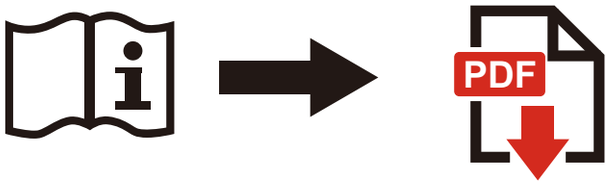


www.prexiso-eu.com

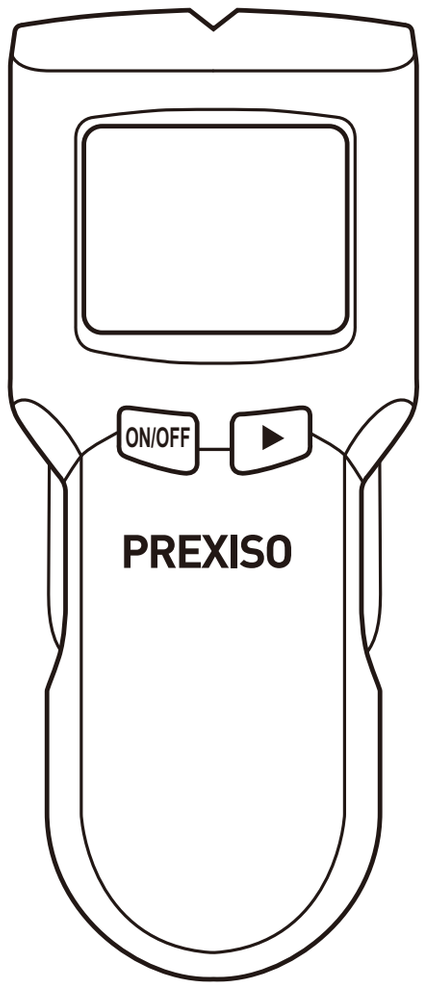
Prexiso AG
CH-6300 Zug / Switzerland

PWDX-F38

PREXISO

EN USER MANUAL
DE BENUTZERHANDBUCH
FR MANUEL UTILISATEUR
IT MANUALE UTENTE
ES MANUAL DE USUARIO
NL HANDLEIDING
TR KULLANIM KILAVUZU
DK BRUGERMANUAL
FI OHJEKIRJA
NO BRUKERMANUAL

2 YEARS LIMITED WARRANTY



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IMPORTANT:
Read before Using

EN

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. When the symbol “  ” appears,the batteries are low and should be replaced. Ensure that battery polarity connections are correct when replacing batteries. If you are not using the instrument for a long time, remove the battery.

Ensure that battery polarity connections are correct when replacing batteries.

If you are not using the instrument for a long time, remove the battery.

AC WIRE WARNING:

AC WIRE WARNING detection feature works continuously in Stud scan, Deep scan, and metal scan modes. When live AC voltage is detected, the AC detection warning indicator icon will appear in the display. Use extreme caution under these circumstances or whenever live AC wiring is present.

DO NOT ASSUME THESE ARE NO LIVE ELECTRICAL WIRES IN THE WALL. DO NOT TAKE ACTIONS THAT COULD BE DANGEROUS IF THE WALL CONTAINS A LIVE ELECTRICAL WIRE. ALWAYS TURN OFF THE ELECTRICAL POWER, GAS, AND WATER SUPPLIES BEFORE PENETRATING A SURFACE. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN ELECTRICAL SHOCK, FIRE, AND/OR SERIOUS INJURY OR PROPERTY DAMAGE.

ALWAYS TURN OFF POWER WHEN WORKING NEAR ELECTRICAL WIRES.

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 yourself. In case of damage, contact a local dealer.
Refer to section "Technical data", 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.

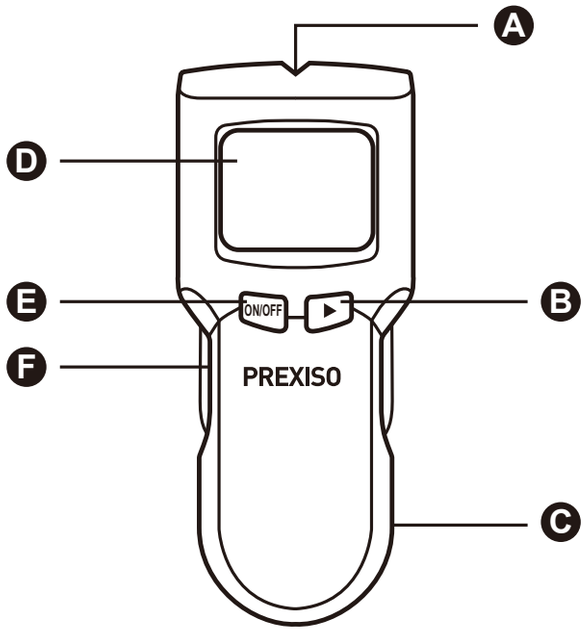
AREAS OF RESPONSIBILITY RESPONSIBILITIES OF THE PERSON IN CHARGE OF THE INSTRUMENT:

• To understand the safety instructions on the product and the instructions in the User Manual.
• To be familiar with local safety regulations relating to accident prevention.
• Always prevent access to the product by unauthorized personnel.

