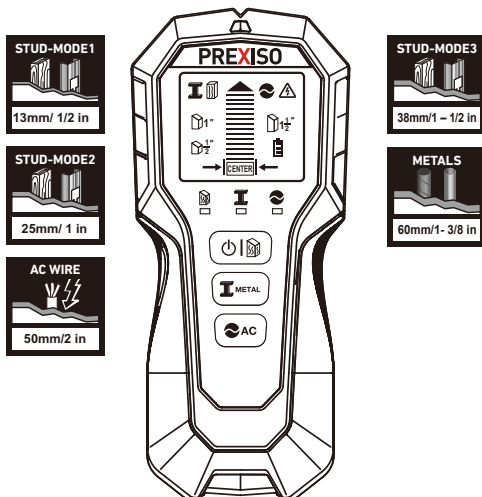


IMPORTANT:
Read before Using

EN

PREXISO



QR Code for product video

PWDX-N38

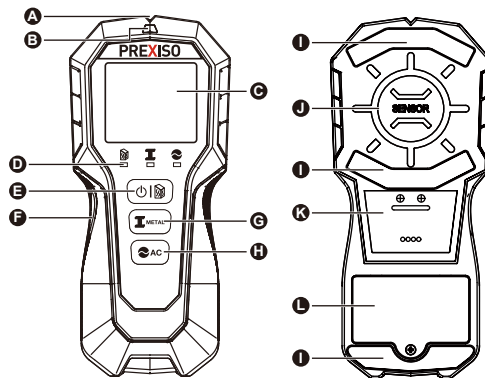
5-IN-1 WALL DETECTOR



PWDX-N38-05REV01-2408

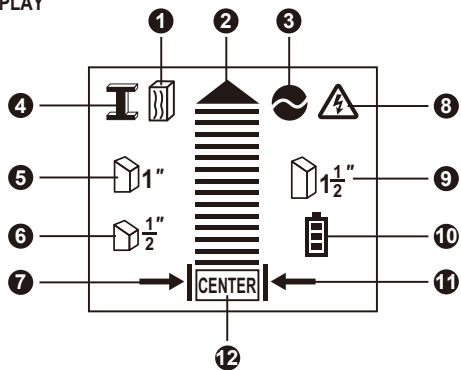
www.prexiso-eu.com

PRODUCT OVERVIEW



PARTS	DESCRIPTION
A	Marking groove
B	Light Indicator (Green-Calibration ready, Red-Object found)
C	LCD display
D	Mode indicator
E	Button- power on/off/wood mode
F	Side button- calibration
G	Button- metal mode
H	Button- AC mode
I	Contact pads
J	Sensor area
K	Product label
L	Battery compartment

DISPLAY

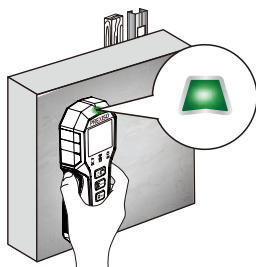


- | | |
|------------------------|--------------------------------|
| 1. Wood mode | 7. Left edge indicator |
| 2. Signal bar | 8. Live AC warning |
| 3. AC mode | 9. 1 1/2" Scan indicator |
| 4. Metal mode | 10. Battery capacity indicator |
| 5. 1" Scan indicator | 11. Right edge indicator |
| 6. 1/2" Scan indicator | 12. Center indicator |

QUICK START



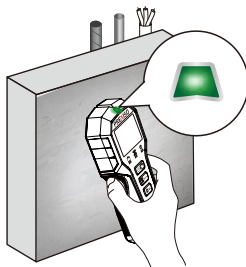
STUD



Calibration on the wall

METAL

AC WIRE



Calibration in the air



1x



13mm/ 1/2 in



2x



25mm/ 1 in



3x

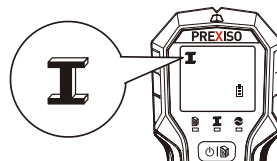


38mm/1 - 1/2 in

Calibration ready Edge detected Center detected Edge detected Calibration ready



1x



Calibration ready

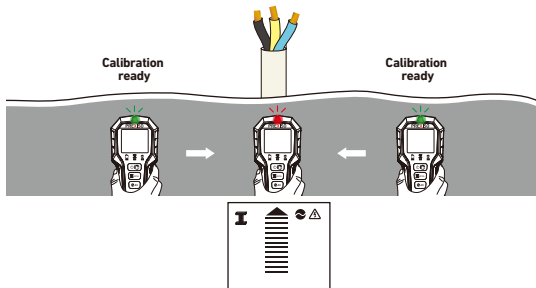


Calibration ready





1x



NOTE: "⚠" will be displayed if AC wire is around!



