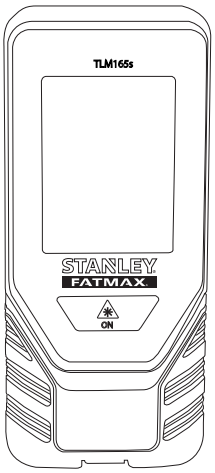
STANLEY®
FATMAX®

TLM165S, TLM165SI, TLM330S
User Manual



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www.2helpU.com

Please read these instructions before operating the product.

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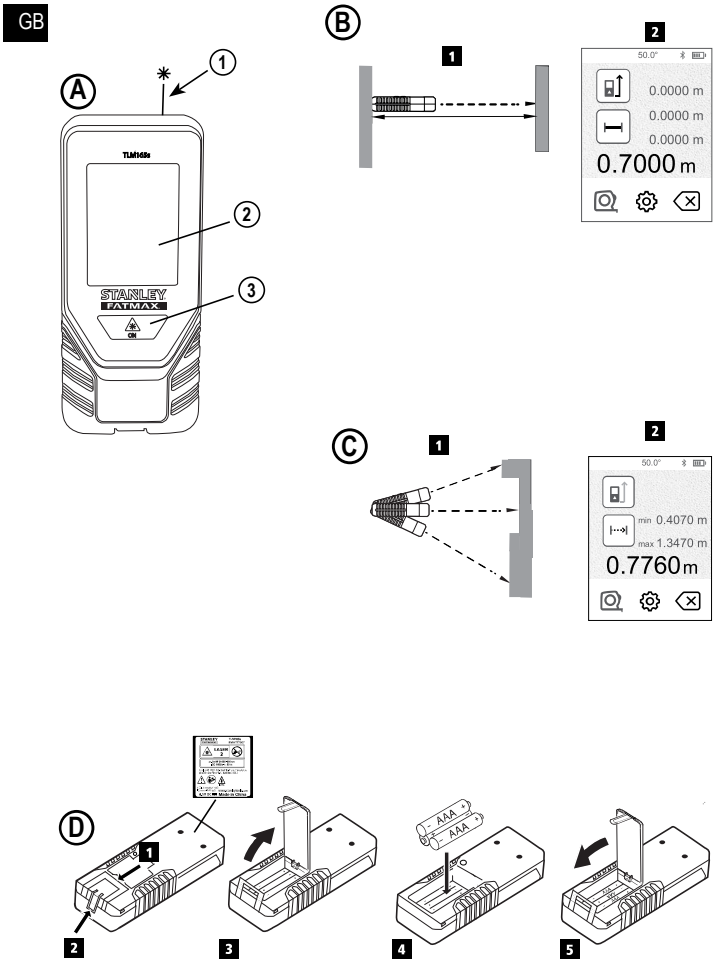
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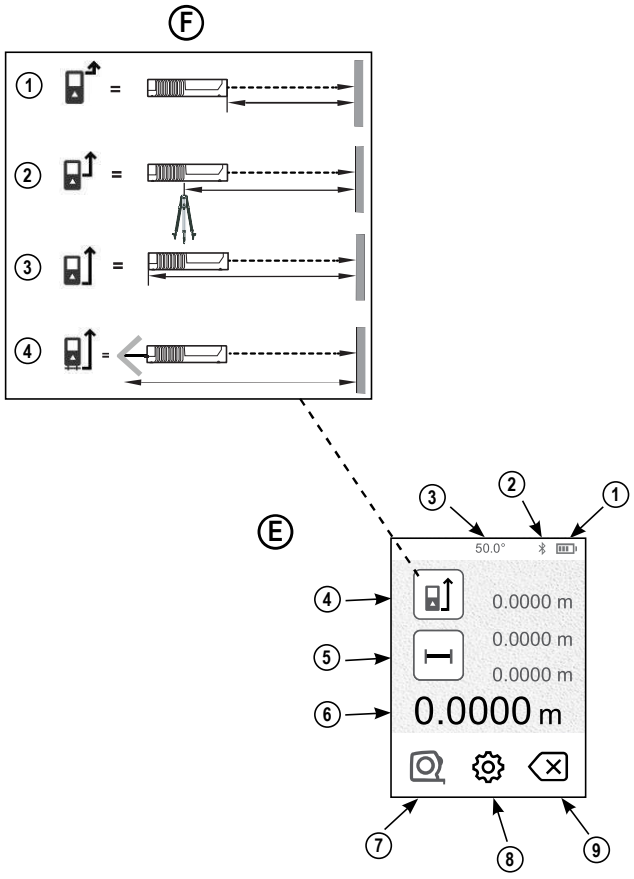
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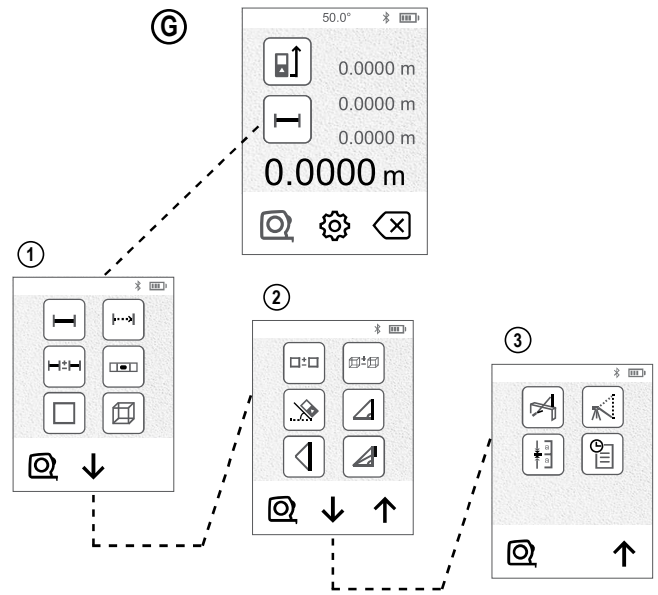
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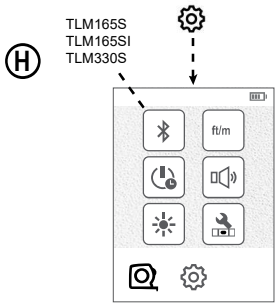
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TLM165S
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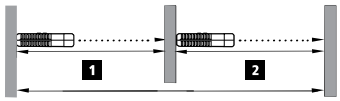
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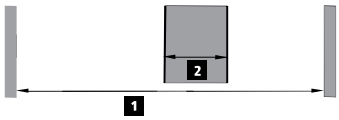
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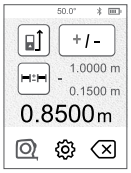
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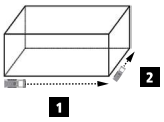
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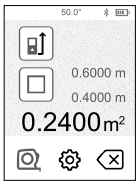
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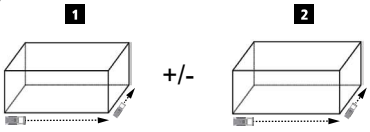
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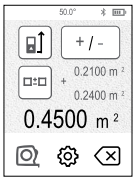
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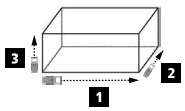
GB Ⓜ



