



RPW-5000

Inspection Scope

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

Default Wifi Password: 12345678

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.

- Do not use the inspection scope for diving or any other prolonged underwater use.
- The plastic housing is not waterproof. The camera cable is waterproof to 1M.
- 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.

Icon

Description/Function



Main RYOBI™ Phone Works™ app home screen



LED Brightness
LED On/Off



Take a picture or video



Device battery charge level



Set new password



Notes



File cabinet (stored projects)



Camera



Video camera



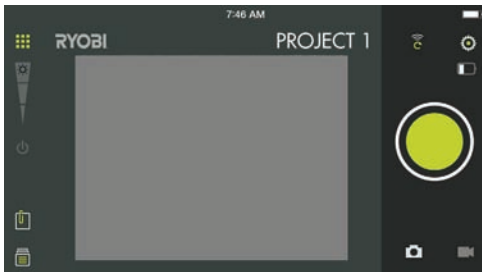
Audio note



Settings

FEATURES

- Attaches directly to your phone using the clip (included)
- Take pictures of the images captured by the scope
- File your video and pictures
- Share saved data
- View dark areas with the 3-stage LED adjustment
- Record a voice note in the image or video
- Send live video to your phone



ASSEMBLY

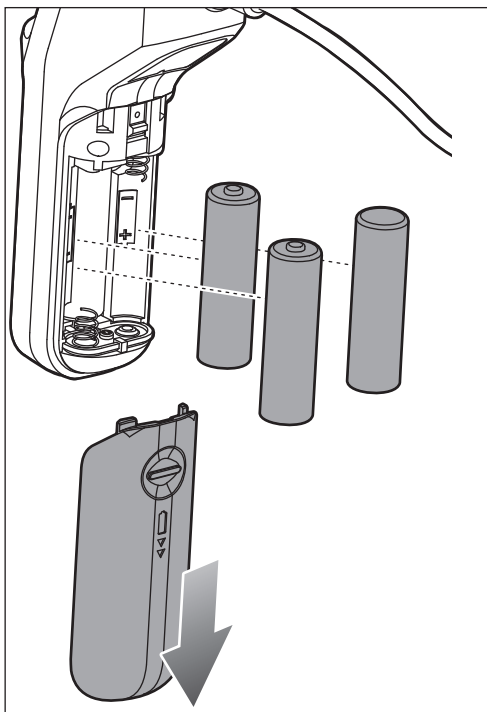
WARNING

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 BATTERIES

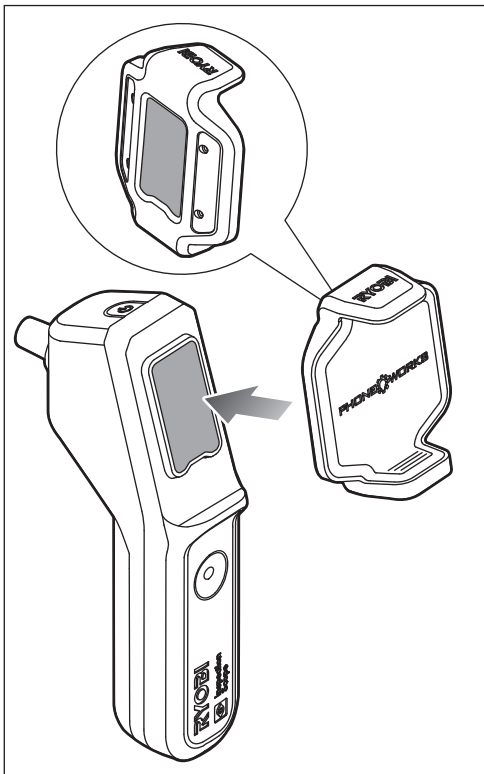


Three AA batteries are preinstalled. Before first use, locate and remove the red pull tab to activate the batteries.

- Disconnect the device from the smartphone.
- Slide the battery cover off.
- Install batteries according to the polarity indicators.
- Replace the battery cover, making sure it is secure before use.
- Do not operate the device without the battery cover installed.

NOTE: Remove the battery for storage when device will not be used for long periods of time.

ATTACHING THE PHONE CLIP



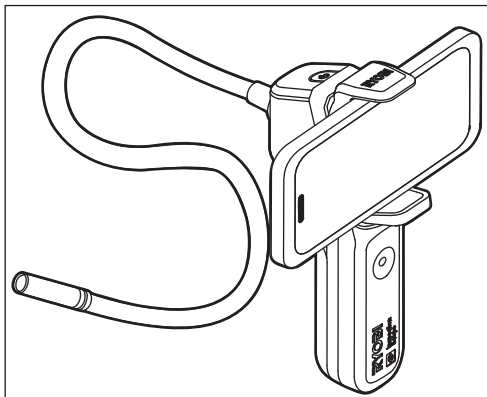
The clip expands to fit most smartphones. Always install the clip before attaching your smartphone.