The safety instructions and the user manual should be read through carefully before the product is used for the first time.

SAFETY INSTRUCTION

1. Keep the instrument dry.
2. Keep the instrument and battery out of reach of infants and children.
3. Prexiso wall detectors are recommended for interior use only.
4. When the the symbol "🔋" appears, the battery is low and need to be replaced. Ensure that battery polarity connections are correct when replacing the battery. If instrument is not to be used for a long time, take out the battery.

AC WIRE WARING

AC wire detection is always working when the detector is on. when live AC wire voltage is detected, the AC warning signal ⚠ will display on LCD. Use extreme caution under these circumstances or whenever live AC wiring is present.

5. Do not assume there are no LIVE electrical wires in the wall.
6. Use other information to confirm the scanning results before penetrating the surface, e.g. construction drawings, visible pipe or wiring entries, switch locations etc..
7. Always turn off the electrical power, gas, and water supplies before penetrating a surface.
8. Always turn off the power when working near electrical wires.
9. Failure to follow these instructions may result in electrical shock, fire, and/or serious injury or property damage.

PROHIBITED USE

- Using the product without instruction
- Using outside the stated limits
- Deactivation of safety systems and removal of explanatory and hazard labels
- Opening of the equipment by using tools (screwdrivers, etc.)
- Carrying out modification or conversion of the product
- Use of accessories from other manufacturers without express approval

LIMITS OF USE

Never attempt to repair the product by yourself. In case of damage, contact a local dealer.

Refer to section "Technical Specification", the device is designed for using in areas which is habitable for humans.

Do not use the product in explosion hazardous areas or in aggressive environments.

This detector's ability to detect objects is affected by the proximity of other equipment that produce strong magnetic or electromagnetic fields, and by moisture, metallic building materials, foil-laminated insulation materials and / or conductive wallpaper.

This detector does not always recognize all pipes and power cables. The following conditions can contribute to inaccurate results.

- ceramic floor tile
- carpeting and padding
- lath or low density plasterboard
- glass or any other dense material
- very thick walls

- weak battery
- deeply laid power cables or pipe work
- shielded cables
- thick walls with thin pipes or power cables
- walls paneled with metal sheets
- very moist conditions
- This detector is not suitable for detecting power cables in circuits.
- which are isolated from the mains power supply.
- through which direct current flows.
- which are used for computer or telecommunications systems.
- The pipe work made of plastic or similar materials cannot be detected by this instrument, only pipe work made of metal.

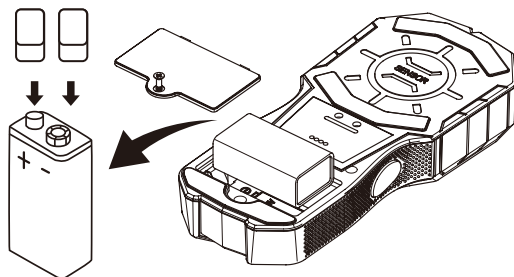
FUNCTION

This 5-IN-1 Wall Detector is designed for locating of electrical cables, wood and metal objects in walls, ceilings and floors. The product is not intended for commercial use or for contractors. This product is for indoor use only.

OPERATION INSTRUCTION

1. INSERT THE BATTERY

Open the battery compartment **L** on the rear side of the detector and insert a 9V battery. Pay attention to the polarity.



! Replace with new battery when battery symbol is flashing.

2. LOCATING CONCEALED OBJECTS

! Notice:

- This detector is for use on interior dry walls only. Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, and paint.
- Calibration is necessary before use. For wood mode, place the device flat against the wall to be scanned, press the calibration button until the green light turns on and a beep is heard.
- For metal/ AC mode, the device auto-calibrates when the mode is selected. Manual calibration can be activated by pressing the calibration button.
- Before using the detector for locating concealed objects, first test it by locating a pipeline or electrical power cable at a known position.
- In case of any doubt, please always ask a qualified building contractor for help.



Calibration button

! Attention!

Please do not move the instrument during calibration. In wood mode, if the calibration button is released before it completes, the green light will not be on, which means the calibration fails. In this case, repeat calibration process.