FUNCTION

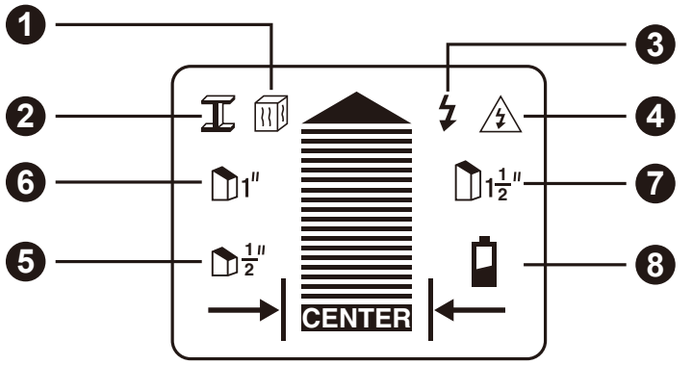
This instrument can be used to detect wood stud, metal and live conductors. It will display signal bar on the center of the LCD and make a beep sound out when the instrument is near to the object, which ensures a high level of functional reliability.

PRODUCT OVERVIEW



Parts	Description
A	Center point system
B	Mode button
C	Battery(back of unit)
D	LCD screen
E	ON/OFF switch
F	Scan button

DISPLAY

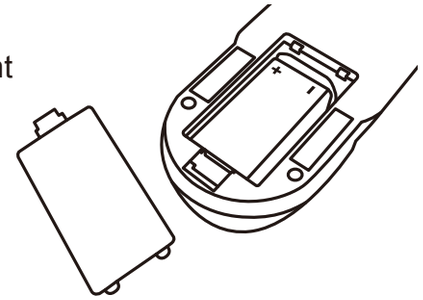


1. Stud mode indication
2. Metal mode indication
3. AC mode indication
4. AC wire warning
5. ½ in. Scan mode indication
6. 1 in. Scan mode indication
7. 1½ in. Scan mode indication
8. Low battery

OPERATION INSTRUCTION

1. INSERT THE BATTERY

Open the battery compartment and insert a 9V battery. Pay attention to the polarity.



⚠ Change battery when battery symbol is flashing.

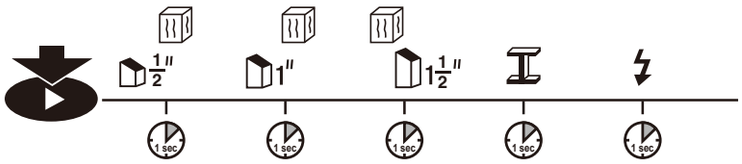
2. SWITCHING ON/OFF

Press ON/OFF to turn on/off the device

⚠ It is important to wait for the finishing of calibration before moving the scanner

3. SELECTING THE MEASUREMENT MODE

Press ▶ button to switch to the desired mode:

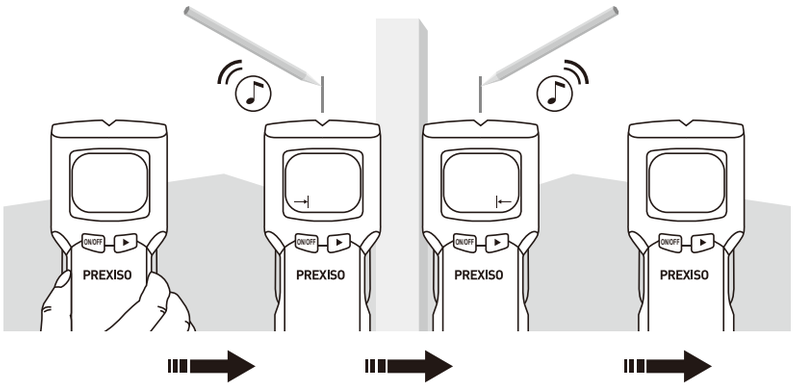


A: ½in. Scan Mode: Locates the center and edges of wood and metal studs up to ½ in. (13 mm) deep
B: 1in. Scan Mode: Locates the center and edges of wood and metal studs up to ½ in. (25 mm) deep
C: 1½in. Scan Mode: Locates the center and edges of wood and metal studs up to ½ in. (38 mm) deep
D: Metal Scan: Detects metal (such as ½ inch rebar) up to 2.36 in. (60mm) deep.
E: AC Scan: Detects live unshielded AC wires up to 2 in. (51mm) deep.