- Align the hook-and-loop sections of the inspection scope to the matching portion of the clip.
- Make sure the two notches match and line up.
- With both thumbs, press the clip in the middle until you hear a "click".
- Make sure clip is securely attached to the inspection scope.

⚠ CAUTION

Always remove your smartphone when attaching the clip to the device. Pressing on the glass surface of the smartphone could cause breakage and result in personal injury.

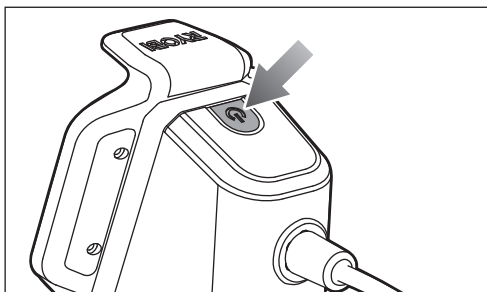
ATTACHING THE DEVICE TO YOUR SMARTPHONE



- Insert the smartphone into the clip and make sure it is securely attached before use.

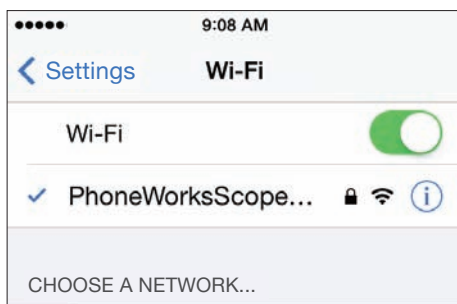
OPERATION

TURNING THE INSPECTION SCOPE ON/OFF



- To turn the device On, press and hold the power button until the button starts to light up green (approximately 5 seconds).
- The button should begin flashing within a few seconds. When it stops flashing and turns solid green, the scope is ready to connect.
- To turn the device Off, press and hold the power button for approximately 5 seconds until the button starts a flashing red pattern. It will turn Off in a few seconds.

CONNECTING THE DEVICE TO YOUR SMARTPHONE



- Turn the device On.
- On your phone, turn the wireless network On and open to the wireless connection screen.
- Select the network named "PhoneWorksScope..." with some trailing letters and numbers. **Enter the default password 12345678 or the password you have set as described in Setting a New Wireless Password.**
- Once the phone indicates that it is connected to the new network, go the RYOBITM Phone WorksTM App on your phone.
- Select and open the RYOBITM Phone WorksTM App.
- Open the INSPECTION SCOPE app segment. The video feed should start within a few seconds.

NOTE: Your phone may not have internet access while it is connected to the inspection scope.

SETTING A NEW WIRELESS PASSWORD

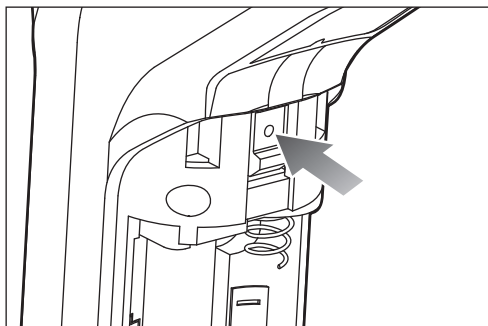


Setting an individual password is done through the app. A valid password must be from 8 to 63 characters.

- Turn the device On and connect to the wireless network PhoneWorksScope...
- Open the RYOBITM Phone WorksTM App and the INSPECTION SCOPE app segment.
- Click the Set New Password icon.
- Enter the new password and click OK.
- If the password is accepted, you must turn the device off to reset. When the device is turned on next, the new wireless password will be in effect.

NOTE:

- The password must be 8 to 63 characters. Valid characters include lower case and upper case English letters, numbers, spaces, and many common special characters.
- If the password is not accepted, the old password will still be in effect; try a different password.
- If your phone is configured to remember wireless passwords by forgetting the previously used network, you may need to update or clear the saved password before your phone can connect to the PhoneWorksScope... network with the new password.
- If you forget the password, it can be easily reset to the default. See *Resetting to the Manufacturer's Password*.

