



77-018

IntelliMeasure™

Ultrasonic Estimator
INSTRUCTION MANUAL



Illustration 1

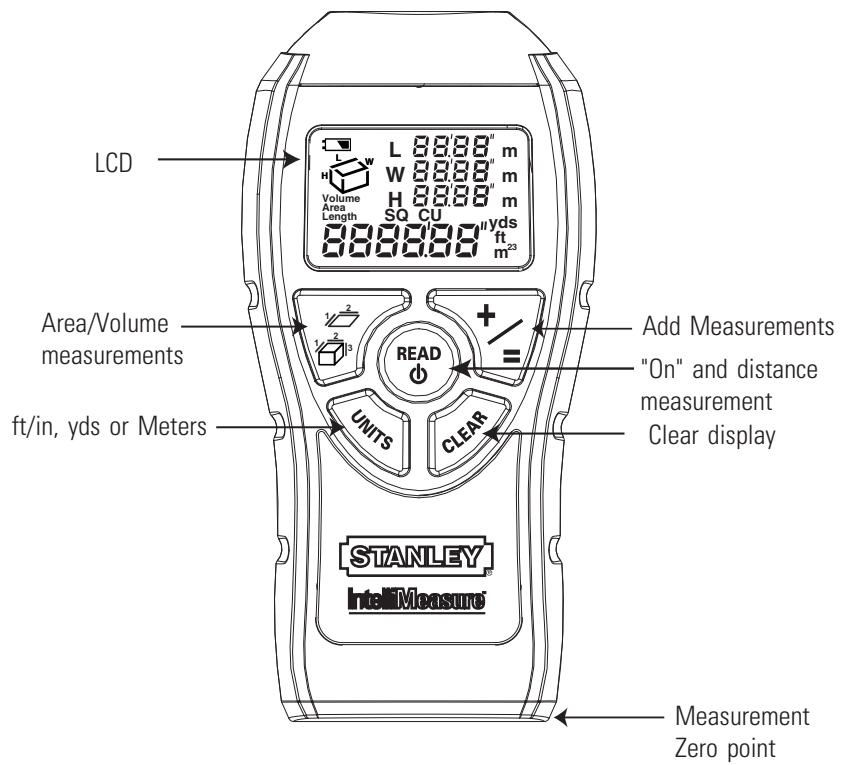
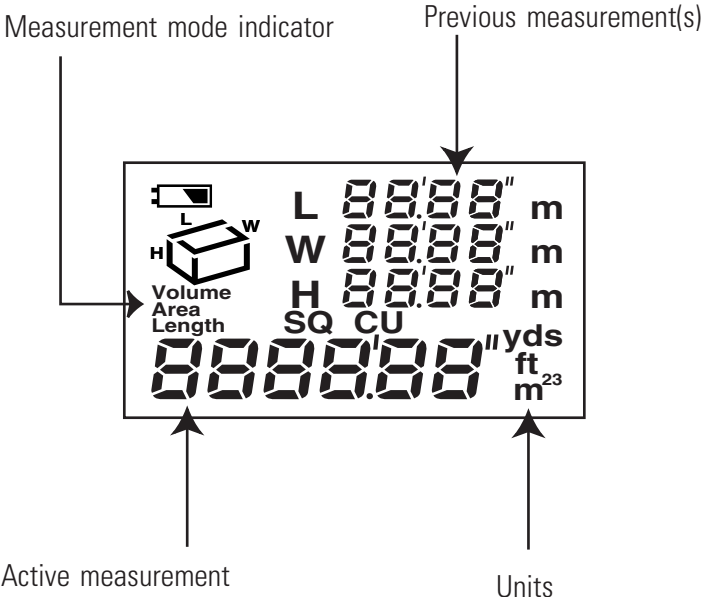


ILLUSTRATION 2



The STANLEY IntelliMeasure™ ultrasonic estimator is a fast, convenient distance measuring tool. This tool allows contractors, realtors, homeowners and appraisers to make fast and easy estimates of distances, areas and volumes in rooms at work or home. Multiple measurements may be added to allow for overall measurements of greater than 40 feet. Automatic conversion between imperial and metric units of measurement.

