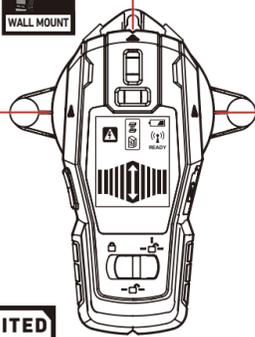




www.prexiso-eu.com

PREXISO

RECHARGEABLE 2-IN-1 LINE LASER & STUD FINDER



2 YEARS LIMITED WARRANTY

Prexiso AG
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PWDX-F19LI-05REV01-2408

PWDX-F19LI

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 INSTRUCTIONS

Working safely with the measuring tool is possible only when the operating and safety information are read completely and instructions contained herein are strictly followed. Never make warning labels on the measuring tool unrecognizable. SAVE THESE INSTRUCTIONS.

CAUTION

- The use of operating or adjusting equipment or the application or processing methods other than those mentioned herein, can lead to hazardous radiation exposure.
- Keep the measuring tool dry, and out of reach of infants and children. When the symbol appears on the display, the batteries are low and should be recharged. When the symbol is flashing, the battery capacity is very low, and the measuring tool will be turned off automatically shortly, which should be recharged immediately.
- Material thickness, type of material, moisture content, and other variables can affect sensing results.
- The sensor may detect electric wiring or pipes in the same manner that studs are detected depending on their location to the wall surface. Use caution when drilling, nailing or cutting into walls, floors and ceilings which may contain electrical wiring or pipes.
- Always turn off the power when working near electrical wires, electric shock may result.
- Occasionally, pipes and electric wiring may not be detected by this measuring tool. Observe caution when cutting or drilling into areas that may contain concealed pipes or wiring. The sensor will not detect live wires inside metal pipe or metal conduit, behind metallic wall covering, or behind some plywood or other dense materials. Use caution if area has plywood, thick wood backing behind drywall, or thicker than normal walls.



Laser radiation-Do not stare into beam.
<1.0mW @ 635nm. IEC/EN 60825-1:2014.
A11:2021 EN50689:2021 Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 59, dated May 9, 2019, Class 2 Consumer Laser Product.

WARNING

LASER RADIATION. Do not stare into beam. Class II laser product. Turn the laser beam on only when using this tool.

- Do not remove or deface any product labels.
- Avoid direct eye exposure. The laser beam can cause persons being blinded.
- Do not operate the tool around children or allow children to operate the tool.
- Do not place the tool in a position that may cause anyone to stare at the laser beam, whether intentionally or unintentionally.
- Do not use on reflecting surfaces such as sheet steel, glass or polished metal etc. that have shiny, reflective surfaces. The shiny surface could reflect the beam back at the operator.
- Always turn off the laser tool off when not in use. Leaving the tool on increases the risk of someone inadvertently staring into the laser beam.
- Do not attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
- Do not attempt to repair or disassemble the laser-measuring tool. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.
- Use of other accessories that have been designed for use with other laser tools could result in serious injury.
- Do not operate the tool outdoors.
- Do not place or store tool under extreme temperature conditions.
- Do not operate the tool in explosive environments, such as in the presence of flammable liquids, gases or dusts. Sparks can be created in the tool which may ignite the dust or fumes.
- Keep the tool away from cardiac pacemakers. The magnet inside the tool generates a field that can impair the function of cardiac pacemakers.
- Keep the tool away from magnetic data medium and magnetically-sensitive equipment. The effect of the magnetic can lead to irreversible data loss.
- Measurement may not be accurate if used beyond the rated range of the device.
- The use of optical instruments with this product will increase eye hazard.
- Always make sure any bystanders nearby aware of the dangers of looking directly into the measuring tool.
- Do not use the laser viewing glasses as safety goggles, they do not protect eyes against laser radiation.
- Always take high attention when cleaning the laser light aperture to laser lens.

