



RPW-5500

Stud Finder

This app is optimized for:
iOS versions 6.0 and higher · Android versions 4.0 and higher
For a full list of compatible phones please visit
www.ryobitools.eu/phoneworks

DRYWALL USE ONLY

IMPORTANT SAFETY WARNINGS

⚠ WARNING

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

⚠ WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

⚠ WARNING

Use of controls, adjustments, or performance of procedures other than those specified here can result in hazardous radiation exposure.

- Read operator's manual carefully. Learn the applications and limitations, as well as the specific potential hazards, related to this device. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- Do not operate battery devices in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Battery devices create sparks which may ignite the dust or fumes.
- Do not disassemble the device. Contact with internal parts may increase the risk of electric shock or cause damage to the device.
- Do not use on a ladder or unstable support. Stable footing on a solid surface enables better control of the device in unexpected situations.
- Do not store the device in an area of high heat or humidity. Do not expose the device to extended high heat from the sun (such as on a vehicle dashboard.) To reduce the risk of serious personal injury, do not store outside or in vehicles. Damage to the device or the battery can result.
- Do not expose device to rain or wet conditions. Water entering a device will increase the risk of electric shock.
- Use the device in accordance with these instructions

and in the manner intended for the device, taking into account the environmental conditions and the work to be performed. Use of the device for operations different from those intended could result in a hazardous situation.

- Readings on some surfaces may be unreliable. Be aware that wallpaper containing metallic foil or fibers and plaster with metal mesh may cause the unit to function improperly.
- Ensure the device is disconnected and turned off before inserting or changing batteries.
- Do not mix old and new batteries or different brands of batteries.
- Remove batteries from the device when not in use for an extended time.
- Always replace the alkaline battery with the same type of alkaline battery. Use of any other battery packs may create a risk of injury and fire.
- This device should not be operated unless the battery compartment is closed.
- Do not place battery devices or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
- Do not crush, drop or damage battery. Do not use batteries that have been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any battery device in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this device. If you loan someone this device, loan them these instructions also.

SYMBOLS



Safety alert



Please read the instructions carefully before starting the product.



CE conformity



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

The following signal words and meanings are intended to explain the levels of risk associated with this product:

DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

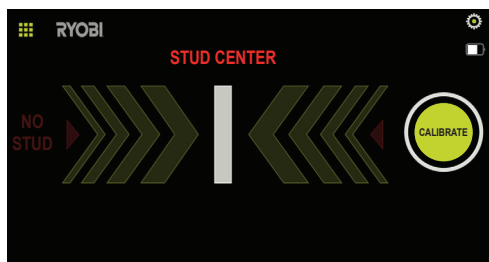
Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

(Without Safety Alert Symbol) Indicates important information not related to an injury hazard, such as a situation that may result in property damage.

FEATURES

- Locate stud center in drywall up to 19 mm thick.
- Smartphone-controlled calibration.
- Built-in, one-handed stud marker.
- Live tracking.



Icon	Description/Function
	Main RYOBI™ Phone Works™ app home screen

	Settings
	Device battery charge level
	Calibrate

ASSEMBLY

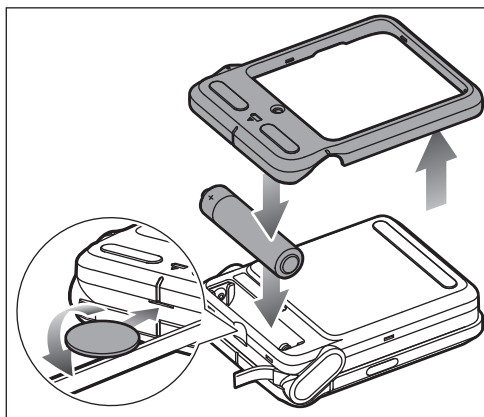
WARNING

Do not use this product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled or with damaged or missing parts could result in serious personal injury.

WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

INSTALLING/REMOVING THE BATTERY



One AAA battery is preinstalled in the unit. Before first use, locate and remove the red pull tab to activate the battery.

