



AC6000 BT AC6000 MKII

CHRONOGRAPH

User Manual



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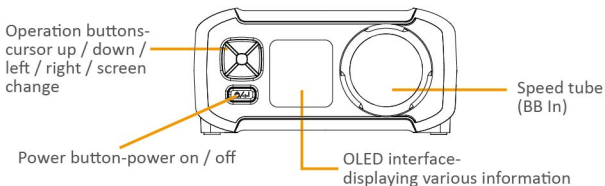


1 Product introduction

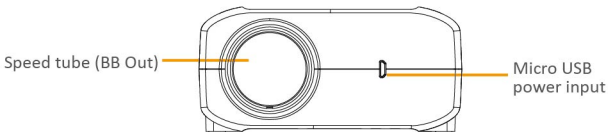
- AC6000BT is a high-quality and high-accuracy BB projectile speed meter, and its models are AC6000 MKII, AC6000 BT and AC6000 BT luxurious edition; The details are as follows:

| | AC6000 MKII | AC6000 BT | AC6000 BT (luxurious edition) |
|------------|-------------|-----------|----------------------------------|
| Bluetooth | ✗ | ✓ | ✓ |
| Tachymeter | Plastics | Plastics | Aluminum |
| Cloth box | ✗ | ✗ | ✓ |

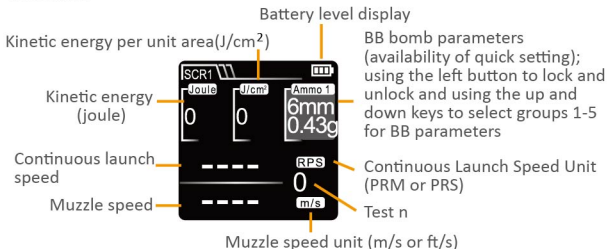
- Using 128x128pixel OLED as display interface to provide detailed information of test data



- Providing micro USB power input, rechargeable



- SCR1: Speed measurement screen, providing speed, ROF continuous transmission speed, kinetic energy test data and AMOO quick selection



※ When measuring ROF speed, you must fire more than 10 rounds to measure the ROF value.

- SCR2 provides 25 latest continuous firing speed and muzzle speed test data for users to analyze the performance of BB guns

The SCR2 screen displays the following table:

| SN | RPS | m/s | MAX |
|----|------|-------|-------|
| 19 | 16.3 | 152.4 | 16.3 |
| 18 | 16.3 | 152.4 | 154.6 |
| 17 | 16.3 | 153.3 | |
| 16 | 16.3 | 152.5 | 16.1 |
| 15 | 16.3 | 152.6 | 151.4 |
| 14 | 16.3 | 153.2 | |
| 13 | 16.3 | 153.6 | |
| 12 | 16.2 | 151.7 | 152.8 |
| | | | MIN |
| | | | |
| | | | AVG |
| | | | |

Labels on the right side of the table:

- MAX: maximum value
- MIN: minimum value
- AVG: average value

Label on the left side of the table:

- 25 rounds of speed information

Note: The upper column of MAX, MIN, and AVG is the continuous launch speed, and the lower column is the initial speed.

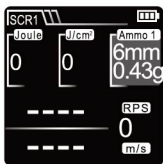
※ Use the up and down buttons to view 25 rounds of speed measurement data.

※ Clearing the History: Press and hold the up button for 3 seconds to clear the history.

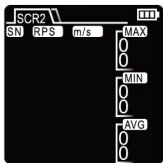
- APO idle automatic shutdown function and low voltage automatic shutdown function
- The diameter of aluminum alloy speed measuring tube is 36mm, which is suitable for 4.5mm, 6mm, 9mm and 8mm BB bullet specifications currently on the market.
- Using the included lithium battery, you can charge through micro USB to avoid the cost of replacing the battery, and the battery can last about 24 hours after being fully charged.
- You can use Bluetooth to connect with ACESoft APP, and you can use Bluetooth to update, record test data, and test data with available graphics.

2 Function setting instructions

SCR1



SCR2



MENU: Function setting screen

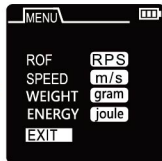


| NO | WT(g) | mm |
|-----|-------|------|
| > 1 | 0.200 | 06.0 |
| 2 | 0.250 | 06.0 |
| 3 | 0.430 | 06.0 |
| 4 | 0.450 | 06.0 |
| 5 | 0.880 | 06.0 |

MENU screen showing: EXIT.

•AMMO: BB parameter setting

A total of 5 groups can be set, and the weight (WT (g)) and diameter (mm) of each group can be set



•UNIT: Unit setting

1)ROF: Rate OF Fire with launch speed

RPM: Round Per Minute

RPS: Round Per Second

2)SPEED: Muzzle Velocity

m/s(meters/seconds)

ft/s(feet/seconds)

3)WEIGHT: BB bullet weight

gram(g)

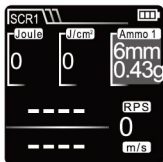
grain(gr) Green (1 grain=0.0648gram)

4)ENERGY: kinetic energy unit

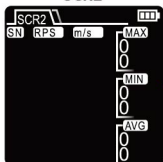
joule

ft-lb

SCR1



SCR2



MENU: Function setting screen



• APO: Auto power off setting

- 1) APO can be set to automatically shut down when not in use for 5 to 60 minutes to save power
- 2) USB APO ON/OFF APO function can be turned on or off when using USB power.

