



# Speed Is Addictive.

# NFSC II NFSC IV

*Serve speed measurements makes tennis matches, contests, and training more precise and exciting for both players and spectators.*



The NFSC Tennis serve speed system delivers the most accurate serve speed measurements on the tennis court. This system is unique, and when properly installed virtually eliminates the cosine error, providing for the most accurate readings possible. No other fixed positioned radar unit, at any price can provide the same cosine error free accuracy as the NFSC System.

The NFSC System can be permanently installed, indoors or out to provide the tennis facility with optimum performance feedback for players and fans alike.

NFSC System II consists of two NFSC official radar units. The System II will provide accurate speed measurements from one end of the tennis court. NFSC System IV consists of four NFSC official radar units for full court coverage.

Both systems include a high bright, 8" LED display, and all the accessories needed for installation. Either 2 or 4 radar units connect to the display, which can read all inputs simultaneously. The fastest speed received will be the speed displayed.





If you are serious about offering your tennis club or facility members professional serve speed measuring equipment that will help the players and increase fan participation, the NFSC system is the most accurate, cost effective system available.



**Features of the NFSC Official Radar Unit:**

- ⊙ Speed Range: 10 to 175 MPH (40 to 240 Km/H)
- ⊙ Selectable Display Units in MPH or Km/H
- ⊙ Range: 40 feet typical
- ⊙ Programmable sensitivity/noise filter
- ⊙ Programmable MIN and MAX speed limit settings
- ⊙ Serial communications, 1200 baud
- ⊙ Weather resistant

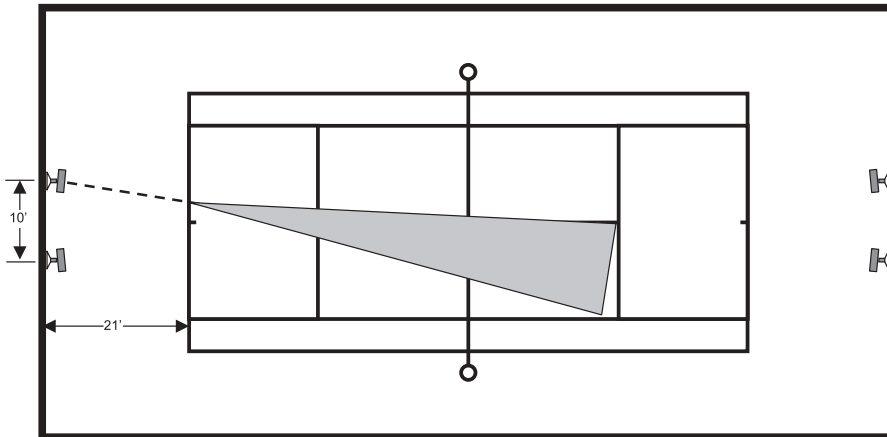


**Features of the DLT4 Display:**

- ⊙ High-bright 3 digit LED display
- ⊙ Ultra wide viewing angle
- ⊙ Visible typically from 300 feet away
- ⊙ 4 simultaneous data inputs
- ⊙ Multiple mounting options
- ⊙ Weather resistant

**Typical NFSC System IV installation showing optimum four radar positioning:**

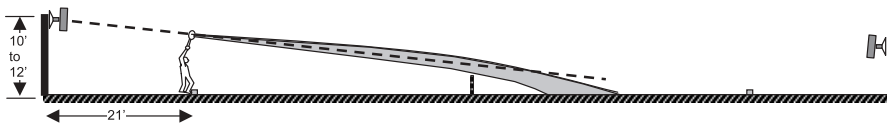
▼ NFSC System IV showing details for left side court serve.



Note the radar position (A) forms a straight line between ball launch position (B) and the center of the receiving court (C). The Shaded cone is the typical area where a tennis serve would start and end. The cone is about a 12 degree window. If the radar unit is positioned on the center line of this cone, the worst case (\*) COSINE ERROR would be 0.9945, or about 1/2 percent resulting in a 100 MPH serve to possibly be displayed as 99 MPH.

(\*) Greater angles of the serve are possible and will increase the COSINE ERROR.

▼ NFSC System IV showing side view details.



Note the cone of ball flight is typically narrower, so the cosine error will be less in the horizontal line as long as the radar unit is mounted 10 to 12 feet high (on the back fence) on a standard 21 foot base to backstop distance.

1 Year Limited Warranty

MADE IN THE USA



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