4. SCANNING DIFFERENT SURFACES

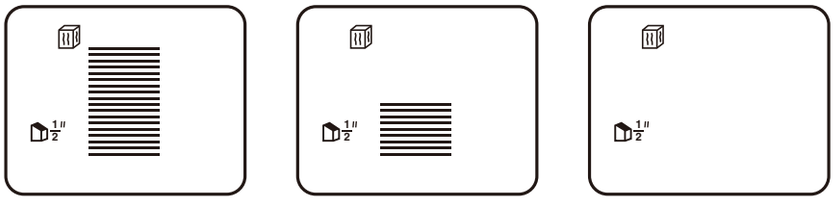
Wallpaper: This wall detector functions normally on walls covered with wallpaper or fabric, unless the materials are metallic foil, contain metallic fibers, or are still wet after application. Wallpaper may need to dry for several weeks after application.
Freshly painted walls: May take one week or longer to dry after application
Lath & plaster: Due to irregularities in plaster thickness, it is difficult for this wall detector to locate studs in Stud modes. Change to Metal Scan mode to locate the nail heads holding wood lath to the studs. If the plaster has metal mesh reinforcement, the wall detector may be unable to detect through that material.
Extremely textured walls or acoustic ceilings: When scanning a ceiling or wall with an uneven surface, place thin cardboard on the surface to be scanned and scan over the cardboard in Deep mode. If irregular scanning results are received, switch to Metal Scan mode to locate nails or drywall screws that line up vertically where a stud or joist is positioned.
Wood flooring, subflooring, or gypsum drywall over plywood sheathing: Use Deep mode and move the tool slowly. The Signal Strength Indicator may only display 1 or 2 bars when the tool locates a stud through thick surfaces.

5. MEASURING IN STUD SCAN MODE



A. Press ▶ button to select Stud Scan Mode (½ in, 1 in or 1½).
B. Place the tool against the wall.
C. Calibrate the tool
a. Place the instrument against the surface where you want to detect before pressing the ON/OFF button.
b. Press the ON/OFF button, the LCD will display in Stud ½ in. Scan mode.

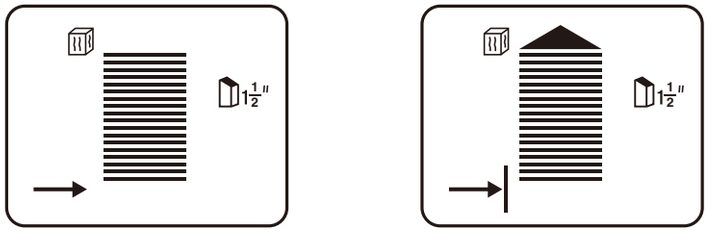
c. Press the scan button to start calibration, the decreasing bars will disappear and buzzer will beep on time and the calibration is completed.



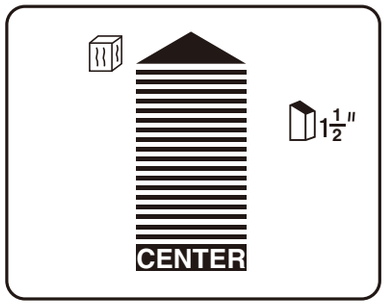
D. Move the tool slowly across the surface.

LCD INDICATION WHILE DETECTING

a. Slowly slide tool across surface. A bottom pointed arrow and EDGE indication will illuminate, indicating location of the stud edge.



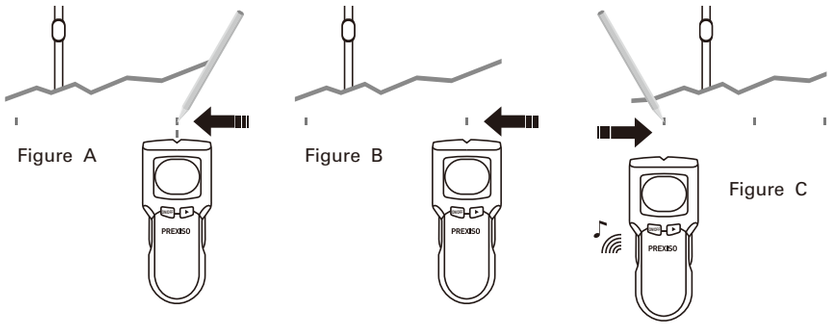
b. Continue sliding tool. When the center of a stud is located, the full bars on the Signal Strength Indicator, the pointed arrow on the top of the bars and the CENTER indication will all show and the buzzer will sound.