TECHNICAL SPECIFICATIONS

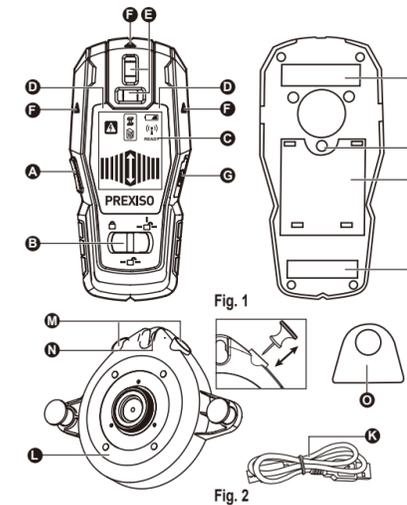
COMPONENT	SPECIFICATIONS
Laser working range (typically)	Up to 10m/30ft (indoor use)*
Laser line accuracy (typically)	3/8in@30ft (10mm@10m)*
Laser	$\lambda = 635 \pm 5 \text{nm}$, Class 2 laser, maximum laser output < 1mW
Depth detection	Up to 3/4 in (19mm, wood and metal studs)
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating humidity	10% - 60% RH
Storage temperature	14°F to 140°F (-10°C to 60°C)
Battery type	3.7V rechargeable Lithium-ion battery
Operating time	≥5H
Dimensions (L x W x H)	6.50x2.95x1.57 in. (165x75x40mm, main tool only)
	5.20x3.98x0.98 in. (132x101x25mm, wall mount only)
Weight	0.584lb (265g, main tool only)
	0.157lb (71g, wall mount only)

*Important: The accuracy is rated within distance of 10 meters. Under unfavorable conditions, such as in extreme interior illumination, transparent surfaces (eg. glass, water), porous surfaces (eg. insulation materials) or reflecting surfaces (eg. polished metal, glass) or very rough surfaces (eg. rough cast, natural stone), the tool's measuring range and accuracy will be reduced.

DESCRIPTION

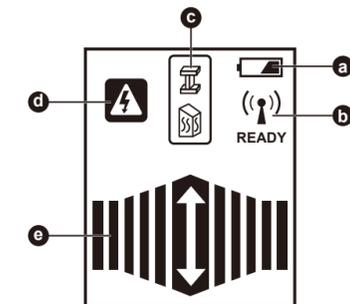
Know your RECHARGEABLE 2-IN-1 LINE LASER & STUD FINDER

This rechargeable 2-IN-1 Line laser & stud finder is a highly versatile laser leveling tool with stud sensor, workable for locating of wood and metal studs, AC wire sensing and warning, for easy detection, marking, leveling and alignment operations indoors. This measuring tool is not intended for commercial use.



PARTS	DESCRIPTION
Measuring tool (Fig. 1)	
A	Stud detection ON/OFF button
B	Laser ON/OFF/MODE switch button (Horizontal / Cross lines)
C	LCD display screen
D	Left/Right LED light
E	Horizontal and vertical bubble vials
F	Laser apertures
G	USB-C Charging port
H	Contact pads for detection
I	Sensor area
J	Magnetic ports for wall mounts
Wall mount and accessories (Fig. 2)	
K	USB-C cable wire
L	Wall mount bracket
M	Two push pins
N	Hanging hole
O	Self adhesive strips

DISPLAY



PARTS	DESCRIPTION
a	Low battery indicator
b	Detector ready indicator
c	Detector symbol (stud & metal studs)
d	Live AC wire indicator
e	Stud detection bars

UNPACKING

When unpacking the box, do not dispose any packing materials until all of the contents are accounted for:

- Rechargeable 2-in-1 Line Laser & Stud Finder
- Handy cloth bag
- Type-C cable wire
- Wall mount bracket with two pins
- Self adhesive strips (6pcs)
- User manual

Carefully lift the laser tool out of the package and place it on a stable, flat surface.

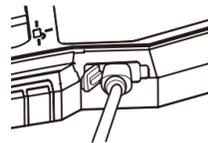
ASSEMBLY

Measuring Tool Power Supply

The measuring tool can be charged with the included USB-C cable wire. Charge the measuring tool

- Use the included USB-C cable wire to charge the measuring tool.
- When the symbol appears on the display, the batteries are low and should be recharged. When the symbol is flashing, the battery capacity is very low, and the measuring tool will be turned off automatically shortly, which should be recharged immediately.
- When the measuring tool is being charged with USB-C cable wire, the Left/Right LED lights (D) turn to red and start to flash.
- When the measuring tool is fully charged, the Left/Right LED lights (D) turns to green and stable.

NOTE: The measuring tool is designed no working during charging. The measuring tool is supplied partially charged. For storage, it is greatly recommended that recharge the device at least once in 3-6months to preserve the battery life span. To ensure full power capacity, fully charge the measuring tool before using your tool for the first time. The tool can be charged at any time without reducing its service life.



