



SPORT RADAR

INSTRUCTION MANUAL



Thank you for choosing SKLZ Sport Radar. We are dedicated to providing you with the best tools and instruction possible to help you unleash your athletic potential. If there is anything else we can do to help you to optimize your training, don't hesitate to drop us an email (customerservice@sklz.com) or give us a call (1-877-225-7275).

BEFORE YOU BEGIN:

- » Read all setup and usage instructions carefully. Refer to care and safety instructions document for additional information.
- » The Sport Radar requires 4 C cell alkaline batteries. Non-alkaline, NiCd and NiMH rechargeable batteries do not have enough voltage (1.2v vs 1.5v for alkaline) to adequately power the Sport Radar. Additionally, do not use Lithium batteries in the SKLZ Sport Radar as their voltage is too high and will result in poor performance and/or damage to the product.
- » Always check equipment for wear or damage before use. If any is found, do not use product. If any components are missing, please contact SKLZ toll free at 877-225-7275 x128.

CARE INSTRUCTIONS:

- » Do not store in extremely high or low temperatures to avoid damaging or reducing the life span of the Sport Radar.
- » Keep out of wet conditions or extremely humid environments.
- » To clean the face of the Sport Radar, use a damp cloth with mild soap on the Lexan screen, then wipe clean with a dry cloth.

SPORT RADAR SAFETY INFORMATION:

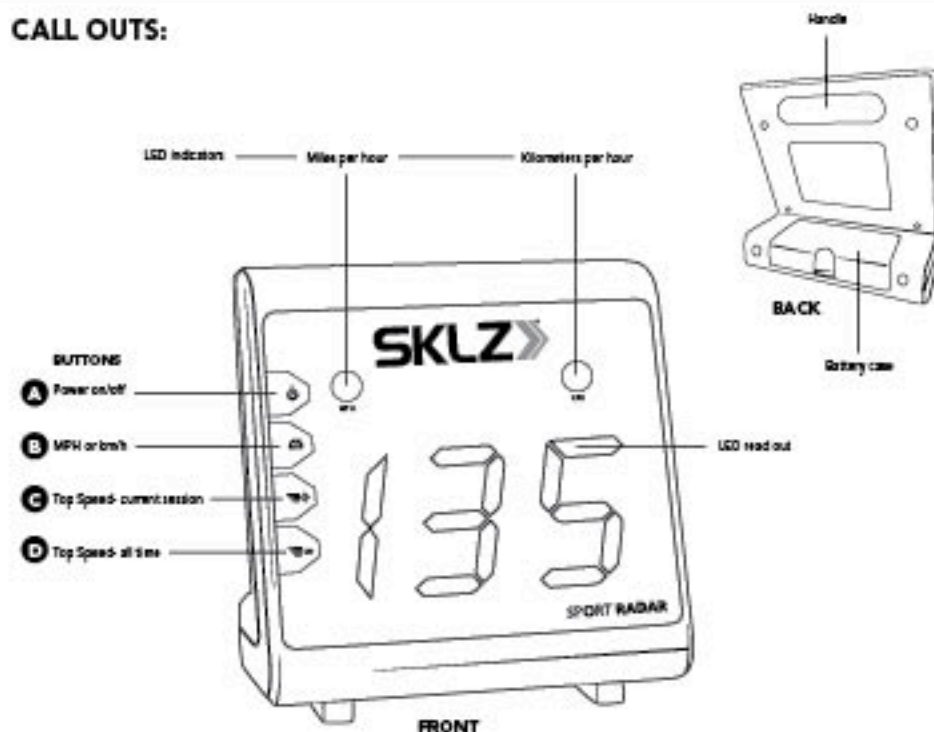
⚠ CAUTION

- » Do not store in extremely high or low temperatures. This could damage or shorten the life span of the Sport Radar.
- » Keep out of wet conditions or extremely humid environments. Do not submerge the Sport Radar in water. This could cause injury to the user and/or damage the product.
- » Do not point this unit directly toward the sun. This will cause the unit to give faulty readings.
- » Make sure there are no obstructions in front of the sensor while in use.