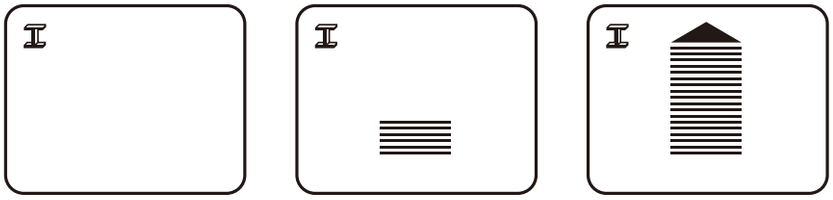
⚠ A. In cases of deeper studs(thicker walls) where the center of the stud is located, you can try Stud 1 in. Or Stud 1½ in. Scan mode.

B. If electric wires or metal or plastic pipes are located near or in contact with a plaster fibreboard panel, they may be identified by the wall detector as studs.

6. MEASURING IN METAL MODE.



A. Press button to select METAL MODE.
B. Hold the tool in the air and Click Scan button, the decreasing bars will disappear and buzzer will beep on time and the sensitivity reset is completed. (This will ensure that it calibrates away from any metal objects and gets highest sensitivity to metal.)
C. **Find the metal at highest sensitivity:** Place the tool flat against the wall and the slide slowly across the surface. The middle bar will rise up as the tool is getting close to the metal. Mark the point where you get the highest metal indication(the top indicated arrow will show up and a steady beep will sound), Continue in the same direction until display bars reduce. Reverse direction and mark the spot where the display bars peak from the reversed direction. The midpoint of the two marks is the location of the center of the metal object.

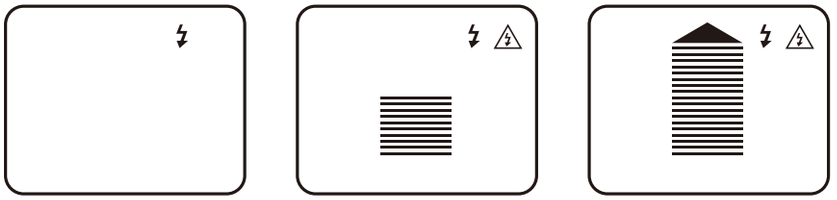


D. **Narrow the detecting field:** To further pinpoint the location of the metal target, scan the area again. Place the tool on one of the previous marks and click scan button. It will reset the tool to a lower sensitivity and narrow the scan area.
E. Scan in both directions and repeat the step C and D until the metal is located precisely.

Note: If any bars display on the screen, metal is present. Small targets or targets deep within the surface may only illuminate some of the bars and not the center line or audio tone. In this case, use the highest indication to determine the metal position.

7. MEASURING IN AC WIRE MODE.

A. Press button to select AC SCAN MODE.
B. Place the tool on the wall and click Scan button, the decreasing bars will disappear and buzzer will beep on time and the sensitivity reset is completed.
C. **Find the metal at highest sensitivity:** Place the tool flat against the wall and the slide slowly across the surface. The middle bar will rise up as the tool is getting close to the AC cable. Mark the point where you get the highest metal indication(the top indicated arrow will show up and a steady beep will sound), Continue in the same direction until display bars reduce. Reverse direction and mark the spot where the display bars peak from the reversed direction. The midpoint of the two marks is the location of the center of the AC cable.



D. **Narrow the detecting field:** To further pinpoint the location of the AC cable target, scan the area again. Place the tool on one of the previous marks and click scan button. It will reset the tool to a lower sensitivity and narrow the scan area.
E. Scan in both directions and repeat the step C and D until the AC cable is located precisely.

Note: AC Scan will only detect live(hot) unshielded AC wiring. Please refer to the AC WIRE WARNING for more important details and warnings about AC detection.

Technical specifcation	
Power supply	1 x 9V alkaline battery
Dimension	3*7*16cm
Weight(battery not included)	142
Measuring depth	
Metal	2.36in. (60mm)
Non-magnetic metal	80mm
Charged wire 100-230 volts	2in. (50mm)
Metal or wood Stud	1) 1/2 in(13mm) 2) 1 in.(25mm) 3) 3/2 in.(38mm)

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.Product specific treatment and waste management can be downloaded from our homepage.

WARRANTY

The Instrument PWDX-F38 has a two-year warranty. For further information on this, contact your dealer.This warranty is void if product is used for commercial purposes. This warranty is not transferable and does not cover products damaged by misuse, neglect, accident, alterations or use and maintenance other than that specified in the owner's manual. This warranty does not apply to any expendable parts that can wear from normal use. This warranty excludes any accessories.

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