THE BALL COACH™ Measures From the Back, Like a Camera Phone

VERTICAL IS CRITICAL
- The Ball Coach™ makes a measurement by sending out very low power radio waves and looking for them to bounce off a moving object. These radio waves are focused in a small cone shaped like a focused flashlight beam which comes out of the raised square on the back of the Ball Coach™ (the radar lens).
- Hold the Ball Coach™ straight up and down vertically like a camera phone with the radar beam pointing in-line with the path of the ball.
- If you tilt the Ball Coach™ or obstruct the radar beam, display it for 3 seconds, and then store it in the memory.

WATCH YOUR ANGLES
- All Doppler speed radar technology measures objects moving in-line with the radar beam, not perpendicular. To get the most accurate readings, make sure the path of motion is within the narrow radar beam cone (about the shape of a focused flashlight beam). Tilting the Ball Coach™ too far up or down may also cause the beam to miss the moving object.
- Do not block the radar lens.

HOW TO HOLD & AIM

INITIAL SETUP
- Remove the battery cover from the back of the Ball Coach™. Insert the batteries in the direction indicated by the polarity marks inside the battery compartment and replace the cover.
- Remove the clear plastic sticker that covers the battery compartment and replace the cover.

INSTANT ON
- The Ball Coach™ will turn itself on and continue measuring ball speeds as long as you hold the blue button down...
- When the Ball Coach™ picks up a ball in flight, it will display the speed. Release the blue button and the speed will display for up to 30 seconds. If no ball was measured, the display will show "- - -".
- Do not worry about clearing the display before making a new measurement. Once you begin holding the blue button down for a new measurement, the display will be cleared.

RECALL READINGS
- To recall the last 25 readings, simply tap the black MODE/RECALL button. Each time the button is tapped, it will display the previously recorded speed, most recent first. A single dash "-" indicates that you have reached the end of the list.
- Automatic-Shut Off
- The Ball Coach™ continues to display the last speed until the button is pushed again or it will automatically shut itself off after 30 seconds of inactivity.

SIDE VIEW

TOP VIEW

BATTERY INSERTION AND GETTING STARTED

Instant-On Mode
- Instant-On mode is used when you want to... and release button when speed is displayed.

HITTING
To capture Ball Exit Speed off the bat, hold the button down well before the ball is hit and release the button after the speed is displayed. This will show the fastest speed of the ball right as it leaves the bat.

PITCHING
Hold the button down well before the ball is released, and let go of the button when the speed is displayed. This will show the fastest speed of the pitch right out of the hand.

MEASURING BALL SPEED
The Ball Coach™, Automatically Finds the Fastest Speed of a Ball in Flight

AUTOMATIC TRIGGER / PERSONAL TRAINING MODE
The Ball Coach™, can easily measure Pitch Speed and Ball Exit Speed off the bat without having to manually trigger the button. To access this mode, hold down the black MODE/RECALL button until "DP" appears. Release the button to select Constant-On mode. Make sure to have someone hold and aim the Ball Coach™ or train by yourself using a smart phone tripod mount to set it up for hands-free operation. The Ball Coach™ will automatically pick up the speed of the ball, display it for 5 seconds, and then store it in the memory. Pressing either button will exit out of Constant-On mode. Then tap the MODE/RECALL button to review up to the previous 25 speed measurements.

IMPORTANT:
Battery life will be substantially shorter in Constant-On mode. A brand new set of high quality alkaline AAA batteries should last over an hour in this mode. We recommend you purchase "NiMH" rechargeable AAA batteries if you plan on using the Ball Coach™ in Constant-On mode.

KNOW YOUR BALL COACH™
Displays Speed or Mode
Displays Remaining Battery Life
Displays Units of Measurement
Indicates When the Radar Beam is Active
Tap button to recall up to previous 25 speeds. Hold button down to cycle through modes. Release button when desired mode is displayed.
Hold button down well before ball is in flight. Release when speed appears.

VERY LOW POWER RADAR WAVES ARE PRODUCED FROM A NARROW Radar Lens IN A FOCUSED Flashlight Beam.

BATTERY COMPARTMENT FOR 2 AAA ALKALINE BATTERIES OR RECHARGEABLE "NI-MH" BATTERIES.

BALL COACH™
Model: PR1000-BC
FCC ID: WZK-PR-1000
 Displays Speed or Mode
Displays Remaining Battery Life
Displays Units of Measurement
Indicates When the Radar Beam is Active
Tap button to recall up to previous 25 speeds. Hold button down to cycle through modes. Release button when desired mode is displayed.
Hold button down well before ball is in flight. Release when speed appears.

Battery compartment for 2 AAA alkaline batteries or rechargeable NiMH batteries.

PERFECT ANGLE: Keep Unit Straight-up-and-down. Do not tilt.

INCORRECT: Do not block the radar lens.

INCORRECT: Keep the radar lens clear of any objects.

IMPORTANT: Battery life will be substantially shorter in Constant-On mode. A brand new set of high quality alkaline AAA batteries should last over an hour in this mode. We recommend you purchase "NiMH" rechargeable AAA batteries if you plan on using the Ball Coach™ in Constant-On mode.
**How to Use the Ball Coach™ Advanced Measurement Details**

The Ball Coach is specifically designed to measure the speed of a ball in flight, and find the fastest ball speed right out of the hand or right off the bat. As soon as you begin holding down the blue button, the radar beam is activated. As long as you hold the blue button down, the radar will continue to search for the speed of a ball. As soon as the Ball Coach picks up the speed of a ball in flight, it will display that speed. In order to capture the fastest ball speed right out of the hand or right off the bat, it is important to begin to hold down the blue button sometime before the ball is in flight. Release the blue button once the speed is displayed.

**Ball Coach for Pitching**

To accurately measure pitch speed, make sure the radar beam lines up directly with the path of the ball. Do not throw to the coach. The ball will be at its highest horizontal speed when it first begins to descend. Once the radar beam is positioned directly in line with the path of the ball, begin holding down the blue button on the coach as the pitch hits the catcher’s mitt.Do not release until the speed appears on the display. You will need to maintain the fastest speed of the ball right through the pitch. Release the coach anytime after the ball is hit.

**Important Note:** Monitor the blue button as soon as the pitch is displayed. To access pitch speed, hold down the blue button, then release. The ball coach will display the pitch speed.

**Ball Coach for Hitting with Live Pitching**

The Ball Coach is always looking for the fastest speed when it makes a measurement. To measure both pitch speed and ball exit speed, hold down the blue button through the entire sequence. The first number that appears will be the pitch speed. If the Ball Coach Exit Speed of the ball is faster than the pitch speed, it will be displayed after a short delay. A well-hit line drive should be faster than the incoming pitch speed.