

SC9 Shooting Chronograph User Manual



Product List :
Chrono main unit *1
Support rod*4
LED light bar*2
Thumb screw*4



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FCC 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.
- 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. 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 Information

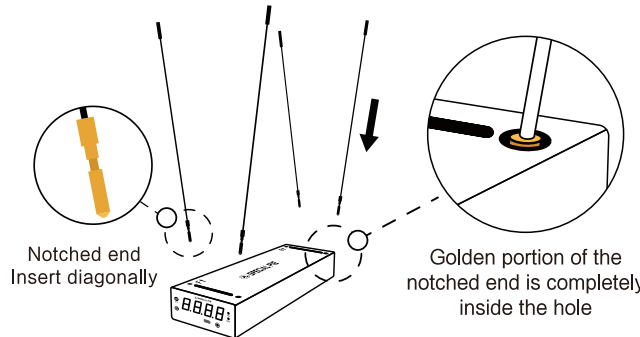
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cautions

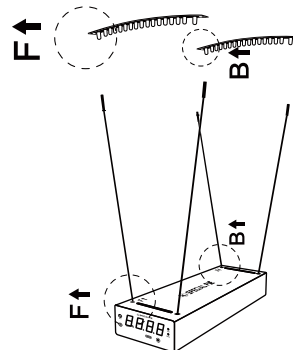
1. Position the unit at least **2.5 meters from the firearm muzzle** to prevent sensor interference from propellant smoke.
2. Avoid operation in direct sunlight to maintain measurement accuracy.
3. Maintain within 15 meters of the timer/tablet for stable data transmission via Bluetooth.
4. Aim projectiles toward the central or lower-central area of the detection zone to avoid peripheral blind spots.
5. Measurement specifications:
Velocity range: 1 – 3000 m/s (4 – 9750 ft/s) | Error: <1%
Rate of fire: 1 – 1000 rounds/minute.
6. When testing high-velocity rounds, implement protective measures to prevent injury from potential ricochets.

Installation

1. Insert the 4 support rods diagonally into the bottom of the 4 round holes in the main unit with the notched ends facing down until the golden portion of the notch is completely inside the holes.

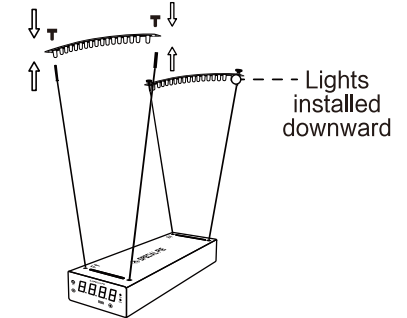


2. Please assemble the light bar by matching the top logo with the logo on the main unit. (F ↑ / B ↑) F stands for front, B stands for back.

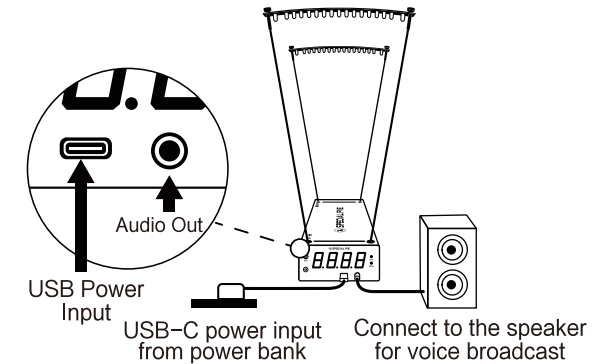


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3. Attach 2 light bars to each of the 4 rods with thumb screws, and tighten the screws.

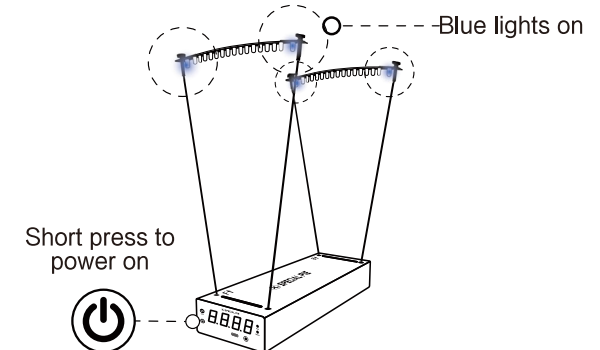


4. **USB-C port** is for power supply, from the power bank or a fixed USB power supply. **Audio out port** for connecting to the speaker (self-provided), so the chrono can broadcast the speed of each shot in English.



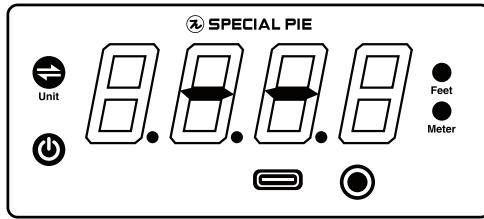
5. After the power is connected, short press the power button to power on. And the blue lights will be on when assembled successfully.

