Quick Setup

1. **Unboxing**
   - Insert 6 x batteries AA
   - Connect USB battery pack (output 5V, 1A or 2A recommended)

2. **Power**
   - Insert 6 x batteries AA
   - Connect USB battery pack (output 5V, 1A or 2A recommended)

3. **Adjust Offset**
   - Muzzle distance from Labradar
   - 6” or less Good
   - 12” or less Good
   - 18” or less Big calibers

4. **Velocity Range**
   - Select velocity range menu:
     - Riffle
     - Handgun
     - Bow/Crossbow
   - Vmin (fps) 984 3900
   - Vmax (fps) 430 1722
   - Bow/Crossbow 66 738

5. **Set Distance**
   - for velocity measurement
   - Power Factor calculated at dx 1
   - Enter weight for PF

6. **Trigger Source**
   - External trigger accessory
   - Airgun adapter
   - Bow/Crossbow adapter

7. **Align Notch with Target**

8. **Get Ready to Fire**
   - How to arm
     - PRESS ONCE .........BLUE LED = REVIEW MODE
     - PRESS TWICE .........ORANGE LED = ARMED | READY
     - HOLD 2 SEC ..........DISARMED AND ACCESS PARAMETER MENU

- Velocity Range:
  - Riffle
  - Handgun
  - Bow/Crossbow

- Velocity Calculations:
  - V0 = 1051
  - V10 : 997
  - V50 : 964
  - V100 : 932
  - V200 : 898
  - V300 : 883
Useful Tips

Use Low Power Mode when...
- Indoor Range
- Obstacles
- Short range (<25 m)
- Baffles

Recommended mounting configuration
- To avoid vibrations, add a sandbag or weight under the tripod.
- Vibrations will cause velocity reading problems.
- Isolate the Labradar from the muzzle blast.

Recommended distance from target
- No
- Good
- Best
- 0 m
- 15 m
- 25 m

Recommended range configuration
- 5 m
- No obstacle
- Recommended
- 5 m
- Obstacles in line of sight
- Not recommended

Range recommendations

Target material
- Wood - Best
- Paper Cardboard - Best
- Metal - Not recommended

At a shooting range with multiple Labradar
- Recommended TX channel spacing
- Lane 1 - 1
- Lane 2 - 3
- Lane 3 - 5

Muzzle position
- No Muzzle break (equal to Labradar)
- With 90° muzzle break (in front)
- With 45° muzzle break (slightly behind)
- Suppressed or rimfire (slightly behind)
- Pistol (muzzle equal to Labradar)
- Large caliber (protect Labradar from blast)

Trigger Level
- 1 Very sensitive
- 2 Less sensitive
- 4 Medium sensitivity
- 8 Harder to trigger bring muzzle closer to discriminate other shooters

Recommended range configuration
- TOP VIEW
- No obstacle
- Recommended
- 5 m
- Obstacles in line of sight
- Not recommended
- 5 m

With external microphone
- Muzzle position
- FRONT VIEW
- TOP VIEW

Preference Menu/switch view & arm mode
- Up
- Down
- Power ON
- Arm / Disarm

New series
- Erase

Recommended distance from target
- No
- Good
- Best
- 0 m
- 15 m
- 25 m