GENERAL FUNCTIONS:

- » The maximum readable speed measurement is 150 MPH or 199 km/h.
- » The minimum readable speed measurement is 14 MPH or 23 km/h
- » The unit turns off automatically after approximately 5 minutes of inactivity. Two dashed lines will be visible before turning off.
- » "LO" will be displayed on the screen when the batteries are low. This generally happens after a reading when the unit verifies the battery voltage. The unit is more susceptible to faulty readings when the batteries are low.

CALL OUTS:



BATTERY INSTALLATION:

- » To install the batteries, remove the battery door on the back of the unit by pushing on the thumb tab and lifting up. When inserting the batteries, make sure the negative end is put in against the spring (see diagram below).



STEP 1 – Push on the thumb tab and lift up.



STEP 2 – Insert the batteries negative end against the spring

BUTTON FUNCTIONS: (Refer to CALL OUTS for positions of buttons)



A To power on/off. Hold down the "A" button until "HI" appears in the LED display.



B Press the "B" button to switch the units of measurement between MPH and km/h.



C Press the "C" button to view the fastest speed during that "session". A session starts when the unit is powered on and ends when the unit is powered off.



D Press the "D" button to view the fastest speed ever recorded by the unit.

- » To reset all the stored data press and hold the power button "A" until 10 seconds after the display goes blank.

- » To change the minimum speed press and hold button "B" until a number appears. Use "C" button (up) and "D" button (down) to adjust the minimum speed that will register. To exit this mode press either "A" button or "B" button.

GETTING TOP PERFORMANCE FROM THE SKLZ SPORT RADAR

GENERAL GUIDELINES:

- » Place the unit as close to being directly in line with the ball flight as possible. The further the unit is away from the ball flight, the greater chance of faulty readings.
- » Make sure that nothing obstructs the sensor while in use.
- » Avoid other moving objects being in line with the sensor. The Sport Radar senses all movement, so eliminating any motion other than the ball will maximize the unit's performance.
- » When positioning the Sport Radar, make sure it is protected by a net or at a safe distance from any chance of impact.
- » Do not point the radar directly into the sun. This will cause the unit to give faulty readings.
- » The Speed Radar works with most types of baseballs and softballs. However, balls with synthetic covers may give inaccurate readings, or no readings at all. For best results, SKLZ recommends using leather baseballs and softballs with the Speed Radar.
- » The Speed Radar needs a good "view" of the ball to get accurate readings. Heavy nets that obstruct the Speed Radar's sensor can result in inaccurate or missed readings. If this is the case choose a location for the Speed Radar beside the net but be careful not to strike it with thrown balls.

USER POSITIONING:

- » The SKLZ Sport Radar is designed to work with a variety of balls, and can remain on for long training sessions, without needing a partner. Unlike hand-held radar guns, the Sport Radar detects over a large area and should be carefully set up to ensure top performance.
- » The user must be a minimum of 20 feet away from the unit to get a reading. For top performance, position the user between 35 and 50 feet from the unit. The further the user is outside this area, the greater the chance of inconsistent readings. (See Figure 1 to right).

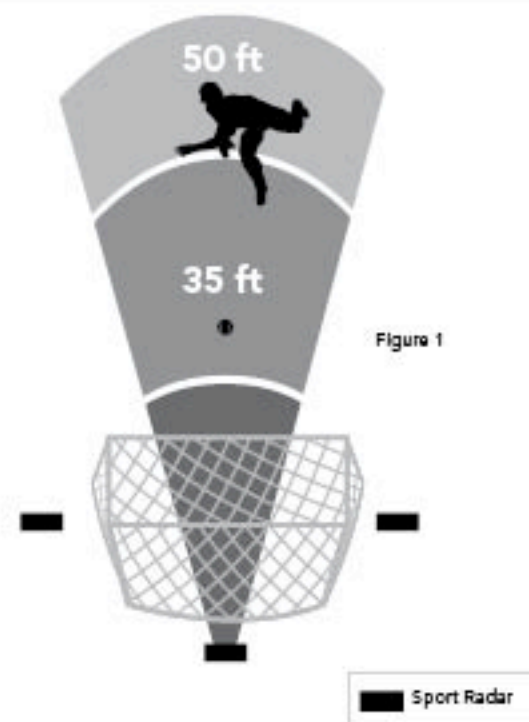


Figure 1

RADAR POSITIONING

BASEBALL, SOFTBALL (STANDARD POSITION):