If the blue light is not on, please check if the rods are inserted diagonally to the bottom. Make sure the screws are tightened and light bars are assembled according to the corresponding logo.



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Display Panel



Speed unit switch button: short press to switch the unit of "feet / meters", the indicator light on the chrono and the timer will switch the unit of measurement synchronously.

Power button: short press to turn on and off.

Feet light on means the current speed measuring unit is "feet".

Meter light on means the current speed measuring unit is "meter".

Data display: each speed measurement data displays for 5 seconds. PS: If the panel displays F or E, it means the speed measuring failed, please retest.

USB-C Power Port: Supply power for the chrono by USB power supply or USB direct power.

Audio Out: Connecting to the speaker (self-provided) by an 3.5mm audio cable for automatically broadcasting the speed of each shot.

★ Shot velocity data is shown for 15 seconds, and is refreshed when a new shot is detected.

Chrono Connects to the Shot Timer

● Switching on sequence: chronograph first (short press the power button). Then timer (hold down the power button for 3 secs)

After the timer is switched on, it will enter the chrono mode by default, wait for 3-5 secs, the chrono will connect to the timer automatically, and the top right corner of the timer screen will show the Bluetooth icon and the chrono Bluetooth ID.

● Now you can use it to measure the projectile's speed. The timer will synchronize the speed measurement data and automatically calculate the average speed.

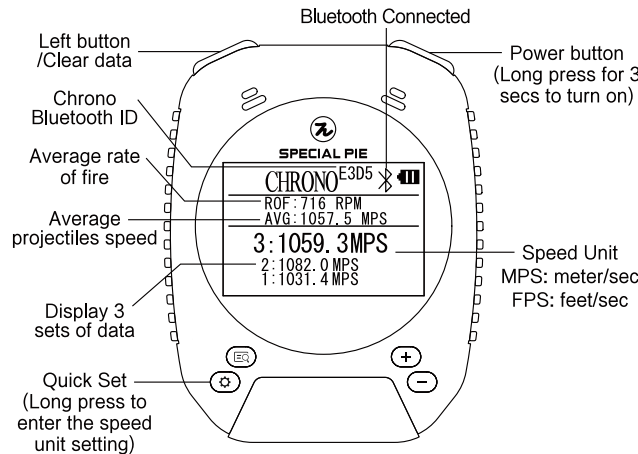
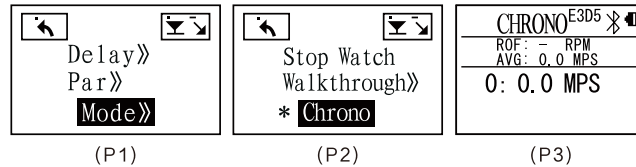
● Short press on the timer's power button or left button can clear the speed data.

● **Change the unit of speed measurement (Via Timer)**
Hold down the **Quick Set** key of the timer for 2 secs to enter the interface of changing the speed measuring unit. Press + or - key to select the desired unit, and then press the timer left key to return.



● If the timer doesn't enter the chrono mode after switching on, please follow the steps below,

1. Long press the power button to enter More Settings – Mode (P1) – Chrono (P2)
2. Long press the left button to select the Chrono mode (P2) short press the left button twice to enter the Chrono mode (P3)

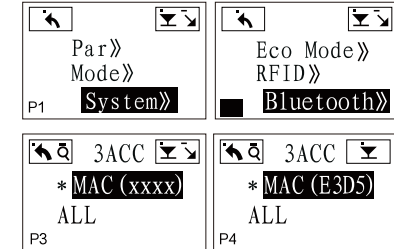


Manual Bluetooth Connection

If the timer does not connect to the chrono automatically after switching on, or the Bluetooth is suddenly disconnected during use and the timer is not connected to the Chrono after waiting for 1 minute, please follow the steps below to make them connected.

- Hold down the timer power button for 2 secs to enter the More Setting menu. (P1)
- Short press the power button to scroll down to find "System". (P1)
- Long press the power button to enter the "System" —Bluetooth" setting interface. (P2)

- Select "MAC(XXXX)", press and hold the Left Button to start searching the nearest Chrono while the timer beeps. (P3) After 3-5 secs, the XXXX behind the Mac will become the Bluetooth ID of the connected Chrono, that means successfully connection. (P4)



Chrono Connects to the PS 2 App

Run the PS2 App on Your Phone/Tablet (P1)

1. Tap "Change" (top right) – "Add" – Select match (P2)
2. Tap "Build Stages" (P1) – "Add Chrono"
3. Tap "Edit Shooters/Squads" (P1) – Enter shooter info (P4)
4. Tap "Enter Scores" (P1) – "1: Chrono" – Tap top right icon "..." – Select "Chrono" (P5) – Choose the chrono currently in use from the search list (P6).

