

Do you know how fast you really are?
The Speedscan radar can tell you.

- Accurately measure the speed of your delivery.
- Measure your performance in most sports such as baseball, hockey, tennis, squash, soccer, football, handball, running, skating and many more.
- Lightweight and easy to use. Unlike most radar guns, it does NOT require a second person to hold it and point on the target.
- Measures up to 150mph (199Km/h).
- Speech function announces speeds.
- Bright LED display can be easily seen from a distance.
- Automatic battery saver - Shuts off after 5 minutes of inactivity to extend battery life.

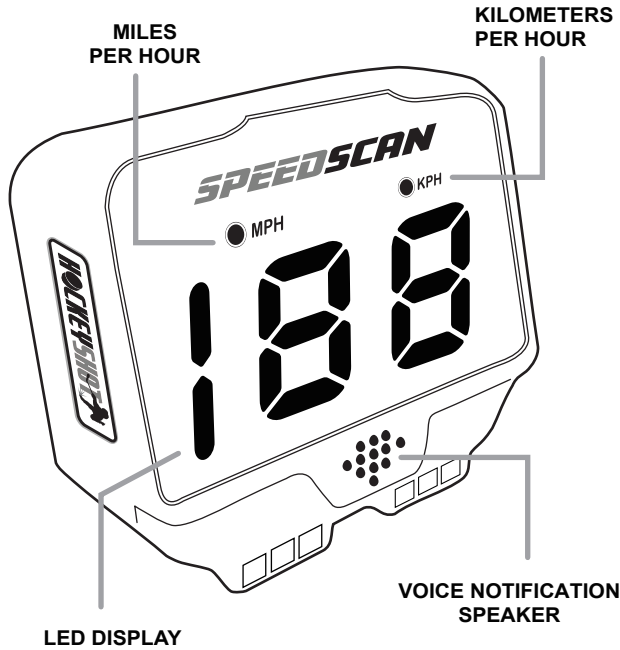
Specifications:

Battery type: 5pcs AA batteries (batteries not included)
Operating Time: Without Voice up to 50 working hours,
With Voice up to 30 working hours
Operating Temperature Range: 32 – 104F / 0 – 40°C

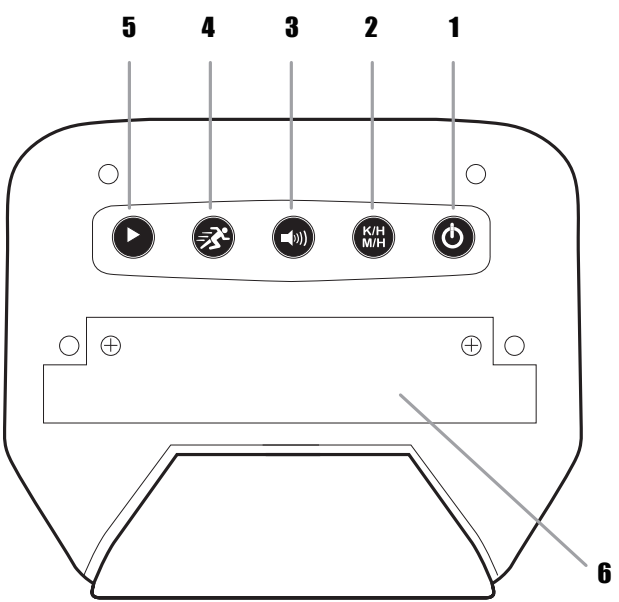
Product content:

1PC SpeedScan Radar
1PC Instruction manual

Front



Back



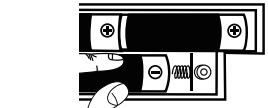
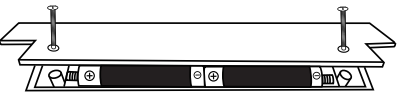
Instructions:
See page 5

Back

- 1 ON/OFF**
Push "On / Off" button to turn on Speedscan.
- 2 K/H M/H**
Push K/H (Kilometers per Hour) or M/H (Miles per Hour) button to choose which measurement you prefer.
The LED light will indicate which one you choose.
- 3 VOICE**
Push "Voice" button to have speaker announce the readings.
Push again to switch off.
- 4 SPEED FILTER**
Push Off: Capture all movements.
Push On: Filters out speeds below 25mph to ensure puck only and not stick movements.
- 5 PLAYBACK**
Push to Playback the last 10 recorded speeds.
- 6 Battery**
See page 6

BATTERY INSTALLATION:

The personal sports radar operates on 5 AA batteries. To install, please open the cover on the back of the unit.
After placing the batteries, put the cover back. The radar turns off automatically when it does not measure any speed after 5 minutes.
When battery power is low, the screen will show "Lo" and repeat in every 30 seconds until you replace with new ones.