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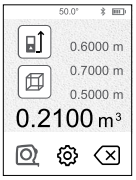

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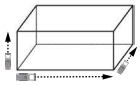

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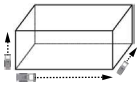

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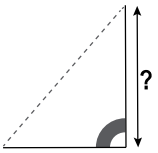

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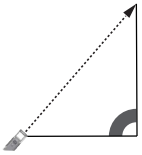

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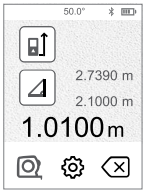

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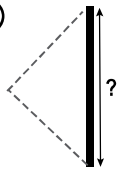

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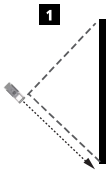

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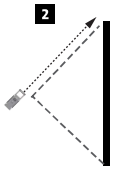

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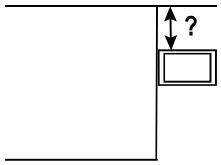

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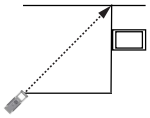

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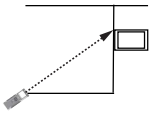

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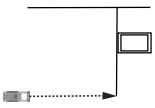

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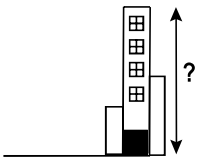