RESETTING TO THE MANUFACTURER'S PASSWORD

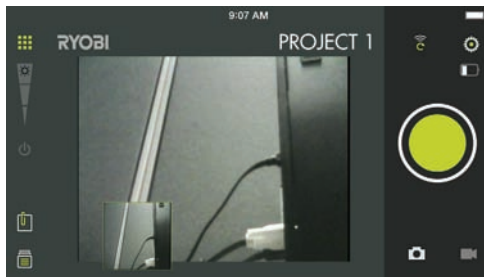
- Turn the device On.
 - Open the battery cover.
 - Locate the small hole in the latch.
 - Insert a paper clip into the hole and use it to depress the switch inside for at least 15 seconds until the device shuts down or resets.
- NOTE:** Use a paper clip no more than 1mm in diameter. Larger sizes will not fit and will prevent the clip from pressing the switch.
- Replace the battery cover.
 - The default password (12345678) will be in effect when the device resets or on next startup of the device.

AUTO SHUTDOWN

The inspection scope will turn Off if five minutes pass with no connection from the RYOBITM Phone WorksTM App.

Shutdown occurs when:

- The device is turned On but nothing is connecting to the wireless network;
- The device is turned On and a phone is connected to the wireless network, but the INSPECTION SCOPE app segment is not open;
- The phone goes to sleep or the RYOBITM Phone WorksTM App is sent to the background.

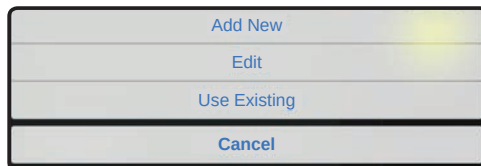
TAKING A PICTURE

Images can be saved and shared via email or social media.

- Aim the scope at the target area.
 - Tap the camera On icon and tap the large green button.
 - The picture will appear on the screen.
 - To save, swipe the picture to the left toward the file cabinet.
 - To delete, swipe the picture downward.
- NOTE:** Pictures will be saved into the current project name. To save into another existing project, see *Managing Your Projects*.
- Multiple pictures can be saved into each project.

TAKING A VIDEO

- Aim the scope at the target area.
- Select the video camera icon.
- Push the green button to start recording the video.
- Push the green button again to stop recording.
- To save, swipe the video to the left toward the file cabinet.
- To delete, swipe the video downward.

MANAGING YOUR PROJECTS

To add, edit, delete or share your images:

Tap the project name in the top right corner. A menu appears showing Add New, Edit, Use Existing or Cancel.

Add New

- Tap Add New and enter the name of your new project.
- Tap Done to return to the screen. Any screen shots or images saved will be stored under this new project name.
- To review images, tap the file cabinet icon. Tap the image to display the saved screenshot.
- **NOTE:** If no images have been saved, you will receive a notice that no readings are available in this project. You must save an image before you can open to review.

Edit

- Delete or add characters in the open project name and type in a new or revised name for your project.

Use Existing

- Scroll through the list of project names and select the one you wish to access.
- Tap Done to load the project.

CREATING NOTES

Tap the notes icon in the top right corner of the projects screen. A menu appears displaying Photos, Audio Memo, Location and Notes.

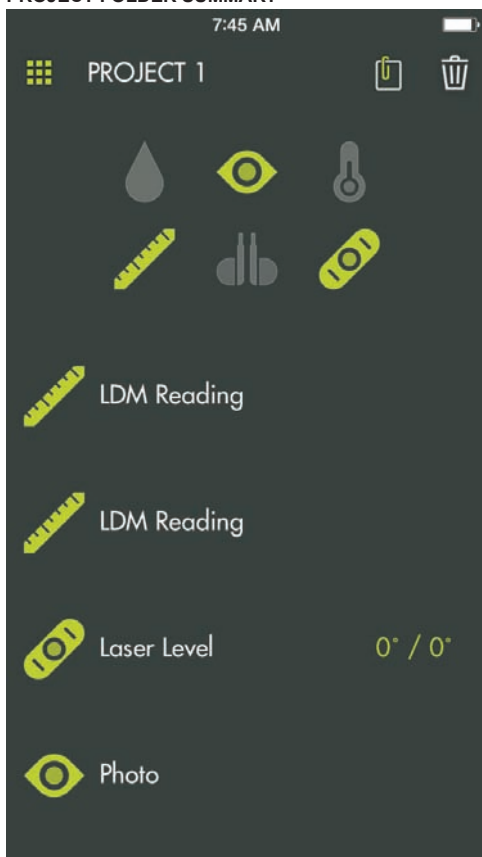
- Tap plus (+) for Photos to take a picture in the selected project or view current photos.
- Tap plus (+) for Audio Memo to record a voice memo of up to two minutes in the selected project. Tap the green button to begin recording. Tap again to stop.
- Tap plus (+) for Location and select Use Current Location to record your current location in the selected project. To edit or manually enter the location, tap plus (+) again to access the keyboard.
- Tap plus (+) for Notes to access the notes screen. Tap plus (+) again to access the keyboard.

