

PLEASE READ THIS FIRST
Adaptive Calibration

This unit must be calibrated after it is set up for use or it is moved. From **CE** mode, this is done by turning the unit **Off** and then **On**. Rapidly changing numbers indicate that the unit is calibrating. Calibration is finished when display flashes between **CL** and calibration number or flashing ends. The unit will not accept shots without a successful calibration. **<DATA>** key must be pressed to accept calibration results, otherwise the unit will not register shots. If any key is pressed before calibration is finished, calibration fails and it must be run again. **CE** mode uses auto calibration, if environment noise is acceptable display will not flash.

To calibrate from **CF** mode, press **<MENU>** then **<ENTER>** key. When calibration is finished **<DATA>** or **<STATS>** key must be pressed to exit menu mode. To try again press **<ENTER>**.

Flashing decimal points

Indicates Fluorescent lights or other environment interference

Indoors calibration results

400 to 1023 Fluorescent lights
150 to 300 Functional range

Outdoor calibration result

512 to 1023 Bad environment
300 to 511 Marginal conditions
140 to 250 Functional range

One Key function, CE-Mode only

- <POWER>** Turn the unit on or off
- <UNITS>** Flip between meters and feet
- <ENTER>** Display least significant digits
- <DATA>** Set Data Mode, review Shots
- <STATS>** Set Stats Mode, review Stats
- <MENU>** Display Mode & model number

Two Key functions, CE & CF Mode

- <MENU+ENTER>** Flip between CE & CF
- <MENU+UNITS>** Turn Sensors Off
- <MENU+POWER>** Power off & Save
- <DATA+STATS>** Locate Low or High
- <ENTER+POWER>** Battery Voltage Level
- <ENTER+UNITS>** Sensitivity Level Set

To enter Bullet Mass, use **bul** menu from **Data Menu** list, see other side

Three & Four Key functions CE & CF Modes

- <STATS+DATA+MENU>** Hardware Reset
- <ENTER+POWER+UNITS>** Archery On or Off
- <ENTER+POWER+DATA>** Delete Shot
- <ENTER+POWER+STATS>** Delete String
- <ENTER+POWER+MENU+DATA>** Undo Delete Shot
- <ENTER+POWER+MENU+STATS>** Undo Delete String

Data & Stats Key functions, CE & CF Mode

- <DATA+MENU>** Decrement String
- <DATA+ENTER>** Increment String
- <DATA+UNITS>** Select Units, Metric or USA. (CF)
- <DATA+POWER>** Select Velocity or Temperature (CF)
- <STATS+MENU>** Decrement String, Cross string stats
- <STATS+ENTER>** Increment String, Cross string stats
- <STATS+UNITS>** Select Stats Units, Metric or USA
- <STATS+POWER>** Select Velocity or Temperature Stats

Statistics List CE3V10S

- Lo** Low
- Hi** High
- Au** Average
- ES** Extreme Spread
- Sd** Standard Deviation
- Pd** Percent STD
- fo** String size
- PF** Power Factor
- En** Energy, mJoule

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(* Errors and Alarms with "Flashing...")

...Colon - sensors are turned off, unit must be calibrated again
...Decimal points - calibration failed, must try to calibrate again
...Decimal points & colon - bad conditions, sensors turned off
...Last digit - number is bigger then **9999.99**, press **<ENTER>**

Chronograph Errors

- 1** Front sensor missed
- 2** Rear sensor missed
- 8** Interference detected
- 9** Muzzle Blast or Noise

Units & Data Identifiers

- 03** Velocity in f/s, shot #3
- 03** Velocity in m/s, shot #3
- 03** Fahrenheit for shot #3
- 03** Celsius for shot #3

Battery Alarms

- 1** Low
- 2** Very Low
- 3** Dead

Operator Errors

- 1** Trash empty
- 2** Folder in use
- 3** Not Allowed

Memory Errors

- 1** Memory is full
- 1** One shot left

When decimal point is not displayed See(*)
The number is between **1000.00** and **9999.99**

Data & Stats Key functions, CF-Mode

- <DATA>** Set Data Mode, for Data view
- <STATS>** Set Stats Mode, for Stats view
- <MENU>** Set Menu Mode, for Menu control
- <ENTER>** Display Hidden Digits
- <Down>** Next Data or Stats or **<POWER>**
- <Up>** Previous Data or Stats or **<UNITS>**

Menu Key functions, CF-Mode

- <ENTER+Up>** Increment Value or Flip value
- <ENTER+Down>** Decrement Value or Flip value
- <ENTER>** Execute Menu or View value
- <MENU>** Next Menu - Menu right
- <MENU+DATA>** Previous Menu - Menu left
- <DATA>** Exit to Data Mode
- <STATS>** Exit to Stats Mode
- <Up>** Scroll Submenu Up
- <Down>** Scroll Submenu Down

CF Data Menu

- CL** Calibrate
- ARC** Archery
- SLL** Sense Level
- bul** Bullet Mass
- ME** Meters set
- CE** Celsius set
- USA** USA Units
- ME** Metric Units
- RP** CAL Point
- Sho** Shot Number
- CLR** Clear Shot
- Unc** Undo Clear
- String** String Number
- dEL** Delete String
- Und** Undo Delete
- Undo** Undo Old data
- FoL** Select Folder
- dEL** Delete Folder
- Und** Undo Delete
- SRU** Save Folder
- Err** Last Error
- nor** More Errors
- Err** Error Count
- CLR** Clear Errors

CF Stats Menu

- POF** Power Off
- SOF** Sensors Off
- PL** Power level
- Mod** Model #
- Sr** Serial #
- Sn** Software #
- SLL** Stats position
- Loc** Go to Min/Max
- String** String Size
- Cr** Circular mode
- Man** Manual mode
- Sns** Sensors On/Off
- FRF** Fast Fire
- Err** Last Error
- ELC** Error limit count
- Hrr** Hold Error View
- Mrr** Memory Error
- Pr** Power Repeat

- Ucl** User level
- bRR** Battery test
- CEL** Celsius test
- FRH** Fahrenheit test
- Con** Baud Rate
- dLF** DwnLoad Folder
- dLR** DwnLoad ALL
- ddr** Disk drive..more

- U** User Level
- Min** Minimum Stats
- Pdc** Power Off Ctrl
- Pdo** Power Off Time
- Pro** Advanced mode
- CR** Test Level Set