Introduction
Thank you for choosing the Spectra Precision QM55 from the Trimble family of precision products. This easy-to-use distance measuring tool will allow you to measure distances quickly, accurately and reliably. Before using the Quick Measure, read this operator's manual carefully. Included is information about operation, safety and maintenance. Ensure that the operating instructions are with the laser distance meter when it is given to other persons. Your comments and suggestions are welcome; please contact us at: Trimble Spectra Precision Division
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Quick Start Guide

User Guide

Features

Features - LCD Detail

General Operation
Single distance measurement
1) Switch on the device by pressing the ON button.
2) Press the ON button again to activate the laser.
3) Aim the laser to the surface to be measured, and press the On button again. The measurement will be shown in the display.
4) Press and hold the OFF button to switch off.

Continuous measurement
1) With the device on, press and hold the ON button for 2 seconds until the continuous measure icon appears to activate continuous measuring mode. The tool beeps during continuous measure mode if beeper is turned on.
2) Press the Measure Button again to stop continuous measure. When continuous measure is stopped, the display will show:
   • Maximum distance
   • Minimum distance
   • Last distance
Continuous measurement can be useful to find the shortest distance to a wall or longest distance to a corner as shown.

Battery - Installation
1. Open the battery compartment using the supplied battery key or a coin.
2. Remove the batteries from the packaging and insert them in the tool. 
NOTE When installing batteries note the positive (+) and negative (-) markings on the housings
3. Close the battery compartment cover.

Batteries - Disposal
Some areas have regulations regarding the disposal of batteries. Be sure to dispose of discharged batteries properly.
CAUTION: The batteries should be removed when storing the laser more than 30 days.

Batteries - Overmolding
Included with the QM55: Pouch, unit, battery, user guide, battery key/extension

Unit OFF
Press
Press Time
Press 2
Press 3
Press Time
Comment
Power ON
Long
Long
Short
Short

Unit ON
Short
Short
1 turn on laser
2 measure

Continuous measure
Long
Short to stop
Last screen shows
Maximum distance
Minimum distance
Last distance

Change measure reference
Short
Measure from back with extension
Measure from front
Measure from center
Measure from back
Measure from back is the default setting when turned on.

Turn on/off backlight
Short
Measure as shown
Result shows 2 measures and area

Area
Short
Cycle function to:

Volume
Short
Cycle function to:

Indirect single height
Short
Cycle function to:

Indirect double height
Short
Cycle function to:

Stake Out
Short
Cycle function to:

Addition
Short
Use + to select digit. Use - to change digits
Continuous measure: Beeps faster when near set value.

Subtraction
Short
Add next measure

Units of measure change
Long
m, ft, in, ft-in
Cycle through units with long presses

Memory
Short
First clear screen measures
Press + or - to cycle through measures.

Clear previous action
Short
Erase previous action

Power off
Long

Features - LCD Detail

3rd prior measure
2nd prior measure
Previous measure
Current measure

3rd prior measure
2nd prior measure
Previous measure
Current measure

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Clear button
Press the C/OFF button to clear the last reading or command. During area and volume measures, the C/OFF button clears the most recent measure, but preserves previous measures.

Change reference
Default measure reference is the back of the unit. Press the MEASURE REFERENCE button to change to front, center or extended back with tail as shown on the icon.

Display backlight
Press the UNIT/LIGHT button to turn the back light on or off.

Setting unit of measure
Press and hold UNIT/LIGHT button until the units of measure changes. Press again to change to next unit of measure. Unit of measure options are: m, ft, in, ft-in.
calibration should be performed. Use of prisms or other highly reflective targets is not permissible and, if attempted, may falsify the results.

Distances can be measured from all stationary targets without a highly reflective target, but the result will be displayed along with the individual measures. NOTE: The indirect and indirect double measurements are based upon the Pythagorean principle which requires a right angle (90°) for accuracy. The indirect measure estimate is less accurate if the measurements do not form a right angle.

Cleaning and drying
1. Blow dust off the lens
2. Do not touch the lens with the fingers
3. Use only a clean, soft cloth for cleaning. If necessary, moisten the cloth slightly with pure alcohol or a little water.

CAUTION: Always remove the batteries before shipping the tool.

Warranty
Trimble warrants the Quick Measure QM55 to be free of defects in material and workmanship for a period of 3 years. For the first 2 years, Trimble or its authorized Dealer or Service Center will repair or replace, at its option, any defective part, or the entire product, for which notice has been given during the warranty period. For the 3rd year, an exchange fee may apply. This warranty period is in effect from the date the system is delivered by Trimble or its authorized Dealer to the purchaser, or is put into service by a Dealer as a demonstrator or rental equipment.

Any evidence of neglect or abnormal use, or any attempt to repair equipment by other than factory-authorized personnel or Trimble certified or recommended parts, automatically voids the warranty.

The foregoing states the entire liability of Trimble regarding the purchase and use of its equipment. Trimble will not be held responsible for any consequential loss or damage of any kind.

This warranty is in lieu of all other warranties, except as set forth above, including an implied warranty. Merchantability of fitness for a particular purpose is hereby disclaimed.

Customers should send products to the nearest authorized Factory, Dealer or Service Center for warranty repairs, freight prepaid. In countries with Trimble Service Subsidiary Centers, the repaired products will be returned to the customer, freight prepaid.

Service Request
To locate your local dealer or authorized Trimble Service Center outside the U.S.A. for service, accessories, or spare parts, contact one of our listed below.

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Specifications
- Measuring Range: 0.5 m to 50 m (1.6 to 165 ft)
- Accuracy: ± 1.5 mm typical (± 1/16 in)
- Functions: Measure, Continuous, Area, Volume, Pythagorean, Add/Subtract, Stake out, memory 50 measures
- Measurement reference: Front, Center, Rear, with Extension
- Automatic shut off: Laser - 0.5 minutes Product - 3 minutes
- Battery life (alkaline): 500+ hours
- Operating temperature: -10°C to +50°C (14°F to 122°F)
- Storage temperature: -20°C to +60°C (-4°F to 140°F)
- Power supply: 2 x AAA 1.5V
- Power indication: LCD 3 segments - 100%, 50%, 0%
- Laser Type / Power: 635 mm visible red / 0.3 mW max
- Dimensions: 52 x 28 x 125 mm (2 x 1 x 5 in)
- Weight: 180 (6.35 oz) without batteries
- Dust & Water resistance: IP54
- Drop Performance: 1.5 m (5 ft)

Recycling in Europe
To recycle Trimble WEEE, call +31-497-512360, and ask for the “WEEE Recover.”

Notice to Our European Union Customers
For product recycling instructions and more information, please go to: www.trimble.com/environmental/summary.html

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