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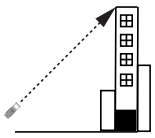

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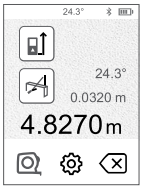

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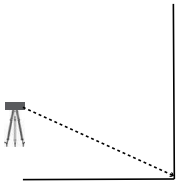

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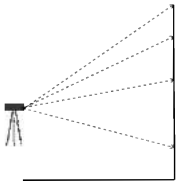

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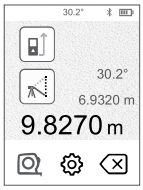

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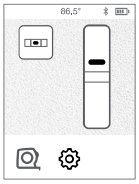

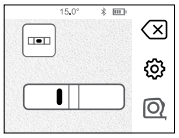

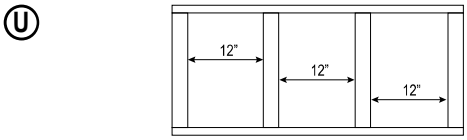
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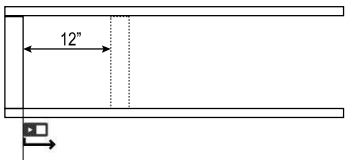
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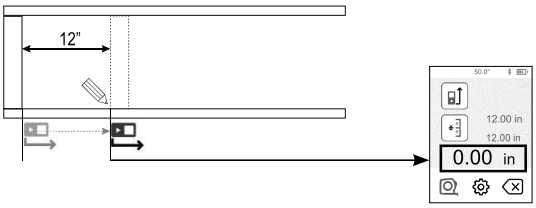
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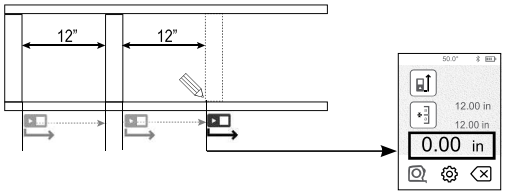
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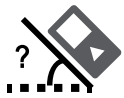

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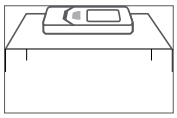

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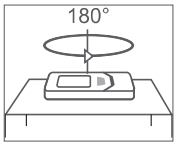

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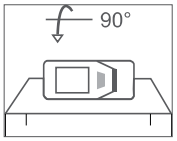

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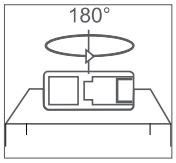

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Contents

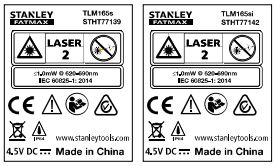
- User Safety
- Battery Safety
- Setup (Load Batteries)
- Operation
- Warranty
- Error Codes
- Specifications

Retain all sections of this manual for future reference.

User Safety

WARNING:
Carefully read the Safety Instructions and Product Manual before using this product. The person responsible for the product must ensure that all users understand and adhere to these instructions.

WARNING:
The following label information is placed on your laser tool to inform you of the laser class for your convenience and safety.





The TLM165S/TLM165SI/TLM330S tool emits a visible laser beam, as shown in Figure A. The laser beam emitted is Laser Class 2 per IEC 60825-1 and complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.

WARNING:
While the laser tool is in operation, be careful not to expose your eyes to the emitting laser beam (red light source). Exposure to a laser beam for an extended time period may be hazardous to your eyes. Do not look into the beam with optical aids.

WARNING: To reduce the risk of injury, user must read the Product User manual, Laser Safety manual, and Battery Safety information.

EC-Declaration of Conformity

Radio Equipment Directive

CE

Stanley Laser Distance Measurer
TLM165S, TLM165SI and TLM330S
Stanley hereby declares that the Stanley Laser Distance Measurer TLM165S/TLM165SI/TLM330S is in compliance with the Directive 2014/53/EU and to all applicable EU directive requirements.

The full text of the EU Declaration of Conformity can be requested at Stanley Tools, Egide Walschaertsstraat 14-16, 2800 Mechelen, Belgium or is available at the following internet address: ***www.2helpU.com***.

Search by the Product and Type Number indicated on the nameplate.

Battery Safety

WARNING: Batteries can explode or leak and cause serious injury or fire**.** To reduce the risk:

ALWAYS follow all instructions and warnings on the battery label and package.