SHARING NOTES

SELECT THE SHARE ICON .

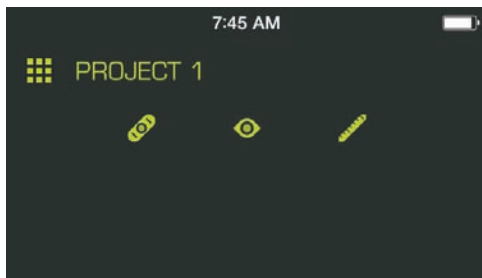
- Select the share icon .
- Select the share icon on each piece of data you wish to share.
- Select the share method.

PROJECT FOLDER SUMMARY



- The file cabinet  may be accessed from the RYOBI™ Phone Works™ home screen or from any app segment.
- Accessing the file cabinet from the home screen will display all projects and icons representing the app segments used for each project.

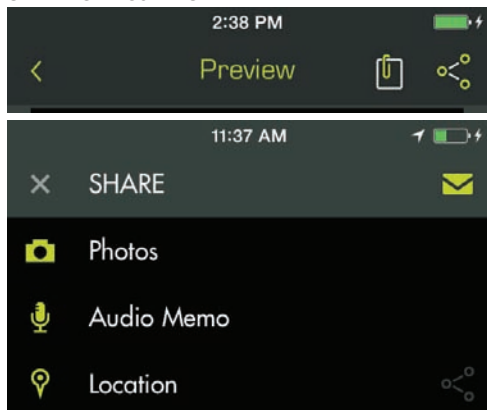
PROJECT SUMMARY



- Accessing the file cabinet from within a project will display the app segments containing photos or data.

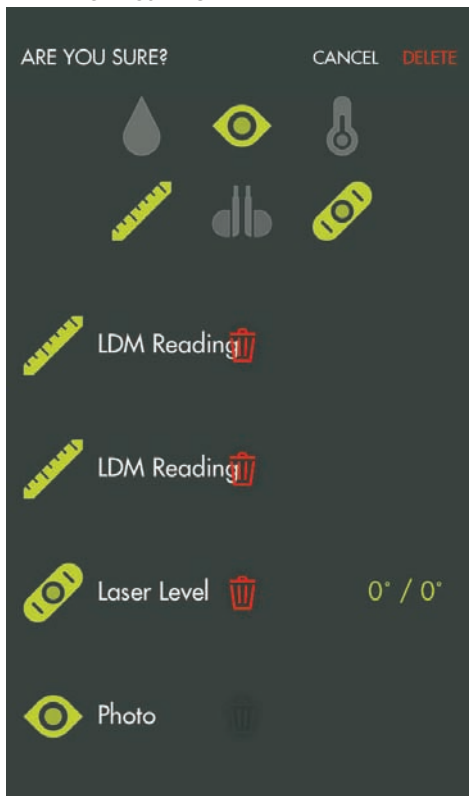
- Tap an icon to select or deselect an app segment within a project. When an app segment is selected, stored items will be visible.
- Tap a stored item to preview its details.

SHARING PROJECTS



- To share the picture, tap the share icon (share icon) to the right of Preview. A blank email opens with the image attached.
- Tap Cancel to save the email as a draft or delete the draft. Sending the email returns you to the Preview screen.
- To exit preview, tap the arrow to the left of Preview.

DELETING PROJECTS



- To delete a project view, tap the trash can icon. Tap the project view(s) you wish to delete. A red trash can appears next to each item you have selected to delete. Tap DELETE (trash can icon) to remove the item.
- To delete an entire project across multiple devices, return to the RYOBI™ Phone Works™ home screen. Select the file cabinet icon and then select the project you wish to delete. Swipe to reveal the DELETE option and select DELETE.

GLOBAL SETTINGS/SETTINGS



- Tap the Settings (gear icon) icon on the RYOBI™ Phone

Works™ home screen to make changes based on your preferences.

- Settings specific to some app segments can only be changed within the app segment.
- Tap Save to apply changes.
- You may also LOGOUT from this screen, view the Terms and Conditions, and view the Privacy Policy.

NOTE: Functions may need to be reset when it is subjected to electrostatic discharge disturbance test. Follow the instructions described in the manual to reset the function for the normal operation.

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.