SEALEY Professional TOOLS

INSTRUCTIONS FOR:

RANGE METER 0.6 - 15M
Model: **AK2015**

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

⚠ **IMPORTANT**
PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

⚠ **SAFETY** Read instructions carefully before using the range meter.
TO AVOID INJURY/DAMAGE ENSURE THAT THE FOLLOWING ARE STRICTLY APPLIED.
- **DO NOT look directly into the laser beam.**
- **DO NOT shine the laser beam at other people or animals.**
- DO NOT allow unqualified persons to operate this meter.
- DO NOT use the meter in direct sunlight.
- DO NOT allow the meter to get wet or dusty.
- Use indoors only.

1. DESCRIPTION

Professional electronic distance measuring tool. Measures distance instantly at the touch of a button, with a range of 0.6-15.0 metres (2-49ft) and accurate to ±0.3%. Features temperature compensation to ensure accuracy over a wide ambient range, built-in laser to assist aiming, calculator with memory function to hold up to ten measurements and LCD display to show measurements and calculations of area or volume in either Imperial or Metric units. Automatic power off if not used for approximately eight minutes. Powered by 9V battery (not included).

2. OPERATION - MEASUREMENT

❐ **Warning! Ensure that you read, understand and apply the safety instructions before attempting to use the range meter.**
Battery (PP9) - To install the battery, press down and slide back the battery cover (see fig. 1). Replace the battery when the Low Battery symbol appears on the display (see fig. 2).

2.1. Slide down the keypad cover (see fig. 1) and press the ON/OFF button (see fig. 1) to turn on the meter.

2.2. Point the meter at the surface to be measured and press and release the READ button (see fig. 1) to take the measurement.
If you press and hold the READ button for approximately one second the laser will be activated to assist in aiming the meter. Once correctly aimed, release the button and the measurement will appear in the display.
Fig. 3 shows the display indicating that the meter is measuring.
Fig. 4 shows the display which indicates that there is a reading error - retake the measurement.
Fig. 5 shows the display which indicates a correct reading.

2.3. To change the units (feet and inches or metres) of any reading displayed press the MODE button (see fig. 1). If no value is on the display, pressing the MODE button will change the units ready for the next measurement taken.

2.4. Pressing the SET button (see fig. 1) changes the measurement reference (origin) from the top to the bottom (or the bottom to the top) of the meter.
The reference which is in effect appears on the display, as shown in fig. 2.

2.5. If E is displayed then a) the target is not aimed at correctly, or b) the target surface is not flat, or c) the target is out of range.

2.6. Accurate Measurement
- Large, flat, hard surfaces give the most accurate readings.
- Do not move the meter during measuring.
- Aim the meter at right angles to the surface.
- Keep the meter away from metals and electrical equipment during measuring.
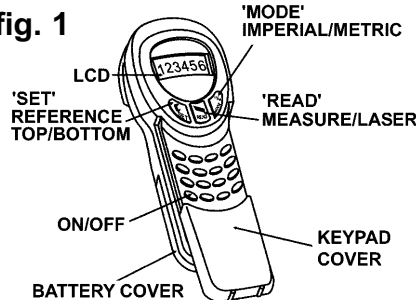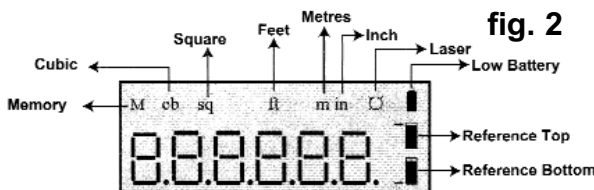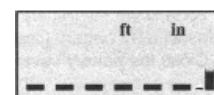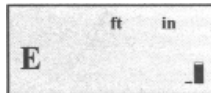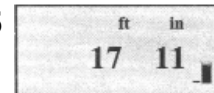

fig. 1

fig. 2

fig. 3

fig. 4

fig. 5

3. OPERATION - CALCULATOR

3.1. Up to ten values can be stored and recalled. To store a displayed value in the memory, press the MS key. The display will show P0-9 flashing - press a key between 0 and 9 to specify the memory position required. The value is then stored in that position and M will appear on the display, indicating that there is memory content.

3.2. To recall a value from the memory, press the MR key. The display will show P0-9 flashing - press the number key which corresponds with the memory position of the required value and that value will appear on the display.

3.3. If the displayed value was recalled from the memory then pressing the C key will erase it from the memory. To clear all values in the memory, press the MR key and then press C and hold for 1 second.

3.4. The calculator can be used to calculate areas and volumes by multiplying the dimensions previously measured and stored in the memory.
Thus, Width reading (from memory) x Length reading (from memory) = Area, and
Width reading (from memory) x Length reading (from memory) x Height (from memory) = Volume.
Note that values in Imperial and Metric units can be 'mixed' in a calculation - the calculator will automatically convert all to the same units as the first value entered.

3.5. If E is displayed during calculation then a) the calculation result is greater than 999999 or b) less than -999999 or c) you have divided by zero.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
IMPORTANT: No liability is accepted for the incorrect use of this product.
WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.
INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.