DO NOT short any battery terminals.

DO NOT charge alkaline batteries.

DO NOT mix old and new batteries. Replace all of them at the same time with new batteries of the same brand and type.

DO NOT mix battery chemistries.

DO NOT dispose of batteries in fire**.**

ALWAYS keep batteries out of reach of children.

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ALWAYS remove batteries if the device will not be used for several months.

NOTE: Ensure that the recommended batteries are used.

NOTE: Ensure the batteries are inserted in the correct manner, with the correct polarity.

Loading Batteries

1. Pull up the endpiece on the back of the tool (Figure Ⓓ ①).
2. Pull up the battery compartment latch on the back of the tool (Figure Ⓓ ② and Ⓓ ③).
3. Insert three AAA batteries, making sure to position the **-** and **+** ends of each battery as noted inside the battery compartment (Figure Ⓓ ④).
4. Push the battery door down until it snaps in place (Figure Ⓓ ⑤).

When the tool is ON, the battery level appears on the screen (Figure Ⓔ ①).

Turning the Tool On

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Click (Figure Ⓐ ③) to turn the tool on and display the red laser dot.

Choosing the Settings

Setting Automatic Turn Off

By default, the tool will automatically turn off 90 seconds after no buttons or options have been selected. To change when the tool turns off automatically, follow these steps.

1. On the touchscreen, click (Figure Ⓔ ⑧).
2. On the Settings Menu (Figure Ⓗ), click .
3. Select the time.
   - Choose to turn the tool off after 30 sec, 60 secs, 90 secs, or 300 secs.
   - To keep the tool turned on until you manually turn it off (by pressing and holding for 10 seconds), click ∞.
4. Click to return to the previous screen.

Setting Screen Brightness

By default, the tool's screen will be set at 25% brightness. To change the brightness level, follow these steps.

1. On the touchscreen, click (Figure Ⓔ ⑧).
2. On the Settings Menu (Figure Ⓗ), click .
3. Select the desired brightness level: 25%, 50%, 75%, or 100%.
4. Click to return to the previous screen.

Turning Off the Sound

By default, the tool will beep each time you take a measurement. You can turn off the beeps.

1. On the touchscreen, click (Figure Ⓔ ⑧).
2. On the Settings Menu (Figure Ⓗ), click to display .
3. Click to return to the previous screen.

Changing the Unit of Measure ft/m

By default, the tool will display measurements in meters (1.8940 m). You can change the unit of measure to fractional ft (6'02"9/16), inches (74 9/16 in), decimal ft (6.21 ft), or decimal inches (3.21 in).

1. On the touchscreen, click (Figure Ⓔ ⑧).
2. On the Settings Menu (Figure Ⓗ), click **ft/m**.

3. Click the desired unit of measure.
   - 0'00" 0/00
   - 0" 0/00
   - 0'00" ft
   - 0.00 in
   - 0.0000 m
4. Click to return to the previous screen.

Choosing the Tool Position

By default, distances are measured from the **bottom** of the tool to a wall or object (Figure Ⓕ ③). To measure distances from a different tool location, follow these steps.

1. On the touchscreen, select (Figure Ⓒ ④).
2. Select the tool position.
   - To measure from the **top** of the tool (Figure Ⓕ ①), click .
   - To measure from the **tripod connection** on the tool (Figure Ⓕ ②), click .
   - To measure from a corner or another hard-to-reach location with the **endpiece** flipped open at the bottom of the tool (Figure Ⓓ ①), click (Figure Ⓕ ④) to measure from the **end of the endpiece**.
3. Click to return to the previous screen.

Taking Measurements

Measuring Distance

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ①).
5. Point the tool's laser (Figure Ⓐ ①) toward the wall or object whose distance you need to measure (Figure Ⓑ ①).
6. Press to measure the distance from the tool to the wall or object.
7. At the bottom of the screen, view the current measurement (Figure Ⓑ ②).

To take a new measurement, press to move the current measurement up to the previous line on the screen. Then repeat steps 3-6.