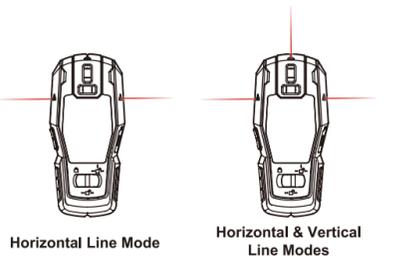
OPERATION

1. LASER LINE MODE

This measuring tool can project two horizontal laser lines or cross lines separately for leveling and alignment applications, with help of two bubble vials.

- Slide the ON/OFF/MODE switch to the right, the middle position, to turn on the horizontal lines.
- Slide the ON/OFF/MODE switch all the way to the right end, to turn on the vertical line, now it is cross-line mode.
- Slide the ON/OFF/MODE switch to the left end to turn the laser lines off.

Note: The two bubble vials will be lighted on only at the laser line mode. They are not working at the detection mode.

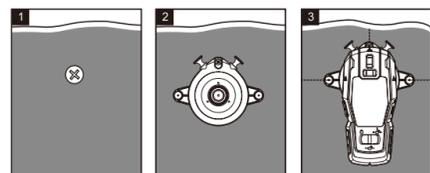


2. WALL MOUNT BRACKET FOR VARIOUS WALL APPLICATIONS

a. Hanging on a wall using a screw

The measuring tool can be hung on a wall with a screw by using the keyhole opening in the wall mount bracket.

- Tighten the screw on the wall.
- Place the keyhole opening over the head of the screw and make sure that the mount bracket is firmly and secure on the screw.
- Align the magnetic circular pocket on the back of the measuring tool with the circle on the front of the mount bracket.
- Make sure that the measuring tool is seated firmly, and is secure on the wall.

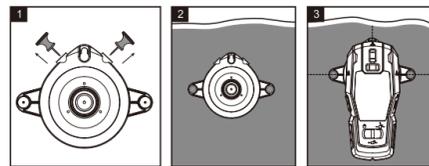


b. Hanging on drywall or wooden wall surfaces

The measuring tool can be hung on drywalls or wooden walls by using the included pins to press through the pin holes on the wall mount bracket into drywalls or wooden walls.

- To press pins into drywalls or wooden walls, first pull the pins from the pin holders on the wall mount bracket and then insert pins straight and seat firmly through the pin holes into drywall or wooden wall surface.

- The pins should always be pushed in by hand and never driven by a hammer.
 - To remove pins from the wall, pull out straight.
 - Align the magnetic circular pocket on the back of the measuring tool with the circle on the front of the wall mount bracket.
 - Make sure that the tool is seated firmly, and is secure on the wall.
- CAUTION: Pins are sharp and should be handled with care. Always be sure that two pins are put back into the holders on the wall mount bracket when not in use.
- NOTE: The pins are only for use on drywall or wooden walls NOT other surfaces including plaster.

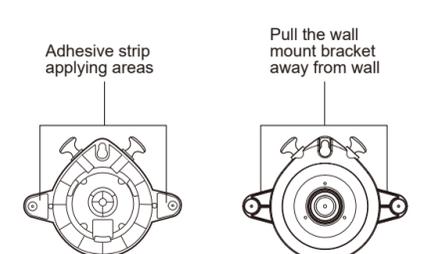


c. Hanging on a wall by using removable adhesive strip

NOTE: 3M adhesive strips are recommended. The measuring tool can be hung on a wall by using removable adhesive strips that is attached to two pin hole areas of the wall mount bracket (see the following left figure).

- The wall should be clean and dry to use the adhesive strip.
- Adhesive strip can be used on smooth tile drywall, plaster and wood wall surfaces.
- Adhesive strip cannot be used on some types of wallpaper or lime wall.

- Remove liner paper from one side of adhesive strip and apply strip to the pin hole area of the wall mount bracket and do the same thing to another pin hole area with another adhesive strip.
- Remove liner paper from other side of adhesive strip and press attachment firmly onto wall.
- Align the magnetic circular pocket on the back of the measuring tool with the circle on the front of the wall mount bracket.
- Make sure that the measuring tool is seated firmly, and is secure on the wall.
- To remove from wall, first remove the measuring tool from the wall mount bracket. Then, pull the wall mount bracket with one hand straightly away from the wall (see the following right figure).



