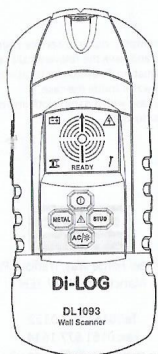


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DL1093

3 in 1 Electronic Wall Scanner

Instruction Manual



Please read this manual before switching the unit on.
Important safety information inside.

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Maintenance

- Keep clean with a dry cloth.
- When the "battery" symbol is displayed on the LCD, please unscrew and remove battery cover, insert new 9V battery.

General Description

The meter accurately and safely detects wood or metal edge, metal pipe and AC voltage hidden behind board.

Specifications

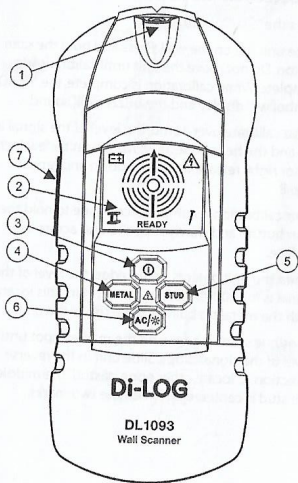
Stud detection depth and accuracy	30mm
Metal pipe detection depth	50mm
AC volt detection depth	75mm
Operating range:	
Non-contact AC detector	50 - 600V AC 50 - 60Hz
Auto power off	7 minutes
Energy	9V battery
Operating temperature	0 - 50 °C
Humidity	80% max

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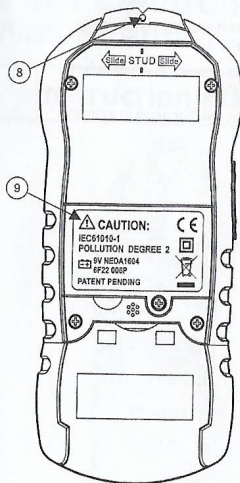
Meter Function

1. Flashlight.
2. Display.
3. On/Off button.
4. Metal detection.
5. Wood and metal stud edge detection.
6. AC voltage detection (50 - 600V AC) and back light.
7. Scan button.
8. Metal marking tip to mark location of stud edge.
9. Battery compartment.

Front Panel



Rear Panel

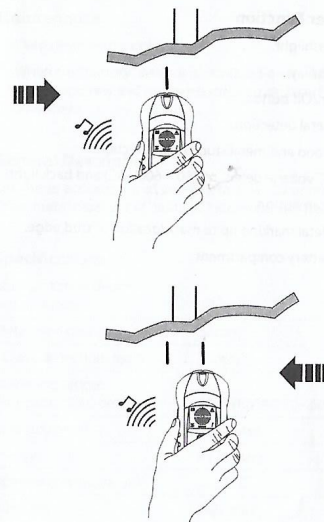


Notice

- Will not detect damp wood or board ("STUD mode").
- Will not detect a combination of defects ("STUD mode").
- Will not detect two hot wires in a circuit ("AC mode").

Stud detection (wood and metal)

- Press the "STUD" button.
- Place unit flat on the wall. Press and hold the scan button. Do not move the unit until calibration is complete. When calibration is complete, the "READY" symbol will display and the buzzer will sound.
- If you calibrate over a stud, the level of the signal is full and the beep sounds. Move the unit a few inches left or right, release the scan button and repeat step B.
- After calibration is complete, continue to hold the scan button and slowly slide the unit across the surface.
- When the unit detects a stud edge, the level of the signal is full and the beep sounds. Mark this location with the metal tip built into the top of the unit.
- Continue scanning beyond the marked spot until the level of the signal drops. Slide unit in the reverse direction to locate other edge of stud. The middle of the stud is centered between the two marks.



Metal Pipe Detection

- A. Press the "METAL" button.
- B. Hold unit suspended in the air. Press and hold the scan button. Do not move the unit until calibration is complete. When calibration is complete, the "READY" symbol will display and the buzzer will sound.
- C. When the unit detects a metal pipe, the level of the signal is full and the beep sounds.
- D. Mark this location with the metal tip built into the top of the unit.

AC Volt Detection

- A. Press the "AC" button.
- B. Place the unit flat on the wall. Press and hold the scan button. Slowly slide the unit across the surface.
- C. When the unit detects a "live" 50V or higher source, such as a conductor, the level of the signal is full and the buzzer will sound.
- D. Mark this location with the metal tip built into the top of the unit.

24 Month Warranty

Di-Log instruments are subject to stringent quality controls. If in the course of normal daily use a fault occurs we will provide a 24 month warranty (only valid with invoice).
Faults in manufacturer and materials defect will be rectified by us free of charge, provided the instrument has not been tampered with and returned to us unopened.
Damage due to dropping, abuse or misuse is not covered by the warranty.

Maintenance

WARNING: Do not attempt to repair or service your meter unless you are qualified to do so and have the relevant calibration, performance test and service information. To avoid electrical shock or damage to the meter do not get water inside the case.
Periodically wipe the case with a damp cloth and mild detergent. Do not use chemical solvent.

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