

TPRO User's Manual



Table of Contents

- Features and Functions Page 2
- Description of Features Page 3-4
- Battery Information Page 5
- FAQ's Page 6
- Tech Specs Page 7

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Features and Functions



Part no.	Name	Function
A	Yardage adjustment ring	Adjusts the target yardage from 80 ~ 290 yards.
B	Display LCD	Displays swing information such as distance and clubhead speed or yardage.
C	Impact / ball focus LED	Flashes briefly at impact if the TPRO 'POP' is felt.
D	Status LED	Indicates which function is selected, between distance measurement and speed measurement. From left, km/h, mile/h and distance in yards.



Part no.	Name	Function
E	Swing path LED	Monitoring of swing path
F	Power on/off button	Turns the LCD on or off
G	LIGHTING on/off button	Activates the yellow LED lights on either side of the TPRO
H	Selection button (Speed & Distance button)	Selects measurement mode (speed or distance measurement).
I	Battery cover	Two 1.5V AAA batteries

Description of Features

TPRO is a revolutionary new swing trainer that will improve your timing and your technique. TPRO provides these 5 basic functions:

1. **Improves timing:** A magnetic clicking mechanism inside the TPRO provides a loud “POP” when maximum clubhead velocity is reached. Ideally, this will be at impact. In addition, you may rotate the dial to set the force required to make the TPRO “POP”. This range correlates to the force that would be necessary to hit a golf ball 80 yards through 290 yards.
2. **Measures clubhead speed:** The reading indicates the speed as if you were swinging the equivalent of a 44” driver.
3. **Measures the distance of your shot:** The distance is just an estimate based upon the speed of the swing. Think of it as an average driver hitting an average ball under average conditions.
4. **Improves focus on the ball:** There is an LED just above the display panel. When the TPRO makes only the “POP” sound on impact mode, not speed mode, the LED light also briefly flashes. If you see a red flash at impact, you have successfully kept your head steady and focus on the ball through impact.
5. **Monitors swing path:** When activated by pressing the ‘LIGHTING’ button on the side of the TPRO, two yellow LED lights provide a visual reference of the club’s swingpath as the TPRO is swung.

Referencing the 5 basic functions on the previous page, let’s look at some of the features in more detail.

1. **Use the TPRO to improve timing.** Turn the unit on by pressing the ON/OFF button on the side. If the display reads ‘200’ (yards) then rotate the dial in the < DOWN direction until you see numbers of 150 or 110. Not many people can get the TPRO to click above 230 (yards) so we would recommend starting at 110 or 150 just to get the feel of the popping mechanism. Note: The TPRO does not have to be ON to use this feature. It will still ‘POP’ when you swing it, even if it’s OFF.
2. **Use the TPRO to measure clubhead speed.** When you first get your TPRO and turn it on ‘200’ (yards) is displayed on the LCD panel. Rotate the dial in the < UP direction > past 290 (yards) and stop dial when you see the ‘SPE’. It means TPRO is in ‘SPEED’ mode, press the Speed & Distance button on the side of the TPRO one time so that ‘ - - - ’ is displayed on the LCD panel. For additional info, see the first FAQ on page 6.
3. **Use the TPRO to measure the distance of your shot.** Besides setting a target yardage required to get the TPRO to ‘POP’, you can just swing it and view your swing-speed. You do this by rotating the distance dial in the UP> direction (past 290) until ‘SPE’ is displayed on the display screen. Press the Speed & Distance button on the side of the TPRO several times to change the mode from speed to distance. Look for the 3 green LED’s above the LED display window to indicate the change in modes.

4. **Use the TPRO to improve your focus on the ball.** The TPRO includes an LED light just above the LCD display. It is designed to encourage the user to stay down through the shot. If you can see the quick red flash from the “head-up prevention LED” as only the TPRO pops, then you are not lifting your head or looking away as you swing through the striking zone. It’s more effective after power off. (e.g. setting up 110yards as a target yardage. and turn off the power, go swing as accurate impact that means you must hear ‘POP’ sound. if then, you’ll not miss to see the LED light.)
5. **Use the TPRO to monitor and improve your swing path.** As indicated previously, pressing the ‘LIGHTING’ button on the side of the TPRO will activate two yellow LED lights on either side of the TPRO head. This feature allows the user to see the path the clubhead travels and is best used indoors or in a low-light environment.