Adding 2 Measurements

You can add two measurements to get a total measurement of the two distances (Figure Ⓘ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ①).
5. Select **+** to indicate that you want to add measurements.
6. Point the tool's laser toward the first wall or object whose distance you need to measure (Figure Ⓘ ①).
7. Click to measure the distance from the tool to the wall or object.
8. Point the tool's laser toward the next wall or object (Figure Ⓘ ②).
9. Press to measure the distance and add it to the previous measurement.
10. View the total of the two measurements at the bottom of the screen (Figure Ⓘ ③).

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Subtracting 2 Measurements ⊢±⊢

You can subtract one measurement from another (Figure Ⓙ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If ⊢±⊢ is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select ⊢±⊢ from the list of functions (Figure Ⓖ ①).
5. Select **-** to indicate that you want to subtract one measurement from another.
6. Point the tool's laser toward the wall or object whose distance you need to measure (Figure Ⓙ ①).
7. Press ON to measure the distance from the tool to the wall or object.
8. Point the tool's laser toward the next wall or object (Figure Ⓙ ②).
9. Press ON to measure the distance and subtract it from the previous measurement.
10. View the difference between the two measurements at the bottom of the screen (Figure Ⓙ ③).

Measuring Continuously |⋯|

To take a series of measurements as you move around, change to Continuous Measure mode (Figure Ⓒ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If |⋯| is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select |⋯| from the list of functions (Figure Ⓖ ①).
5. Point the tool's laser (Figure Ⓐ ①) toward the wall or object whose distance you need to measure (Figure Ⓒ ①).
6. At the bottom of the screen, view the current measurement (Figure Ⓒ ②), which will keep changing as you move the tool.
7. To take the current measurement (from the tool to the wall or object) and exit Continuous Measure mode, press ON.

To take a new measurement, press ON to move the current measurement up to the previous line on the screen. Then repeat steps 4-8.

Measuring Area □

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If □ is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select □ from the list of functions (Figure Ⓖ ①).
5. Measure the **width** (Figure Ⓚ ①).
   - Position the tool at one end of the wall, floor, or object and point the laser dot across the width. (Figure Ⓚ ① shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the width measurement at the top of the screen.

6. Measure the **length** (Figure Ⓚ ②).
   - Position the tool at one end of the wall, floor, or object and point the laser dot across the length. (Figure Ⓚ ② shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the length measurement on the second line of the screen.
7. View the **Area** measurement at the bottom of the screen (Figure Ⓚ ③).

Adding/Subtracting 2 Areas □±□

You can measure the area of a wall, floor, or object and then add it to, or subtract it from, the area of another wall, floor, or object (Figure Ⓛ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If □±□ is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select □±□ from the list of functions (Figure Ⓖ ②).
5. Click **+** to add, or **-** to subtract, the areas of two walls, floors, or objects.
6. Measure the **width** of the first wall, floor, or object (Figure Ⓛ ①).
   - Position the tool at one end of the target (wall, floor, or object) and point the laser dot across the width. (Figure Ⓛ ① shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the width measurement at the top of the screen.
7. Measure the **length** of the first wall, floor, or object (Figure Ⓛ ②).
   - Position the tool at one end of the target and point the laser dot across the length. (Figure Ⓛ ② shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the length measurement on the second line of the screen.
8. Follow the same steps to measure the **width** and **length** of the second wall, floor, or object.
9. View the **Area** measurement at the bottom of the screen (Figure Ⓛ ③).

Measuring Volume

You can measure the volume of a room or object (Figure Ⓜ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ①).
5. Measure the **width** (Figure Ⓜ ①).
   - Position the tool at one end of the room or object and point the laser dot across the width. (Figure Ⓜ ① shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the width measurement at the top of the screen.
6. Measure the **length** (Figure Ⓜ ②).
   - Position the tool at one end of the object and point the laser dot across the length. (Figure Ⓜ ② shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the length measurement on the second line of the screen.

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7. Measure the **height** (Figure Ⓜ ③).
   - Positon the tool at one end of the object and point the laser dot across the height. (Figure Ⓜ ③ shows where to position the tool if you are measuring from the **bottom** of the tool).
   - Press ON to display the height measurement on the third line of the screen.
8. View the **Volume** measurement at the bottom of the screen (Figure Ⓜ ④).

