

**USER MANUAL
CHRONOGRAPH**



SPECIAL HANDLING PRECAUTIONS

The Chronograph has been finely tuned. Avoid dropping and physical shock. This device is designed for typical indoor weather conditions (IP54). It is not waterproof for use underwater or during rain. Device contains precise electronic equipment. Do not attempt to open device case yourself. Always remove batteries when storing the device. Removing batteries from the device during storage reduces the risk of battery acid leakage and battery drain. Battery leaks are not covered by the warranty. When using the device, Do Not mix old and new batteries together in the device. Use only High Quality AA 1.5V alkaline batteries such as NITEforce Long Life Alkaline 1.5V

PRODUCT SPECS

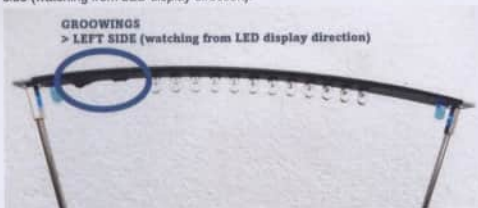
Working voltage: 4 x AA 1.5V alkaline batteries (not included)
Range of speed measurement: 1-2000m/s (4-6500 FPS)
Range of kinetic energy measurement: 0.1-6000 J
Accuracy measurement error: 2%
Speed records: 20 sets
Kinetic energy records: 20 sets
Working environment temperature: -5°C ... +40°C

ASSEMBLY

1. Twist 4 rods to device main body:



2. Screw next both light panels. The light panels should be illuminated downwards and growings on the LEFT side (watching from LED display direction):



3. The 12 LEDs in the middle of the light panel emit invisible infrared light. Those are not visible to the human eye!

4. Shooting direction:



5. Keep end of the rifle barrel around 80cm (or more) distance from the Chronograph. It will prevent non-bur powder pressure wave disturbance for measuring. Avoid direct sun light or sunny days since the UV radiation may disturb the measuring (measuring of Chronograph is based on the light sensors). NOTE: Usage of suppressor, silencer may affect speed readings even with same loading. Do not shoot the Chronograph!

POWERING THE CHRONOGRAPH

Install 4 x AA 1.5V alkaline batteries. Remove the batteries after use or during storage:



Power switches ON (I) / OFF (o)



OPERATION

1. Turn ON the power switch
2. Wait until the device LED panel shows sign: - -
3. Shoot thru the shooting triangle light panel area
4. Reading will be displayed on the LED
5. If pushing the Menu button next the LED panel, you can see previous strings shots recorded
6. NOTE: All speed values are erased when turning the device OFF/ON

MENU BUTTONS



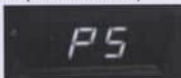
Under the Menu button you will find some different readings (MPS / FPS / Joules)

Indicator light explanations:



GREEN indicator light > device shows speed readings (either MPS or FPS or Joule).

PS (Meter Per Second)



FPS (Feets Per Second)

SU (projectile weight for Joule 0.1-10gram)



Meter Per Second (PS)

Feet Per Second (FPS)

Tripod Threads for NITEforce TriPod mounting



MODE FUNCTIONS

Basic functions:

1: Use MPS status test: After the power is turned on, it automatically enters this status by default, and the MPS indicator is on.

2: Use FPS status test: After turning on the power, press the confirmation key (as shown in the figure below) immediately after seeing the FPS display, and the FPS indicator will light up.

3: Use kinetic energy state test: after starting, see the display screen – SU –
Then immediately press the "Increase" key to enter the bullet weight setting state.

Other functions:

1: Switching between automatic and manual states: the default is to enter automatic state, and the display screen will display two horizontal "—"

After the test in this state, the data will be displayed for a few seconds and automatically enter the state to be tested. You can also press the "OK" key to enter the state to be tested. In this state, you can directly press the "OK" key to switch to the manual state, and the display screen will display four horizontal "____"

In manual mode, data is always displayed. You must press the "OK" key to enter the state to be tested. In this state, you can press the "OK" key to switch between automatic and manual.

2: Time length setting for displaying data when automatically entering the state to be tested: in the automatic state, the data will automatically enter the state to be tested after a period of time, which is divided into 1–20 cycles. The default is the 8 . Setting method: After turning on the power switch, when you see the display of 8888, press the "Add" button to immediately enter the setting state. Then use the "Increase" and "Decrease" keys to select the time period, and press the "OK" key after selection. The smaller the number, the shorter the dwell time.

3:View records: in the test state, you can simply use the "Increase" and "Decrease" keys to scroll through the history data, and use the "OK" key to exit view records. Note: Record Zero after reboot

1 YEAR WARRANTY

This product is warranted to be free from defects in material and workmanship for 1 year from the original date of purchase when purchased through an authorized dealer. NITEforce will, at its option, repair or replace your product with the same or comparable model, free of charge (shipping charges may apply) for a period of (1) one year from the original date of purchase in the event of a defect in materials or workmanship occurring with normal use. This warranty only extends to the original retail purchaser. Purchase receipt or other proof of date of original purchase is required before warranty performance. The warranty on any replacement product provided under this warranty shall be for the unexpired portion of the warranty period applicable to the original product. This warranty extends solely to failures due to defects in materials or workmanship occurring during normal use. It does not cover normal wear of the product. This warranty is void if:

- 1.The unit has been used incorrect, opened or punctured
- 2.The unit has been immersed in water or other liquids, allowed to be filled with dirt or dust or otherwise physically misused
- 3.The 1year warranty period has expired
4. If the product fails to function properly as a result of accident, misuse, abuse, neglect, mishandling, misapplication, non-compatible batteries, faulty installation, setup, adjustments, improper maintenance, alteration, maladjustment of controls, modification, power surges, service by anyone other than NITEforce or NITEforce authorized service center or acts beyond the manufacturer's control.

PRODUCT REPAIR

Repairs for damages not covered by the warranty will be subject to a charge. Please contact nearest NITEforce sales agency shop to discuss repair options not covered under warranty.

WARRANTY WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.