Battery Information

TPRO uses two 1.5 volt AAA batteries. For battery installation, open the battery cover by pushing in the direction indicated by the arrow. Then insert batteries provided together with TPRO unit and make sure to replace the battery cover correctly.

There is no indication when battery should be changed. When battery power is used to a certain level, the figure on the display LCD will be not bright enough to read. Also, lighting of swing tracking LED will be not bright enough. The batteries should be changed. With low powered batteries TPRO can possibly make errors in measuring speed or indicate wrong figures. So when aforesaid phenomena are noticed, then make sure to change batteries with new ones.

Note:

We recommend using fresh batteries purchased from a high volume retailer. Battery life is maximal at room temperature. Temperature range is 0°F to 150°F (17°C to 65°C).

Do not leave the battery in TPRO for prolonged periods of time without operating the unit. The warranty for TPRO is void for units damaged by battery leakage.

Please be environmentally conscious when disposing of used batteries.

** Note: Battery life is dependent on many variables, including temperature, type and brand.*

F.A.Q.'s

Q: How do I set TPRO into Speed Mode to measure swing-speed?

A: Turn on the TPRO by pressing the On/Off button on the side. Then you will see '200' on display LCD panel. Rotate the distance dial in the 'UP'> direction past 290 to put it in Speed mode. The display panel should now read 'SPE'.

Press the Speed & Distance button on the side of the TPRO.

'SPE' will change to '- - -' in the display. Now the unit is ready for measurement of speed or distance. Make a swing. About 2-3 seconds after the swing your swing-speed will display.

**** IMPORTANT! ****

After each swing you will need to press the Speed & Distance button on the side of the TPRO to reset the display back to '- - -' so it is ready for your next swing.

NOTE: The Speed & Distance button also allows you to choose to how to display the swing data. Look for the 3 green LED's above the display. By pushing Speed & Distance button repeatedly, you can set the speed mode (km/h, m.p.h) or distance in yards. By when pressing Speed & Distance button in Impact Mode, you'll see ERR on LCD panel, be sure to change Speed Mode to measure swing-speed or distance.

Q: How does TPRO measure the club head speed and ball carry distance of a 44" driver?

A: TPRO indicates all figures based on 44" driver by making an automatic calculation of the centripetal acceleration resulting from the difference in the shaft length between the TPRO and a 44" driver. The distance is an estimate.

Q: There is no regularity in indicating the numbers for distance. Why?

A: The strength and configuration of the magnets used in the TPRO determine the distance gaps. The distances are: 80, 110, 150, 200, 230, 250, 270, 290 yards. Note: The low number represents the range from that number to the next number.

For example: 110 means from 110 ~ 149 yds. 150 means from 150 ~ 199 yds.

Q : The "POP" sound is clearly heard when I swing, but I don't get the "POP" on my next swing even though I think I should. What am I missing?

A : There will be "POP" sound two times per swing. The loud "POP" should be at or around impact. The second, quieter "pop" is after the swing is finished. If you don't hear the TPRO reset itself at the end of the swing, hold it vertically with the head above the grip and it will reset and be ready for your next big swing!

Q : When do I need to replace the batteries?

A : There is no indicator to show the voltage left in the batteries. When the display LCD light is too weak to easily read or if you are getting erratic readings, the batteries should be changed.

Tech Specs

ITEM	DESCRIPTION	REMARKS
Product	Golf swing analyzer & trainer	
Model name	TPRO	
Power	2 x AAA batteries	1.5V AAA battery
Length	33.5 inch/85.09 cm	
Weight	420 grams(incl. Batteries)	Without packing
Sensor type	Optic sensor to measure the acceleration	Patent registered in USA and Korea
Measuring range	50-109 mile/hour 80-175 km/hour 150 – 275 yards	
Method for impact	CCF Method	Patent pending in USA, Korea, Japan

(CCF method means Controlling of the Centrifugal Force of the initial stage of the golf swing, using a multi-magnet force which works in sequence)*