Adding/Subtracting 2 Volumes

You can measure the volume of room or object and then add it to, or subtract it from, the volume of another room or object (Figure Ⓝ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ②).
5. Click **+** to add, or **-** to subtract, the volumes of two objects.
6. Measure the **width** (Figure Ⓝ ①).
   - Position the tool at one end of the object and point the laser dot across the width. (Figure Ⓝ ① shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the width measurement at the top of the screen.
7. Measure the **length** (Figure Ⓝ ②).
   - Position the tool at one end of the object and point the laser dot across the length. (Figure Ⓝ ② shows where to position the tool if you are measuring from the **bottom** of the tool.)
   - Press ON to display the length measurement on the second line of the screen.
8. Measure the **height** (Figure Ⓝ ③).
   - Position the tool at one end of the object and point the laser dot across the height. (Figure Ⓝ ③ shows where to position the tool if you are measuring from the **bottom** of the tool).
   - Press ON to display the height measurement on the third line of the screen.
9. Follow the same steps to measure the **width**, **length**, and **height** of the second room or object.
10. View the **Volume** measurement at the bottom of the screen (Figure Ⓝ ④).

Measuring the Height of a Tall Object

If you need to measure the height of a tall object (e.g., a tall building), you can calculate the height based on the distance to 1 point or the distances **from the same point** to 2 points on the object. The tool will use the Pythagorean Theorem ($C^2=A^2+B^2$) to calculate the height.

Distance to 1 Point

You can use the distance to one point on a wall or object (Indirect Height) to determine its height (Figure Ⓞ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ②).
5. Position the tool opposite the bottom of the vertical height to be measured (Figure Ⓞ ①).
6. Point the laser toward the highest point of the building or object whose height you need to measure (Figure Ⓞ ①).
7. Press ON to measure the distance.
8. View the height measurement at the bottom of the screen (Figure Ⓞ ②).

Distances to 2 Points

You can use the distance to two points on a wall or object (Double Indirect Height) to determine its height (Figure Ⓟ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ②).
5. Position the tool opposite the approximate center of the vertical height to be measured (Figure Ⓟ ①).
6. Point the laser toward the lowest point of the building or object whose height you need to measure (Figure Ⓟ ①).
7. Press ON to measure the distance.
8. **From the same point**, aim the laser at the highest point of the building or object (Figure Ⓟ ②).
9. Press ON to measure the distance.
10. On the bottom line of the screen, view the height of the building or object (Figure Ⓟ ③).

Measuring Partial Height

If you need to determine the height of a section of a wall or object (e.g., the distance from the ceiling to the top of TV or window on the wall) (Figure Ⓠ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ②).
5. Point the laser at the highest point of the wall or object (Figure Ⓠ ①).
6. Press ON to measure the distance to the top of the object.
7. **From the same point**, aim the laser at the top of the obstruction (TV, window, etc.) on the wall or object (Figure Ⓠ ②).
8. Press ON to measure the distance from the top of the wall to the obstruction.
9. **From the same point**, aim the laser on a horizontal line straight ahead toward the bottom of the wall (Figure Ⓠ ③).
10. Press ON to measure the distance.
11. On the bottom line of the screen, view the distance between the top of the wall and the top of the obstruction on the wall (Figure Ⓠ ④).

Measuring Height of Obstructed Object

Follow these steps to determine the height of a tall building or object that is blocked by other buildings or objects (Figure Ⓡ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ③).
5. Point the laser at the highest point of the building, wall, or object (Figure Ⓡ ①).
6. Press ON to take the measurement.
7. On the bottom line of the screen, view the height of the building or object (Figure Ⓡ ②).

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Measuring from a Tripod

If you are placing the tool on a tripod to measure the height of a tall building, follow these steps (Figure Ⓢ).

1. Screw the 1/4-20" hole on the back of the tool onto the 1/4-20" connection on the top of your tripod (Figure Ⓢ ①).
2. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
3. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
4. Make sure the tool position setting (Figure Ⓔ ④) is to measure from the tripod connection.
5. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ③).
6. Point the laser at the lowest point of the wall or object whose height you need to measure (Figure Ⓢ ②).
7. Press ON to take the measurement.
8. Point the laser at other points on the wall or object (Figure Ⓢ ③).
9. When ready, press ON to take the measurement.
10. On the bottom line of the screen, view the height of the wall or object (Figure Ⓢ ④).

Positioning Studs

When you are framing a wall, use the Stakeout feature to easily mark the position of each stud (Figure Ⓤ).