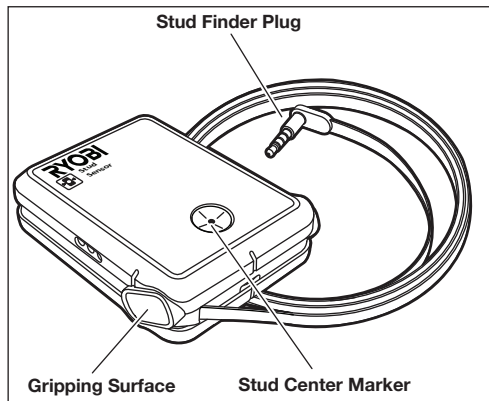
To replace the battery:

- Disconnect the device from the smartphone.
- Remove the battery cover by inserting the edge of a coin into the slot on the bottom and twisting.
- Install battery according to the polarity indicators.
- Replace the battery cover, making sure it is secure before use.
- Do not use the product without the battery cover installed.

NOTE: Remove the battery for storage when device will

not be used for long periods of time.

CONNECTING THE STUD FINDER TO YOUR SMARTPHONE



Select and open the RYOBI™ Phone Works™ app.

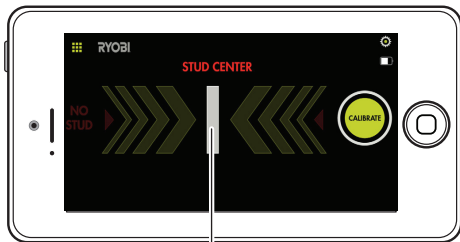
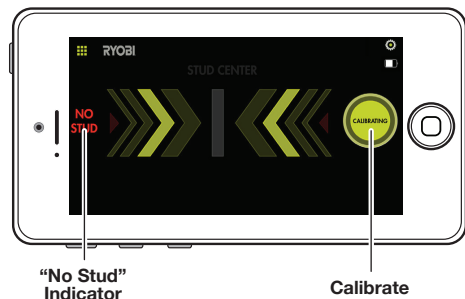
- Insert the stud finder plug into your smartphone's headphone jack.
- Turn the volume on your smartphone to its maximum setting.
NOTE: Some phones have features that limit the amount of volume available. Turn these features off before you attempt to use the device.
- Open the STUD FINDER App Segment.

OPERATION

OPERATING TIPS

- Grip the unit only by the gripping surfaces located toward the bottom on each side of the unit.
NOTE: Gripping the device anywhere else on the unit may lead to faulty readings due to interference with the sensor.
- The unit should remain firmly against the wall surface during the entire detection process.

USING THE STUD FINDER



NOTE: Readings on some surfaces may be unreliable. Be aware that wallpaper containing metallic foil or fibers and plaster with metal mesh may cause the unit to function improperly.

- Place the unit against the wall and select the CALIBRATE button on your smartphone. Hold the product still to allow the unit to calibrate. When the calibration process is completed, the interface on your smartphone will return to CALIBRATE.

NOTE: The unit must not be placed over a stud during the calibration process.

Locating studs or joists:

- Once calibration is complete, begin to slowly move the unit in a straight line to the left or right against the wall.
- As you near a stud, the graduated display will begin to light up. When you reach the center of the stud, the display will fully light up and the word STUD CENTER will appear at the top.
- To mark where center is, depress the button at the bottom of the unit to make a mark on the wall at the point where STUD CENTER appeared on the display. This will leave a small dimple on the wall surface.

MAINTENANCE

⚠ WARNING

When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

STORAGE

Store in a cool, dry location to prevent condensation or mold from forming inside the product. Do not store the device at temperatures greater than 50°C (such as on a dashboard or vehicle interior).

BATTERY RECYCLING/ DISPOSAL** WARNING**

Do not attempt to destroy or disassemble batteries or remove any of their components. All batteries must be recycled or disposed of properly. Do not discard large amounts of used batteries together. "Dead" batteries often have residual charge. When grouped together, these batteries can become "live" and pose a risk of possible serious injury.