- Dimension: Diameter 32 mm, length 90mm.
- Weight: 75g (excluding adaptor).
- SN: 12345678 1234
- Does not support Gel BBs
- All the specific actions and contents are only for references, please make the object as the standard, and in this manual are subject to change without notice.

## Warranty

1. The defect of completely discharging the battery is not covered by warranty.
2. Warranty does not include damage from incorrect usage, external force.
3. Any incorrect usage caused liquid intruding inside will be not covered by the warranty.
4. Please refer to Acetech official website for the detailed warranty date.



## FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.
- 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 not expressly approved by the grantee of this device 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

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

[www.acetek.com](http://www.acetek.com)




acetek007



Made In Taiwan



Documents / Resources

	<a href="#">ACETECH BIFROST BT Tracer Unit</a> [pdf] User Manual 0PAT0710, 2AVZW0PAT0710, 2AVZW0PAT0710, BIFROST BT Tracer Unit, BIFROST BT, Tracer Unit
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References

-  [Acetech | Light Up Your Game!](#)