

## ONE YEAR WARRANTY

THIS PRODUCT IS WARRANTED TO BE FREE OF MANUFACTURING DEFECTS FOR A 1-YEAR PERIOD FROM THE ORIGINAL CONSUMER DATE OF PURCHASE. THE WARRANTY DOES NOT INCLUDE DAMAGE TO THE PRODUCT RESULTING FROM ACCIDENT, MISUSE, IMPROPER INSTALLATION, OPERATION, OR UNAUTHORIZED REPAIR OR ALTERATION. OPENING THE PRODUCT CASE WILL VOID THIS WARRANTY. IF THE PRODUCT SHOULD BECOME DEFECTIVE WITHIN THE WARRANTY PERIOD, SPORTS RADAR LTD., WILL REPAIR OR REPLACE IT AT OUR OPTION, FREE OF CHARGE. YOU MUST FILL OUT AND RETURN THE ENCLOSED REGISTRATION FORM TO ENSURE WARRANTY COVERAGE FAILURE TO FILL OUT REGISTRATION FORM MAY VOID WARRANTY. TO OBTAIN WARRANTY SERVICE, FIRST CONTACT SPORTS RADAR'S WARRANTY REPAIR DEPARTMENT, THEN, UPON APPROVAL, SEND THE UNIT AT PURCHASER'S COST TO:

SPORTS RADAR, LTD., 9119 W. VETERANS DR., HOMOSASSA, FL 34448

RETURN SHIPPING TO PURCHASER WILL BE AT SPORTS RADAR LTD.'S COST INSIDE THE 48 CONTINENTAL UNITED STATES, INTERNATIONAL SHIPPING IS THE SOLE RESPONSIBILITY OF THE PURCHASER.

THE CONSUMER'S SOLE REMEDY SHALL BE SUCH REPAIR OR REPLACEMENT AS IS EXPRESSLY PROVIDED ABOVE, AND WE SHALL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT FOR ANY PURPOSE WHATSOEVER. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU

## SPECIFICATIONS: Ds400B and Ds400BL

Mechanical: width 12-1/4", height 6-3/8", depth 1-1/2"; weight 1.65lb.

Display Type: Liquid Crystal, reflective type, Ds400BL has White LED Backlights

Character height: 4 inches

Power: 6VDC, 75mA (without backlights), supplied via RJ45 connector or optional 6VDC Transformer.

Operating Temperature: 40-110 deg F Storage Temperature 30-125 deg F

## OPTIONAL ACCESSORIES

WA-6VDC: External power supply that plugs into a standard house-hold 110VAC electrical outlet. For use with the Radar guns, Ds400B and Ds400BL displays.

\***Extender RJ45 cables:** sold in 25' and 50' lengths, can be stacked up to 200 feet between the radar gun and the Ds400 Displays. Rj45 must have coupler to extend.

**Table Top Stand:** 4" stand for holding the Displays or Radar gun. Overall height with the DS400 display is 10.5", Overall height with the Radar Gun is 11.5"

\***TRI-POD:** For mounting the Display or Radar Gun at various heights on a playing fields. Tri pod has universal mounting 1/4-20 threads that will work with most cameras and camcorders.

# Sports Radar Ltd.

PRECISION TRAINING INSTRUMENTS

Instruction Manual

DS400B and DS400BL (With Backlight)



[HTTP://WWW.SPORTSRADARGUN.COM](http://www.sportsradargun.com) MADE IN U.S.A.

## CONGRATULATIONS

YOU ARE THE PROUD OWNER OF THE SPORTS RADAR DS400B A REMOTE DISPLAY WITH BACKLIGHTING AND OR RLD REMOTE DISPLAY LINK, DESIGNED TO PROVIDE COACHES, SPORTS ENTHUSIAST AND FANS THE SAME VISIBILITY TO PERFORMANCE AS THE USERS. PLEASE READ THIS MANUAL BEFORE OPERATING YOUR NEW PRODUCT(S).

If at any time you need additional information, or experience problems with your Sports Radar product, please contact Sports Radar, Ltd. directly.

All warranty information is located at our offices, therefore it is important that you contact us, not your retailer. Nothing will be accepted by Sports Radar, Ltd. without proper return authorization. Information an authorization number may be obtained by writing or calling our offices or log on to [www.sportsradargun.com](http://www.sportsradargun.com) and fill out the RMA request..

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Contact your retailer for available accessories.

# Ds400B and DS400BL

Both the Ds400B and Ds400BL are large displays that allow the fans and other participants to see speed readings and MPH or KPH, in real time. The Ds400B does not include the optional backlighting that the Ds400BL has, allowing visibility in dimmer lighting conditions. They are complete with mounting hardware to allow for easy hanging from almost anything.

