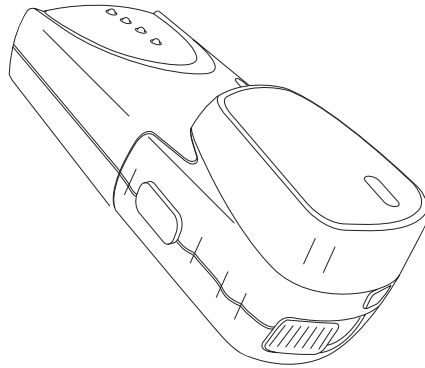


EWT0003
WallTech™

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RYOBI TECHNOLOGIES INC.
1428 Pearman Dairy Road
Anderson, SC 29625
www.ryobitools.com
Telephone: 1-800-525-2579

The Ryobi **WallTech™** locates wood and metal studs in walls, floors and ceilings. It features a sleek, high-impact case.

Use Ryobi **WallTech™** in normal mode for depths up to 1-1/2 in. (38 mm) with ± 1/2 in. (12 mm) center accuracy.

WARRANTY

This product is a consumable item. Therefore it is warranted against defective parts and labor only and not misuse or deterioration of the product through normal wear and tear for a period of 2 years from date of purchase.

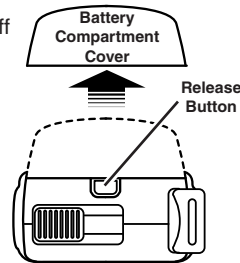
⚠ WARNING: To avoid risk of electric shock, **ALWAYS** turn power off when working near electric wires. Avoid nailing, cutting or drilling in walls where electrical or plumbing may be present. Do not permit children to use this device. It is not a toy.

INSTALLING THE BATTERY

- Press Release Button with thumb and lift front cover off to expose battery compartment.
- Connect a 9-V battery onto connector.
- Reinsert back.

Reminder:

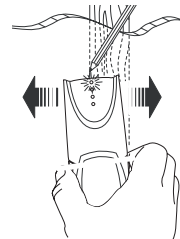
- When the bottom green LED blinks repeatedly, this indicates low battery level, replace with a new battery. If the tool is to be stored for an extended time, remove battery to prevent battery deterioration.



CALIBRATION AND SCANNING

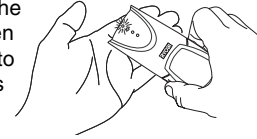
- With **WallTech™** turned off, position the unit flat against the wall.
- Press On/Off button on the side of unit and hold in still position for approximately 4 seconds until beep sound stops. This indicates successful calibration.
- To start scanning, continue to hold the On/Off button and slowly slide unit horizontally across the wall, right or left. As you begin to approach a stud, the LED's will light successively, from bottom to top.
- When the top red LED is lit, a continuous beep is generated. This indicates the edge of the stud. Mark this spot.
- Continue scanning beyond the marked spot until the LED's go out. Slide unit in reverse direction to locate the other edge of stud.
- Mark this second spot. Middle of stud is centered between the two marks.

NOTE: Because of the powerful scanning capability of this tool, be sure to mark the two edges of the stud. The two marks may indicate wider than actual stud width, but center of stud will be between the two marks.



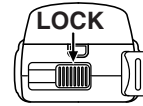
VERIFYING IF THE UNIT WORKS

- Turn **WallTech™** on in the air. If the LEDs light when you bring your hand up to the back, then the unit is working properly.

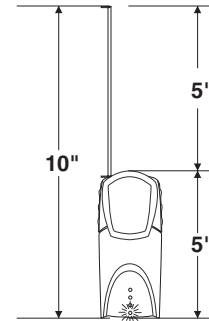


ADDITIONAL FEATURE

- The Ryobi **WallTech™** includes an 8 ft. tape measure with tape lock.



- When measuring from bottom of unit, add 5 in. to length measured.



WORKING WITH DIFFERENT MATERIALS

The **WallTech™** is designed for use on dry interior walls only. Three primary factors can affect sensing depth: Thickness, density and moisture content.

The **WallTech™** is not designed to use on materials with inconsistent density such as:

- Ceramic floor tile
- Carpeting and padding
- Wallpaper with metallic fibers
- Freshly painted walls, not completely dry
- Lath and plaster

OPERATING NOTES

Depending on the proximity of electrical wiring or pipes to the wall surface, the **WallTech™** may detect them in the same manner as studs. Caution should always be used when nailing, cutting or drilling in walls, floors and ceilings that may contain these items. To avoid plumbing, electrical, etc., remember that studs or joists are normally spaced 16" (406 mm) or 24" (610 mm) apart and are 1-1/2" (38 mm) in width. Anything closer together or a different width may not be a stud, joist or firebreak. Always turn off the power when working near electrical wires.

Situations	Possible Causes	Solutions
No indications.	<ul style="list-style-type: none"> • No studs in that area. • You accidentally calibrated over a stud. • Thickness of dry wall over scan depth 	<ul style="list-style-type: none"> • Move several inches to the left or right and start again.
Lights start blinking and unit beeps repeatedly	<ul style="list-style-type: none"> • You accidentally calibrated over a stud. • Scan began on dense part of wall or over stud. • Unit not flat against wall. • Unit was rocked or lifted during scan. 	<ul style="list-style-type: none"> • Move several inches to the left or right and start calibration process again. • On rough surfaces, place piece of cardboard on wall, scanning through it to help slide unit more smoothly. • Always hold WallTech™ parallel to stud or joist and move across it.
Indications in too many places.	<ul style="list-style-type: none"> • Detect other objects besides studs. • Electrical wiring and metal/plastic pipes may be near or touching back surface of wall 	<ul style="list-style-type: none"> • Because studs are normally spaced 16 in. (406mm) or 24 in. (610mm) apart and are 1-1/2 in. (38mm) wide, beware of anything closer together or of a different width.