It is important to align the Sport Radar as closely to the path of the ball as possible. The base of the Sport Radar is angled 16 degrees from the ground, which when used behind a pitchback or return net, aligns well with the path of a baseball pitched to the strike zone (see Figure 2 below, illustration features the SKLZ Quickstar Pitch Return).

Standard position also used for FOOTBALL and SOCCER.

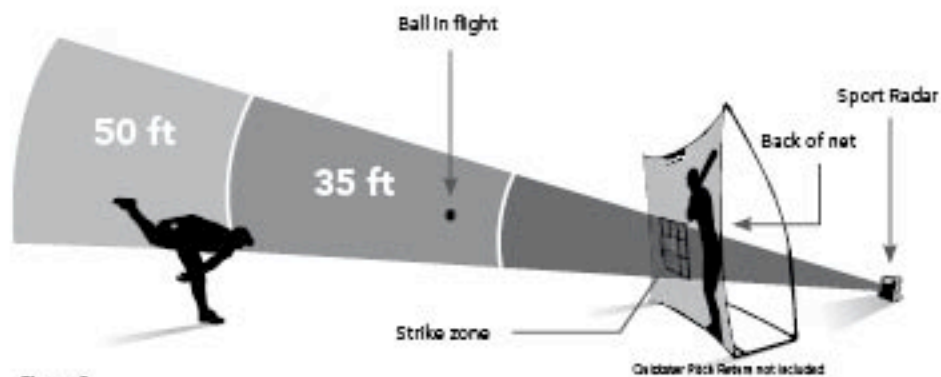


Figure 2

LACROSSE, TENNIS:

Some sports, like lacrosse or tennis, aim higher than a baseball strike zone. In this case you can place the Sport Radar on a stool, bucket or other pedestal to raise the "strike zone" to your desired height (see Figure 4 below, illustration features the SKLZ Quickstar Backstop).

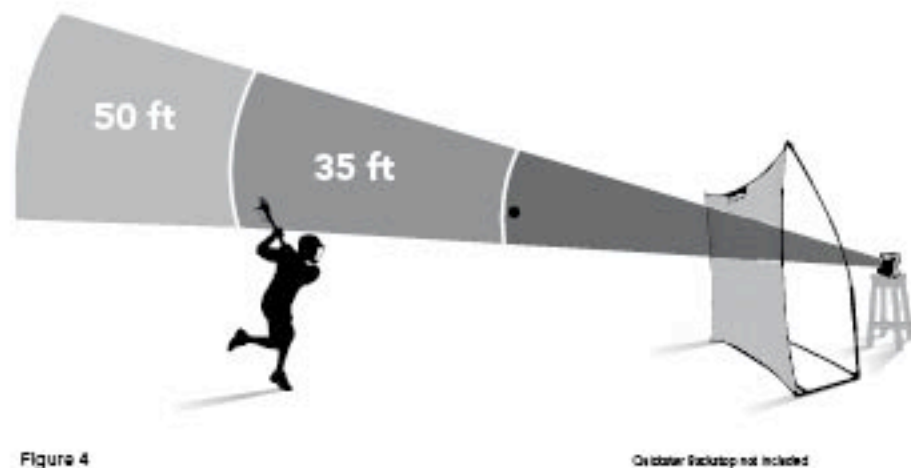
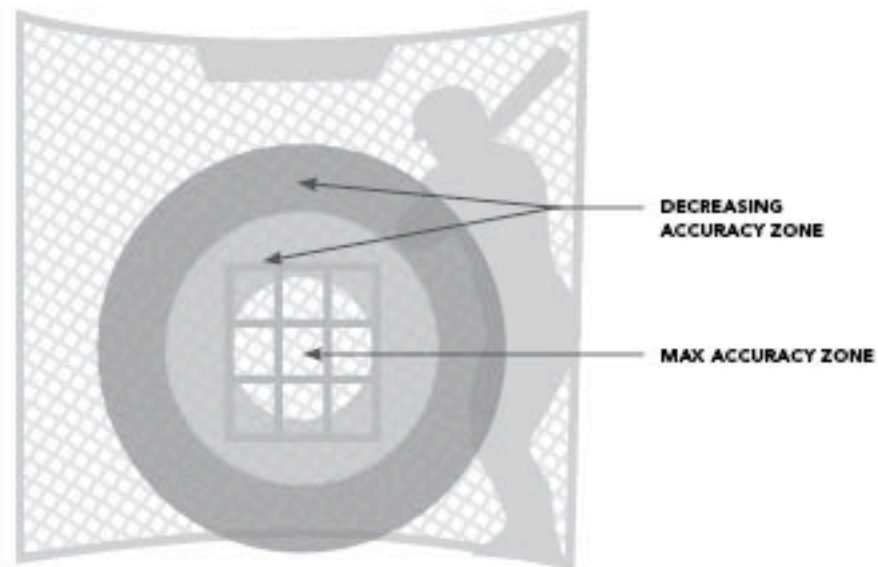


