

How It Works

The Pocket Radar™ is a Doppler speed radar system. It works as a speed detector by emitting a small pulse of radio waves in an invisible focused beam, similar in shape to a flashlight beam.



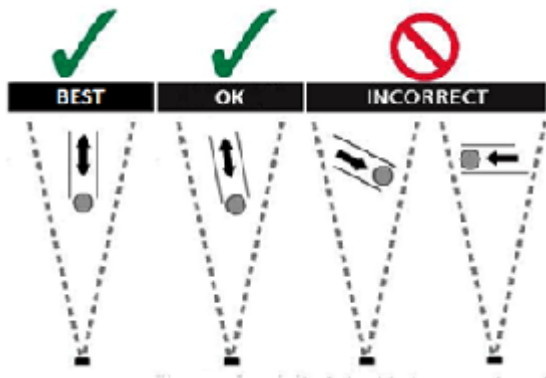
When the radio wave hits an object that is moving towards or away from the Pocket Radar™, a small amount of the wave reflects back.



The moving object modifies the reflected radio wave based upon how fast it is moving directly towards or away from the Pocket Radar™.

The Pocket Radar™ receives the reflected radio wave and compares it to the original transmitted radio wave. The Pocket Radar™ then calculates the speed of the moving object based upon the difference between the two radio waves.

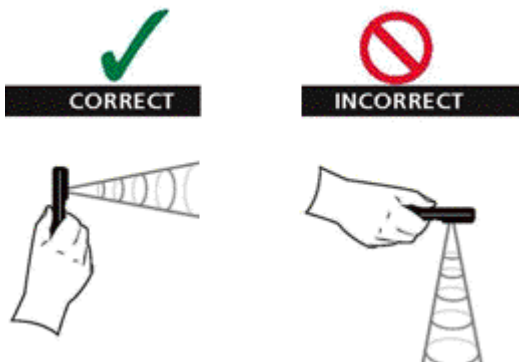
Note that the Pocket Radar™, like all Doppler speed radars, can only measure the speed of a moving object that is reasonably close to in-line with the direction of the radio wave beam. It cannot measure any motion side to side, across the radio wave beam. (NOTE: Never put yourself or others in a position where anyone could be hit by the moving object!)



The focused beam comes from the radar lens on the back of the unit directly behind the display.



Hold the Pocket Radar™ up vertically like a camera phone with the beam from the radar lens directly in line with the moving object you want to measure. Then "Press and Release" the big red button, like you're taking a picture, while the target object is in motion. The speed will appear on the display.



If the Pocket Radar™ display turned off and you missed the last speed reading, just press the recall button and it will re-appear. Continued pressing of the recall button allows you to view the last ten readings that you have taken.



SPEED AT THE CLICK OF A BUTTON