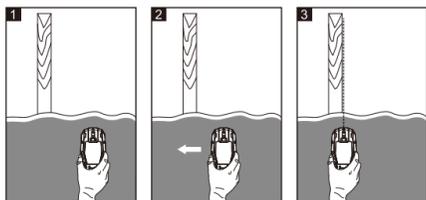
NOTE: The self-adhesive strips are not recommended to be re-used to assure the measuring tool will not fall.

3. DETECTOR

Detecting sensor for wood and metal studs and AC wire are located in the lower part of the measuring tool.

a. STUD DETECTION (wood and metal)

For stud detection of wood and metal through up to 3/4 inch (19mm) thick drywall.



- Hold the measuring tool straight up and down, and place flat against the wall.
- Press in and hold the red Stud detection ON/OFF button, LCD display screen will light on, Detector symbol - stud & metal studs (c) will appear on the display, with READY symbol flashing, detector will run calibration process.

3)Two LED lights will turn green, the READY symbol will turn stable and then disappear from the LCD display screen, and the measuring tool will beep twice to indicate calibration is finished and ready for detection.

- Keep on Press in and hold the red Stud detection ON/OFF button, slide the measuring tool slowly, horizontally across surface of wall without lifting or tilting. When Stud detection bars appear on the LCD display screen, slow down and keep sliding until the left and right LED lights turn red , the Stud detection bars boom up , at the same time, the upper laser line beam also be projected on the wall , and indicate the right edge of the stud, mark this spot.

- Keep sliding past mark until Stud detection bars disappear.
- Keep on Press in and hold the red Stud detection ON/OFF button all the way, slide the measuring tool slowly in the reverse direction.
- When the left and right LED lights turn red again , the Stud detection bars boom up , at the same time, the upper laser line beam also be projected on the wall , this is the left edge of the stud, mark it.
- Center of the stud is between the two marking spots.

b. AC WIRE SENSING AND WARNING

Test the measuring tool on a known "LIVE" AC wire before each use. For AC detection up to 1-1/2 inches (38mm) from the surface.

This measuring tool can only detect and identify AC voltage and live wires. AC voltage detection feature works continuously when detecting studs. It assists in identifying when the tool is near LIVE AC wiring and red detection button is depressed. Once AC voltage has been detected, the AC wire indicator will appear on the LCD display screen. If the measuring tool is calibrated close to AC wire, it may decrease AC wiring sensor sensitivity. Static charge may spread detection 12 inches (30.4cm) on both sides of wire.

MAINTENANCE

This compact measuring tool has been designed to be a low-maintenance tool. However, in order to maintain its performance, you must always follow these simple directions:

- Avoid exposing the tool to shock, continuous vibration or extreme hot or cold environment.
- Always store the tool indoors.
- Always keep the tool free of dust and liquids. Use only a clean soft cloth for cleaning. If necessary, slightly moisten the cloths with pure alcohol or a little water.
- Do not disassemble the compact measuring tool, this will expose the user to hazardous radiation exposure.
- Do not attempt to change any part of the laser lens.

TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Laser lines can not project on wall or lines on the wall are weak or hard to see.	Batteries are weak.	Recharge the measuring tool.
Laser lines on the wall but lines are not level.	The horizontal bubble vial is not leveling. The laser ON/OFF/MODE switch must be pushed to the full on position.	Adjust measuring tool little when horizontal bubble vial in the middle position (middle between two vial lines). Be sure and adjust the laser ON/OFF/MODE switch is in the full on position.
Measuring tool can not detect any stud in the search area.	Batteries are weak. Nothing to detect in that area. Studs are too deep to be detected. Check calibration, may have been calibrated over a stud.	Recharge the measuring tool. Detect wood and metal studs up to 3/4 inch (19mm). Recalibration in a known area for testing, then start again moving farther to either side.
Measuring tool found too many studs in search area.	Detect out many other objects besides studs in the wall. Check calibration, may have been calibrated over a stud or close to AC wires.	Studs are normally spaced 16 inches or 24 inches (60cm) apart and are 1-1/2 inches (38mm) wide, be aware of anything closer together or of a different width.
Electrical wiring suspect, but do not detect any.	Batteries are weak. Wires are shield behind metallic wall coverings, or in metal conduit. The wires are not LIVE ones. Live wires are too deep to be detected.	Recharge the measuring tool. If detecting the area being controlled by a switch, make sure the switch is ON for detection. Use caution if area has plywood, thick wood backing behind drywall, or thicker than normal walls.

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. 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 two years 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, please 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.

Made in China