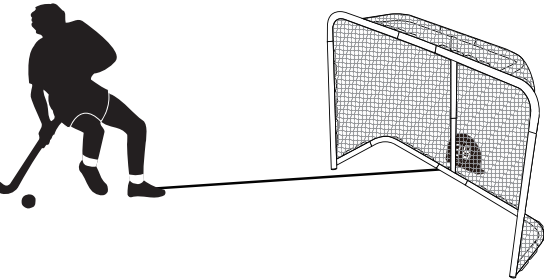
REQUIRES 5 x AA BATTERIES
(NOT INCLUDED)

SAFE BATTERY USAGE:

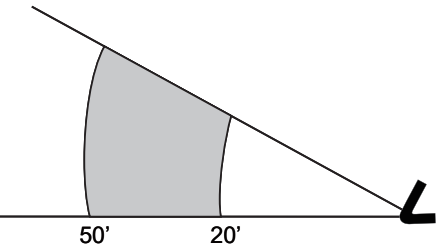
Use alkaline batteries for best performance and longer life. Use only the type battery recommended for the unit. Batteries should be replaced only by an adult. Insert batteries with the correct polarity (+ and -). Do not mix old and new batteries. Do not mix alkaline , standard(carbon-zinc), or rechargeable (nickel-cadmium) batteries. Do not short-circuit batteries. When not used for an extended time, remove batteries to prevent possible leakage and damage to the unit. Do not mix rechargeable and non-rechargeable batteries. Rechargeable batteries are to be removed from the toy before charging. Rechargeable batteries are to be recharged only under adult supervision. Do not recharge non-rechargeable batteries. Dead batteries are to be removed from the SpeedScan unit as soon as possible. Do not dispose of batteries in fire as they may leak or explode.

MEASURING HOCKEY SPEED:

It is the best to place the radar behind hockey net and face the player.



Recommended distance (Gray Area)



RECOMMENDATION:

- 1. Place SpeedScan unit right behind the target/goal area.
- 2. Please make sure the puck or ball is between 20-50 feet (6m - 15m) from SpeedScan units for more accurate readings.

COSINE EFFECT ON TARGET:

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 increase, 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. The phenomenon is called the cosine effect. The United States Federal Communications Commission (in 47 CFR15.105) has specified that the following notice be brought to the attention of users of this product.

Troubleshooting

Problems :	Possible Causes / Solutions:
No speeds displayed	Is the unit turned ON (indicated by a flashing unit's indicator lamp)?
	If using batteries ("AA"), is each one of the four batteries inserted correctly?
	Is the unit correctly aimed?
	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?
	Are there any external interference sources nearby (see below)?
	Is the unit blocked and/or covered? The SpeedScan unit should not be used while a goalie is in net. A clear light of sight between puck or ball and SpeedScan unit is required.

Troubleshooting

Erratic or "ghost" readings (digits flash on their own)	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
	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 earlier section on " Angle Error".
Batteries run down too quickly	Use higher quality Alkaline batteries
Unit displays "LO"	Your batteries are low on power—replace them immediately.

FCC CAUTION:

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
The equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED WARNING:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. 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.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Les communications effectuées au moyen de cet appareil ne sont pas nécessairement protégées des indiscretions.

The equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
Déclaration d'exposition aux radiations:
Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

WARRANTY POLICY:

HockeyShot warrants to the original purchaser of any HockeyShot product that the product will be free of defects in materials or workmanship for 12 months from the date of purchase. We ask you to save your proof of purchase, as it will be required part of the warranty process.
This warranty does not cover damages resulting from: Accident Misuse, Abuse, Anticipated wear, Lost Merchandise, or Damage from the elements or long-term storage with batteries installed.



SPEEDSCAN
Instruction Manual