Both models can be powered through the Radar Gun via the connected Data Port RJ45 cable or with the optional 6-9VDC Power adapter. It is recommended that the external power supply (WA-6VDC) be used for the radar gun. When operating with a radar gun on batteries, the added power requirements of the DS400BL backlights will reduce battery life considerably. Both models will automatically power up when the Radar Gun is connected and will cycle through a power up sequence by displaying 999 - 888 - 777...etc... 111 - 000, and is then ready to display speeds.

The average visibility distance of the DS400B and DS400BL are dependant on the lighting conditions. Typically, in daylight conditions both can be seen up to 100 feet, and 50 feet with indoor typical lighting. The Ds400B has a reflective type display that requires ambient light to be visible, low or dim lighting conditions will reduce the effective viewing distance. Forward lighting, or pointing a light source at the Display will enhance the viewing distance in low light conditions. The Ds400BL has the option of backlights allowing for clearer visibility where there is little to no ambient lighting.



Ds400(X) with optional Tri Pod stand



**DO NOT CONNECT ANY SPORTS RADAR EQUIPMENT TO A PC OR OTHER TERMINAL EQUIPMENT.**

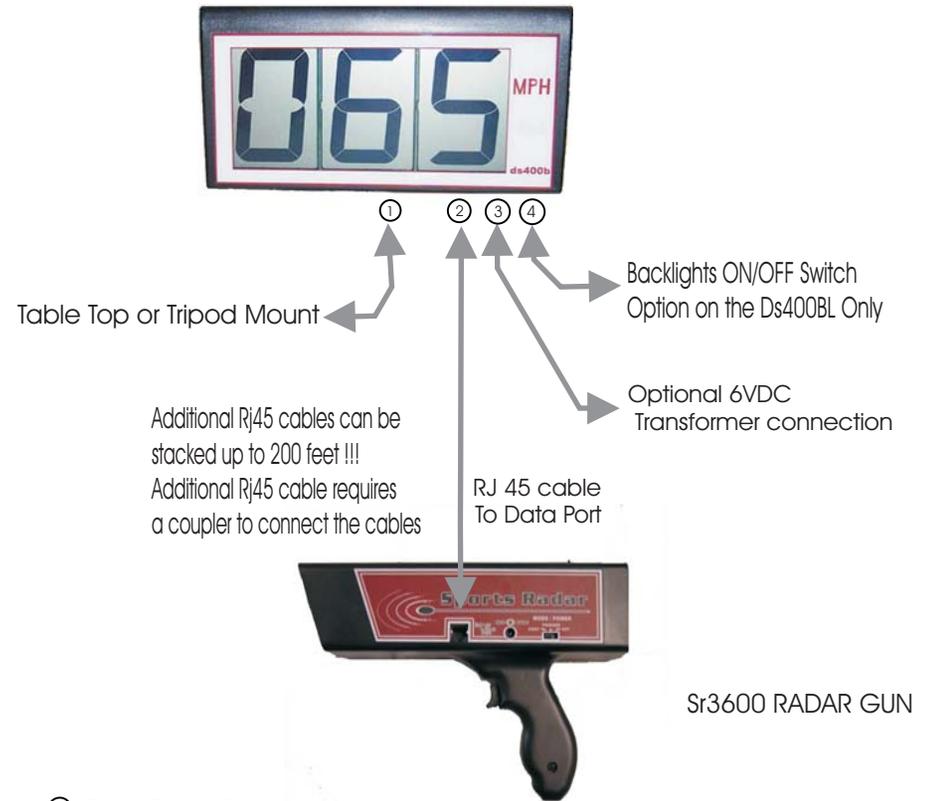
The DS400B has a standard 1/4-20 tripod mounting nut, so it can be located for best viewing based on the application anywhere!!

# Ds400B and Ds 400BL

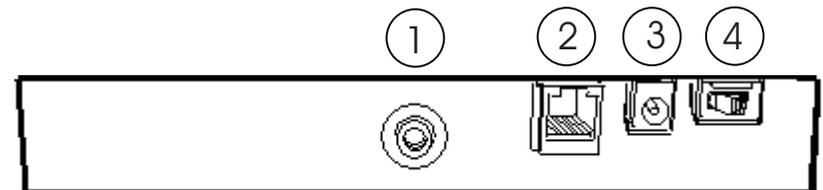
## Connecting the DS400B and DS400BL to the radar gun:

The DS400 is simply connected by attaching the RJ 45 cable from the Radar Gun Data Port to the DS400B(BL). The RJ45 cable provides the power to the DS400B(BL).

Ds400B shown with Optional table top stand



- ①- Table Top or Tripod Mount
- ②- Rj45 connector, to Sr3600 DataPort
- ③- WA-6VDC power connection
- ④- Ds400BL only, Backlights ON/OFF Swith



Ds400B and Ds400BL Bottom connections view