Figure 4

FOR DESIRED PERFORMANCE

- » Aim for the strike zone. Balls pitched outside the strike zone may not be detected or may register slower speeds.
- » Throw from beyond 20 feet from the unit.
- » Throw at a speed of greater than 20 MPH.



TROUBLESHOOTING:

PROBLEM	REASON	SOLUTION
Screen is blank or not giving readings.	The unit has timed out because of lack of activity, or the batteries need to be replaced.	Push the power button "A" to turn the unit back on, if the unit doesn't respond replace the batteries.
Unit is on but not giving accurate readings.	Sport Radar is not aligned with path of ball.	Follow "RADAR POSITIONING" and "USER POSITIONING" instructions.
	The ball may not be meeting the minimum speed requirement.	Refer to the "Button Functions" section on how to reset the minimum speed. The lowest minimum that can be set is 14 MPH or 23 km/h.
	Ball is thrown/shot too close to unit.	Maintain minimum distance of 20 feet from unit.
	Baseball or softball may have synthetic cover.	Use a leather baseball or softball.
	Non-alkaline or rechargeable batteries may be installed in unit.	Install non-rechargeable, alkaline batteries.

MODIFICATIONS (PART 15.21):

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by SKLZ may void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

EXPOSURE TO RADIO FREQUENCY RADIATION

CAUTION The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized. This product and any attached external antenna, if supported, shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

IDEA SUBMISSION

If you have an idea for a new and innovative sports training product, visit SKLZ.com to submit your concept. *Some restrictions may apply.*

LIMITED WARRANTY

REGISTER YOUR PRODUCT AT SKLZ.COM TO ENSURE WARRANTY COVERAGE, GET NEW PRODUCT INFORMATION AND SPECIAL DEALS FROM SKLZ

Pro Performance Sports (PPS) / SKLZ warrants to the original consumer purchaser of any PPS/SKLZ product it manufactures that the product will be free of defects in materials or workmanship for 90 days (unless specified in alternate warranties) from the date of purchase. If defective and purchased from a retail store, return the product along with receipt to the retail store where the product was purchased. If the item was purchased from PPS/SKLZ, return the product along with the packing slip (proof of purchase) postage prepaid to the address below for replacement consideration. Label: Attn: Returns

This warranty does not cover damages resulting from accident, misuse, abuse or lost merchandise. Only valid in the USA. All returns sent to PPS/SKLZ require a Return Merchandise Authorization number (RMA). For returns to PPS/SKLZ and for all other Customer Service inquiries, please call toll free, 1-877-225-7275 for a return authorization number for any exchange.

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FCC STATEMENT:

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

For further information, contact: Customer Service 877-225-7275