Note: When the battery reaches low voltage, it will automatically shut down to protect the lithium battery



• BRIGHTNESS: LCD brightness setting

- 1) ADJUST: Adjustment range: 0 ~ 10
- 2) Set to the default value.
(Note: The default value is 6.)

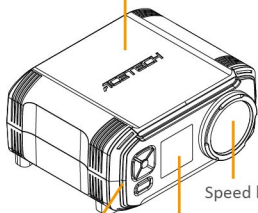


• RESET : Restore to factory settings

- 1) RESET AC6000: Restore to factory value
- 2) Version display
- 3) Serial number display

3 Explanation of each part

Body-Lightweight and durable

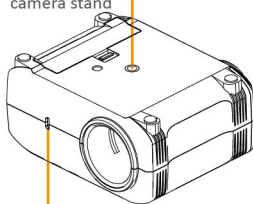


Speed hole

OLED display screen-clear and easy to understand

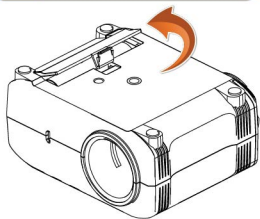
3D operation buttons-user-friendly operation

Availability of mounting on a camera stand



Micro USB power jack

4 Battery description



When not using it for a long time, you must charge it every 2 months. Failure to charge it for more than 2 months may cause the battery to over-discharge and reduce the life or even damage. Damage caused by over discharge is not covered by the warranty.

5 Accessories description

1. Elegant cloth box x1



2. Micro USB power cable x1



3. 18650 lithium battery x1
(Already installed in the machine)



※The cloth box is only available for AC6000BT (luxurious edition)

6 Product Specifications

1. Muzzle speed measurement range: 30.00 ~ 400.0 (m/s)
2. Burst speed measurement range: 100 ~ 5000 (rounds/minute)
3. Speed measuring tube diameter: 36mm
4. Camera tripod screw hole for fixing to camera tripod
5. 18650 lithium battery x 1
6. Supporting micro USB external power input for charging
7. Size: 130 (L) x 108 (W) x 61 (H) mm
8. Weight: 312g (without battery)

Note 1: When using an external power supply, use a 5V adapter with a current of 0.5A or more.

Note 2: Avoid using the BB bomb to accidentally hit the panel and buttons during use to avoid OLED or button damage.

7 APP Instructions

1. Go to the APP store and search for AceSoft and install it.

[← Search](#)



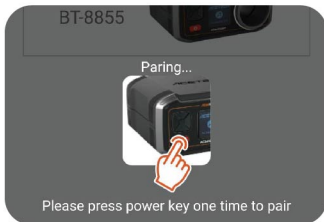
AceSoft

Acetk

OPEN



2. Start APP, AC6000BT and mobile phone Bluetooth.
3. Please refer to the figure below for the first time use. Click on the AC6000BT icon and a reminder icon will appear during pairing. At this time, press the AC6000BT power button to complete the pairing.



- After the pairing is successful, you will see the following screen. The gray area is the speed measurement result.
- From left to right, the blue boxes above are No/Time switch, RPS/RPM switch, m/s and ft/s, and Joule/ft-lb/J/cm².
- The orange blocks on the right from the top to the bottom are respectively Ammo 1 ~ 6 for selection to test at the highest speed/RPS, average speed/RPS and lowest speed/RPS.
- From left to right in the green box below, the shooting data is stored, the shooting data is cleared, and the data chart is switched.

AC6000 BT-1001

No/Time switching

RPS/RPM switching

m/s and f/s

Joule/ft-lb/J/cm²

| | | | |
|----|------|-------|------|
| 32 | 10.2 | 165.0 | 2.72 |
| 31 | 10.2 | 166.6 | 2.78 |
| 30 | 10.3 | 164.6 | 2.71 |
| 29 | 0.0 | 164.6 | 2.71 |
| 28 | 16.6 | 165.2 | 2.73 |
| 27 | 20.3 | 165.4 | 2.74 |
| 26 | 20.3 | 165.3 | 2.73 |
| 25 | 20.3 | 165.0 | 2.72 |
| 24 | 20.3 | 166.2 | 2.76 |
| 23 | 20.3 | 165.9 | 2.75 |

Ammo 6.0m
m
0.2g

MAX 20.3
167.5

AVG 11.6
161.0

MIN 10.2
3.3

Speed measurement results

Shooting data

Clearing the shooting data

Data chart switching

Ammo 1-6 selection

Highest speed / RPS

Average speed







Minimum speed/RPS

- Tap the icon on the top right of the screen to enter the setting page.

AC6000 BT-1001

No. RPS m/s Joule

9. The setting page is as follows:

- a) Ammunition can be set. 
- b) Updating the device  (you can upgrade here if new firmware is released).
- c) Restore to the default. 
- d) The current version of the device
- e) The current serial number of the device
- f) Device;  tap to jump to the homepage.
- g) Records;  read the pre-stored shooting data
- h) Store;  tap to enter the ACETECH homepage.



- All contents and functional specifications described in this manual are subject to change without notice.
- All contents and functional specifications in this manual will be based on the actual product.



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