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is set to to measure from the back of the tool.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ③).
5. Determine the distance between each stud, for example, 12".
6. Click + and - until the top number on the screen is set to the distance from the right edge of one stud to the left edge of the next (e.g., 12") (Figure Ⓤ ①).
7. Line up the back of the tool with the right edge of the last stud that is nailed in (Figure Ⓤ ②).
8. Press ON to start measuring the distance as you slowly move the tool to the right.
9. Continue moving the tool to the right until the bottom number on the screen is 0.00 in (Figure Ⓤ ③).
10. Press ON to stop measuring.
11. Using a pencil, mark the location where the left edge of the stud should be nailed into the wall frame.
12. Nail the left edge of the stud at the marked location.
13. For each remaining stud in the wall frame, repeat steps 7-12 (Figure Ⓤ ④).

Measuring an Angle

If you need to determine the angle at which something is positioned, use the tool to measure that angle.

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.
2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.
3. Make sure the tool position setting (Figure Ⓔ ④) is correct for taking the measurement.
4. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ②).

5. Position the tool at the angle to be measured (Figure Ⓥ ①).

6. Press ON to take the measurement.

7. If you are measuring an angle that is at a distance (e.g., overhead), click to lock the measurement on the screen before you move the tool.

8. Before using the tool again, click to unlock the measurement (Figure Ⓥ ②).

Using the Tool as a Level

1. Point the tool's laser (Figure Ⓐ ①) toward a wall or object, and not toward anyone's eyes.

2. Press ON (Figure Ⓐ ③) to turn the tool on and display the red laser dot.

3. If is not already displayed as the current function (Figure Ⓒ ⑤), click the current function icon and then select from the list of functions.

4. Place the tool in the vertical or horizontal position on the surface that you want to check is level.

5. On the tool's screen, view the position of the white bubble on the vial (Figure Ⓣ).

Using the Tool With

You can use the Bluetooth® capability of your TLM165S, TLM165SI, or TLM330S to pair it with the **STANLEY® Smart Connect™** application on your cell phone or tablet, and then record your measurements on your floor plans or room photos.

1. From either Google Play or App Store, download the **STANLEY® Smart Connect™** application to your cell phone or tablet.

2. Using the **STANLEY® Smart Connect™** application, capture the room or space for which you want to record the measurements (either build a floor plan or take room photos).

3. On the keypad, press ON to turn on the tool.

4. If the Bluetooth® icon does not appear on the screen (Figure Ⓒ ②), click and then to turn on the Bluetooth® connection.

5. Use the **STANLEY® Smart Connect™** application to pair your cell phone or tablet to the tool.

6. Use the tool to measure each wall in the room or space captured in the floor plan, and sync the measurements to the floor plan, or enter the measurements on the room photos.

7. Using the **STANLEY® Smart Connect™** application, save the floor plan or the marked up photos.

Once you have saved the floor plan or marked up photos, you can print them or email them to other people (your realtor, home center, etc.).

Bluetooth

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Viewing the Tool's Memory

Up to the last 20 measurements are stored in the tool's memory.

1. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ③).

2. View the last measurement that was taken. Click → to scroll through all the measurements that have been stored in the tool's memory (up to 20). Click ← to scroll back.

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Clearing the Tool's Memory

You can clear one or more measurements that are currently in the tool's memory.

Clearing a Measurement

1. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions (Figure Ⓖ ③).
2. Click or to scroll through the measurements that have been stored in the tool's memory (up to 20) until you display the measurement to be deleted.
3. Click .
4. Click to delete the measurement.

Clearing All Memory

1. If is not already displayed as the current function (Figure Ⓔ ⑤), click the current function icon and then select from the list of functions.
2. Click .
3. Click to delete ALL measurements from the tool's memory.

Turning Off the Tool

The tool can be turned off in either of these ways:

- Press and hold for 10 seconds. When you release after 10 seconds, the tool will turn off.
- If you do not use the tool for the number of seconds (30, 60, or 300) you have set for auto turn off, it will automatically turn off.

Calibrating the tool

Please note that if you do not position the tool correctly for each step of the calibration process, ⚠ will appear in red on the screen.