3. SCANNING OPERATION

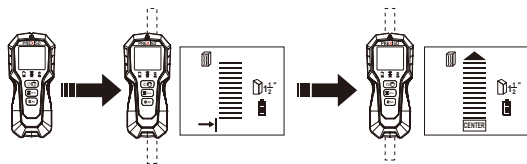
1). SCANNING FOR STUD

- Press the power button
- Press the same button to switch the thickness of the area to be scanned.
- Place it flat against the wall where you wish to scan, press and hold the calibration button until the green light turns on and a beep is heard. **Do not release the button after calibration.**



Note:

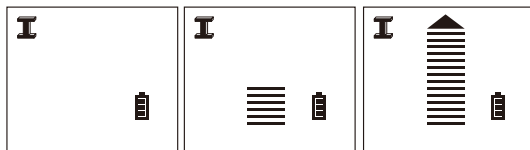
- keep your hand still and do NOT move the detector until calibration completes.
- If the calibration button is released before it completes, the green light will not be on. In this case, repeat procedure c.
- Detector has to be re-calibrated when scanning a different region or on different walls.
- d. Hold the button and move slowly along the wall with the detector. As you get closer to the wood behind the wall, the signal bar increases and the light turns red. An arrow will display when you get to the edge.

- e. Continue to move, the signal bar peaks and "CENTER" will display. The light still red and a steady beep will sound.
- f. To refine the scanning result, repeat scanning procedure from the opposite side.






2). SCANNING FOR METAL

- a. Press the power button .
- b. Hold the detector away from the surface, press the button for metal mode  and the detector will auto-calibrate. The green light and a beep indicate a successful calibration. Manual calibration is also possible by pressing the calibration button when needed.
- c. Place it flat against the wall where you wish to scan, move slowly along the wall with the detector. As you get closer to the target behind the wall, the signal bar increases and the light turns red. Continue to move, the signal bar peaks and a triangle will display on the top the signal bar. The light still red and a steady beep will sound.
- d. Repeat the procedure d, but this time approach from the other side.
- e. If the metal behind is deeper than 1", it is possible the signal cannot peak and the red light and steady beep cannot be activated. In this case, mark when the signal is highest.



3). SCANNING FOR AC

- a. Press the power button .
- b. Hold the detector away from the surface, press the button for AC mode  and the detector will auto-calibrate. The green light and a beep indicate a successful calibration. Manual calibration is also possible by pressing the calibration button when needed.
- c. Place it flat against the wall where you wish to scan, move slowly along the wall with the detector. If AC wire is around,  will display, the light turns red and the signal bar increases as you get closer. Continue to move, the signal bar peaks with a triangle will display on the top the signal bar and a steady beep will sound.

Note: AC scan will only detect live(hot) unshielded AC wiring.

Please refer to AC WIRE WARNING for more important details.

- d. Repeat the procedure c, but this time approach from the other side.



Note:

When METAL mode for rebar like, do scanning both in horizontal and vertical directions. Metal sensitivity may increase when metal object is parallel to sensor.

The wires deeper than 2in./50mm from surface might not be detected, always turn off the power when working near electrical wires.

Static charge may spread voltage detection as much as 12inch/30cm laterally from actual wire location.

Should any suspect about wires but not found, please take METAL mode to find if any metal conduit which shielding the wires.

TECHNICAL SPECIFICATION

LOCATING CONCEALED OBJECTS

Mode	Max. depth
Wood	1 ½ in.(13mm) 1 in. (25mm) 1 ½ in. (38mm)
Metal	1 ¾ in. (60mm)
AC wire	2 in.(51mm)
Operating temperature	32°F to 104°F (0°C to 40°C)
Storage temperature	14°F to 140°F (-10°C to 60°C)
Dimensions (W x H x D)	6.77 x 2.99 x 1.26 in. (172 x 76 x 32 mm)
Net weight (w/o battery)	0.372lb (169g)

DISPOSAL



CAUTION

The batteries must not be disposed with household waste. Care for the environment and take them to the collection points provided in accordance with national or local regulations. The product must not be disposed with household waste. Dispose of the product appropriately in accordance with the national regulations in force in your country. Adhere to the national and country specific regulations.



WARRANTY

Two-Year Limited Warranty. This product is warranted to the original purchaser from the original purchase date for one year subject to the warranty coverage described herein. Please retain your receipt. This product is warranted to the original user to be free from defects in material and workmanship. If you believe that the product is defective at any time during the specified warranty period, pls contact Prexiso customer service agent by sending email to info@prexiso-eu.com. This warranty does not cover: (1) Part failure due to normal wear or product abuse; (2) Any parts have been altered or modified by anyone other than an authorized Prexiso personnel or failure to install and operate equipment according to the guidelines put forth in the instruction manual. (3) Any products or parts used for rental purposes, damage resulting from shipping (claims must be filed with freighter), accident, abuse, act of God, misuse, or neglect. Prexiso will replace or repair the defective unit, at its option, subject to verification of the defect. Any implied warranties arising from the sale of a Prexiso product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Prexiso shall not be liable for loss of use of the product or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss. This warranty excludes any accessories. This warranty gives you specific legal rights, and you may also have other rights that vary from state.

