

BASEBALL PITCHING SPEED

FOR 2 PERSON USE (PITCHER AND COACH):

1. No need to install the tripod with radar. The coach hold the radar and face to the pitchers.



***ADVISED DISTANCE:**
The coach holds a speed radar. The position and height of the speed radar should be directly in the center of the target area. It is recommended that the pitcher throw from 30 feet to 50 feet from the target net.

SOCCER BALL SHOOTING SPEED

1. Please install tripod with radar and open the side LED display. Then place radar behind the target.



***ADVISED DISTANCE:**
Please place speed radar behind the center of the soccer goal. It is around 5-7 feet away from the target net.

LACROSSE BALL SHOOTING SPEED

1. Please install tripod with radar and open the side LED display. Then place radar behind the target.



***ADVISED DISTANCE:**
Please place speed radar behind the center of the lacrosse goal. It is around 5-7 feet away from the target net.

ICE HOCKEY PUCK SHOOTING SPEED

1. Please install tripod with radar and open the side LED display. Then place radar behind the target.



***ADVISED DISTANCE:**
Please place speed radar behind the center of the hockey goal. It is around 5-7 feet away from the target net.

RECOMMENDATION

1. Depends on type of sports, it may need to use tripod to get the more accurate readings.
2. Radar has angle adjustment function. Depends on type of sport, please adjust the best angle to have more accurate readings.
3. There are certain mathematical properties of Doppler Radar that affect the accuracy of personal sports radar. Please read Cosine effect on target. As a quick reference to accuracy, remember to keep your targets direction of travel in a direct line with you and not perpendicular.

COSINE EFFECT ON TARGET

1. The speed radar will measure the relative speed of a target as it approaches the radar gun. If the target is in a direct line with the radar gun the measured speed will be exact. As the angle of incidence increases, if you move either right or left of this direct line, the accuracy will decrease. The measured speed will decrease as you move off this centerline. This phenomenon is called the cosine effect.
2. 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.

TROUBLE SHOOTING

PROBLEMS	POSSIBLE CAUSES / SOLUTIONS
	Is the unit turned ON?
	If using batteries (AA), is each one of the Six batteries inserted correctly?
	Is the unit correctly aimed?
No speeds displayed	Is the ball passing directly at, over from the unit and is the object traveling at least within 6 ft. (2m) from the front face of the unit?
	Is the unit blocked and/or covered?
	For example, if the unit is positioned behind a soccer or lacrosse or hockey net, a person playing goalie will block the signal.
	What if the battery run out and you can't start the machine?
Erratic or "ghost"	The following are possible sources of:
	interference that, if in proximity your unit, may affect readings: Electric fans, large power lines, fluorescent lights, other transmitting devices, 2-way radios, or other RF transmitting devices.
Readings (digits flash on their own)	Rain, snow or heavy moisture in the air may cause interference.
	Inconsistent readings can also result from altering the positioning (angle and distance from target) of the unit -- see "offset" section on "Angle Error"
Batteries run down too quickly	Use higher quality Alkaline batteries.
LCD display shows the batteries signal	Please change batteries immediately.
Why can't measure low speed?	Please change the MS to SS, SS mode can measure low speed
If says it can read the speed of many sports. Why didn't read the speed of runners	It can read the speed of many sports such as baseball pitching speed, hitting baseball speed, baseball bat swing speed, soccer ball shooting speed, ice hockey puck shooting speed, lacrosse ball shooting speed. Don't advise to use on running speed.
Get an issue of how fast cars have been driving past the house. Why it seems to work fine for approximately 5 minutes, but shuts off automatically?	The radar doesn't measure any speeds for 5 minutes, it will enter into sleeping mode to save batteries usage and be turned off automatically. So we don't advise to measure the car speed.
Why doesn't give accurate speed?	The speed radar will measure the relative speed of a target as it approaches the radar gun. If the target is in a direct line with radar gun the measured speed will be exact. We only advised to use on baseball pitching speed, hitting baseball speed, baseball bat swing speed, soccer ball shooting speed, ice hockey puck shooting speed, lacrosse ball shooting speed, not good for other sports.

FCC STATEMENT

1. 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.
- * FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- 3. 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.
- 4. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.
- 5. For further information, please contact our customer service via email: sales@playaput.com

FCC ID:2BFC4RUYD1
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) the device must accept any interference received, including interference that may cause undesired operation.
RF exposure statement:
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

IC STATEMENT

1. This device complies with Industry Canada license-exempt RSS standards).
2. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
3. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
4. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
5. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC use-transmitter product procedures.
6. Cet appareil et son antenne (s) ne doit pas être co-localisées ou fonctionner en association avec une autre antenne ou transmetteur.

After-Sale Service:
If you have any questions about our product and service, please feel free to contact us.
E-mail: sales@playaput.com



PLAY HARD, PUT TO STUDY

DUAL DISPLAYS SPEED RADAR GUN

GOOD FOR BASEBALL/SOFTBALL SPORTS



MADE IN CHINA

PPSR8888