1. On the touchscreen, click (Figure Ⓒ ⑧).
2. On the Settings Menu (Figure Ⓗ), click .
3. Place the tool with the front screen facing upward on a flat, level surface (Figure Ⓦ ①).
4. Press .
5. While the tool is still laying on the level surface, turn the tool 180° (Figure Ⓦ ②).
6. Press .
7. Flip the long side of the tool 90° so it is laying on its side (Figure Ⓦ ③).
8. Press .
9. While the tool is still laying on its side, turn the tool 180° (Figure Ⓦ ④).
10. Press .
11. Make sure appears on the tool's screen (Figure Ⓦ ⑤).
12. Click to return to the previous screen.

Warranty

STANLEY warrants this product for a period of Two (2) years against deficiencies in material and workmanship. This LIMITED WARRANTY does not cover products that are improperly used, abused, altered, or repaired. Please go to **www.2helpU.com** for more information or return instructions. Unless otherwise noted, STANLEY will repair without cost, any STANLEY product found to be defective, including parts and labor charges, or at STANLEY's option, will replace such tools or refund the purchase price, less the amount for depreciation, in exchange for the defective tool. THIS LIMITED WARRANTY EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This TWO YEAR LIMITED WARRANTY gives you specific legal rights that may vary from state to state. In addition to the warranty, STANLEY Lasers are covered by: 30-Day Money Back Guarantee. If you are not completely satisfied with the performance of your STANLEY Laser for any reason, you can return it within 30 days from the date of purchase with a receipt for a full refund.

Error Codes

If INFO appears on the screen with a Code number, perform the corresponding Corrective Action.

Code	Description	Corrective Action
101	Received Signal Too Weak, Measuring Time Too Long	Use the target plate or change the target surface.
102	Received Signal Too High	Target is too reflective. Use the target plate or change the target surface.
201	Too Much Background Light	Reduce the background light on the target area.
202	Laser Beam Interrupted	Remove the obstacle and repeat the measurement.
301	Temperature Too High	Allow the device to cool down to a temperature within the specified **Operating Temperature Range**.
302	Temperature Too Low	Allow the device to warm up to a temperature within the specified **Operating Temperature Range**.
401	Hardware Error	Switch the device on/off several times. If the error still occurs, return the defective device to the Service Center or distributor. Refer to the **Warranty**.
402	Unknown Error	Contact the Service Center or distributor. Refer to the **Warranty**.
500	Data Error	Contact the Service Center or distributor. Refer to the **Warranty**.

GB Specifications

	TLM165S	TLM165SI	TLM330S
Range	6in to 165ft (0.15m to 50m)	6in to 197ft (0.15m to 60m)	6in to 330ft (0.15m to 100m)
Measuring Accuracy[1]	**up to 10m:** 1/16in (1.5mm) **10m-30m:** 0.078/5/64in) additional (+/- 0.15mm/m) **>30m:** +/- 0.002in/ft (+/- 0.2mm/m)		
Resolution[2]	1/16in (1mm)		
Laser Class	Class 2 (IEC/EN60825-1: 2014)		
Laser Type	≤ 1.0mW @ 620-690nm		
Laser Automatic Switch-off	30s		
Unit Automatic Switch-off	By default, 90s. User can set to 30s, 60s, or 300s		
Continuous Measuring	Yes		
Area	Yes		
Volume	Yes		
Pythagoras 2-Point	Yes		
Endpiece to measure from corners[3]	Yes		
Battery Life (3 x AAA)	Up to 3000 Measurements (2500 with Bluetooth®)		
Dimension (H x D x W)	4.72 x 1.91 x 1.02in (120 x 48.5 x 26mm)		
Weight (with Batteries)	9.88oz (280g)		
Storage Temperature Range	14° F ~ 140° F (-10° C ~ +60 C)		
Operating Temperature Range	32° F ~ 104° F (0° C ~ +40° C)		

[1]**Measuring Accuracy** depends on the current conditions:

- Under **favorable** conditions (good target surface and room temperature), up to 33ft (10m).
- Under **unfavorable** conditions (bright sunlight, a very weak reflecting target surface, or large temperature fluctuations), the error can increase to ± 0.002 in/ft (± 0.2mm/m) for distances over 33ft (10m).

[2]**Resolution** is the finest measurement you can see. In inches, that is 1/16". In mm, that is 1mm.

[3]Flip open the **endpiece** at the bottom of the tool when you need to fit the tool into corners or grooves that are not at 180° angles. If a corner is at 90°, the endpiece can be used to hold the tool up against something.