The IntelliMeasure™ ultrasonic estimator is intended for fast, convenient measurements with a high degree of accuracy. For precision measurements other measuring instruments should be used.

Operating Instructions

1.0 Battery Installation:

The IntelliMeasure™ uses a 9 volt battery (not included) which is inserted in the bottom of the unit. To install the battery, remove the battery door from the bottom of the case and attach the battery connector onto the 9 volt battery. Reassemble the bottom to the case making sure it snaps into place. When the battery needs replacement the Low Battery indicator will appear in the LCD display.

2.0 Taking Measurements:

1. For consistent readings hold IntelliMeasure™ perpendicular to and pointed toward the surface being measured and press,release the "ON" button.
2. To change the units of measurement press the "Units" button. The display will cycle through the units of measurement. The reading will be converted with each of measurement change.

3. When repeating the reading make certain that the estimator is perpendicular to the surface, the distance is within its' measuring range and that there are no obstructions in the way like desks, chairs, half walls or step ladders to reflect the sound waves.

Caution: Some types of surfaces such as curtains, padded walls, furniture or carpeting may absorb the ultrasonic sound waves instead of reflecting them, making readings difficult to take. These surfaces or irregular surfaces can also cause variations in readings. Try taking readings from different angles or positions to achieve consistent measurements.

4. The displayed reading will be shown for at least 1 minute before the estimator shuts off.

3.0 Addition of Measurements:

If the distance to be measured is greater than 40 feet or a series of measurements need to be added together the Add feature can be used.

1. If the reading currently in the display is not to be included in the added measurements press the "Clear" button to zero the display.
2. Take the first measurement.
3. Press the "+" button.
4. Take additional reading as described in the **Taking Measurements** Section.
5. The new measurement will be displayed along with the previous.
6. Press the "+" button again to display the sum of the previous measurements.
7. New measurements can continue to be added by pressing the "+" button.

4.0 Area and Volume Functions:

The area or volume can be quickly determined by the following steps. Area and volume are only calculated from current values of length, width and height and are displayed in meters, feet or yards, not feet-inches.

Caution: When repeating the reading make certain that the estimator is perpendicular to the surface.

4.1 Area:

1. Press Area button once to display area indicator (Illustration 2).
2. Press "Read" button to take first measurement.
3. Press "Read" button again to take second measurement.
4. Calculated area will be shown on bottom of LCD.
5. Press area button twice to return to distance mode.

4.2 Volume:

1. Press Volume button twice to display volume indicator (Illustration 2).
2. Press "Read" button to take first measurement.
3. Press "Read" button again to take second measurement.
4. Press "Read" button again to take third measurement.
5. Calculated volume will be shown on bottom of LCD.
6. Press volume button once to return to distance mode.

Specifications

Battery: 9 volt, alkaline recommended

Low battery indicator

Auto shutoff: 1 minute after last keystroke

Accuracy: $\pm 0.5\%$ of reading

Range: 2 to 40 feet

Measurement point: defined from bottom edge of case

Calculates and displays, length, area and volume

Units of measure: Meters, Feet-Inch, Yards

Operating temperature range 10°C to 49°C



Warranty

The Stanley Works warrants the IntelliMeasure™ against defects in material and workmanship for 1 year from the date of purchase. Deficient products will be repaired or replaced at Stanley's discretion if sent to:

The Stanley Works
Customer Service Department
480 Myrtle Street
New Britain, CT 06053

Stanley's liability under this warranty is limited to repair or replacement of the unit. Any attempt to repair the product by other than factory authorized personnel will void this warranty. Calibration, batteries and maintenance are the responsibility of the user. Where permitted by law, Stanley is not responsible for incidental or consequential damages. Agents of Stanley cannot change this warranty. Stanley is not responsible for damage resulting from wear, abuse or alteration of this product. The user is expected to follow ALL operating instructions.

This warranty may provide you with additional rights that vary by state, province or nation.



WARNING: Protect Your Eyes, Wear Safety Goggles
ADVERTISSEMENT: Protégez vos yeux, portez des
lunettes de sécurité.

One Year Warranty
Garantie de un an
Garanía de un año

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