

# BIFROST BT

## User manual



P01~P19

EN

P21~P39

ZH

P41~P61


JP





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## Safety and 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.

 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.

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.

## 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)

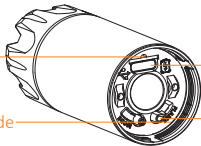


Adaptor x 1  
M14- to M11+

## Feature Locations

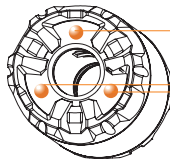
Power Indicator  
Light

Power/ Tracer Mode  
Setting Key



Type C Charging Port

Flame Mode Key






Flame LED

## Product Instruction

### 1. Tracer Setting 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:

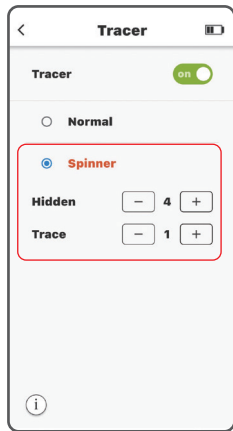
| Warning Tone | Illustration  | Functions   |
|--------------|---|---|
|              |   | (Default settings: Standard Tracer Mode) Automatically recall last settings |
| Beep Once    |  | Standard Tracer Mode- each shot of tracer BBs gets emblazed                 |
| Beep Twice   |  | Sniper Tracer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

EN

Note 1: In Sniper Tracer Mode, the flame effect turns inactivated to avoid getting 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 automatically turned off after 1 min.  
(Bifrost BT will back to default settings after 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<br>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<br>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.<br>Note1 |

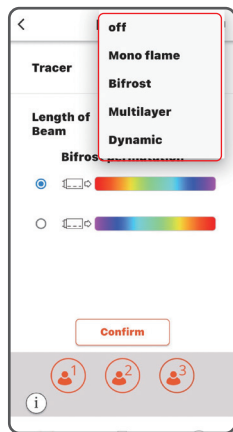
| Mode              | Function and LED  | Remark  |
|-------------------|---|---|
| <b>Dynamic</b>    | The flame LED flashes white for three times with three beeps. | <ol style="list-style-type: none"> <li>1. Bifrost BT changes the flame color for once in every 0.5 second during shooting.<br/>When the 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<br/>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<br/>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

### 1. Install AceSoft APP to connect:

A. Scan the QR code below to download APP



AceSoft



Google Play

AceSoft Q



Apple Store

AceSoft Q

#### 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 】 .



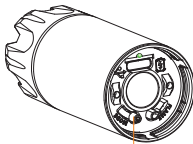
Will you permit “AceSoft”  
to access the location  
information of this device?

Permit

“ AceSoft” requests to activate  
Bluetooth function.

Permit

B. Turn on the Bifrost BT Tracer

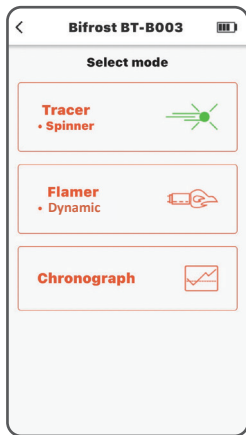


Power/Tracer Setting Key

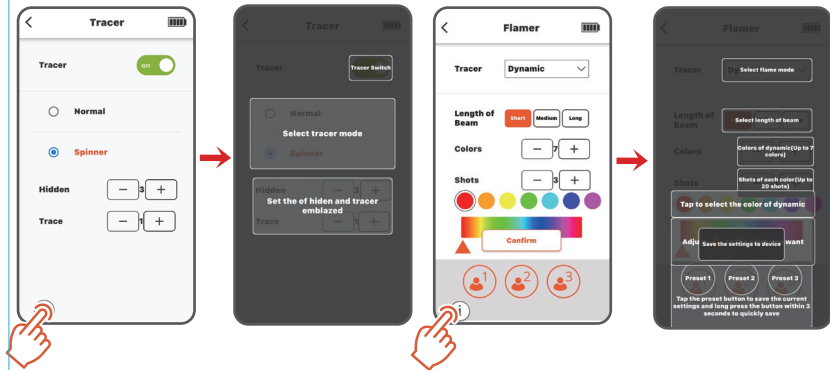
C. Make sure the mobile device Bluetooth activated, then run the App, the app displays the following picture. and click the Tracer Setting Key to connect the mobile device.

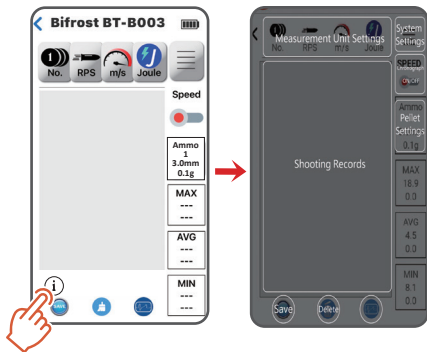


## 2. Select the function to detail setting



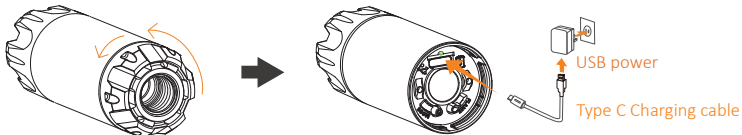
### 3. Tap to check the instructions in "Tracer" "Flamer" "Chronograph" function pages



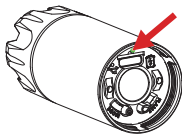


## Charging Instructions

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.

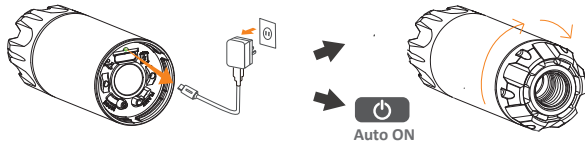


2. Indicator Light breaths during charging, and goes off when charging is completed. Breathing light reflects progress of charging:



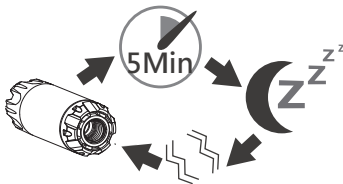
- Red: 0% ~ 30%
- Orange: 30% ~ 60%
- Green: 80% ~ 99%

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



### Intelligent Power Control

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

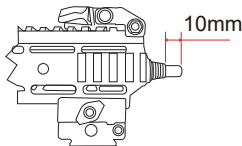


2. Low Battery Force Power Off: the indicator LED flashes red, 3 flashes from the flame LED with 3 beeps to indicate the battery level is too low and shutdown.

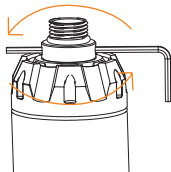


## Product Installation

1. Make use the barrel length after the screw thread is less than 10mm, or the barrel will cover the sensor of Bifrost BT and cause malfunction, in this case, there is warning of 3 flame LED flash in every 2 seconds, and Bifrost BT will be forced shut down after 3 consecutive times of warning.



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.

## Specification

✂ 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).

## 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 provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.



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



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