

## RugGear RG910

# RugGear RG910 Rugged 8-inch Tablet User Manual

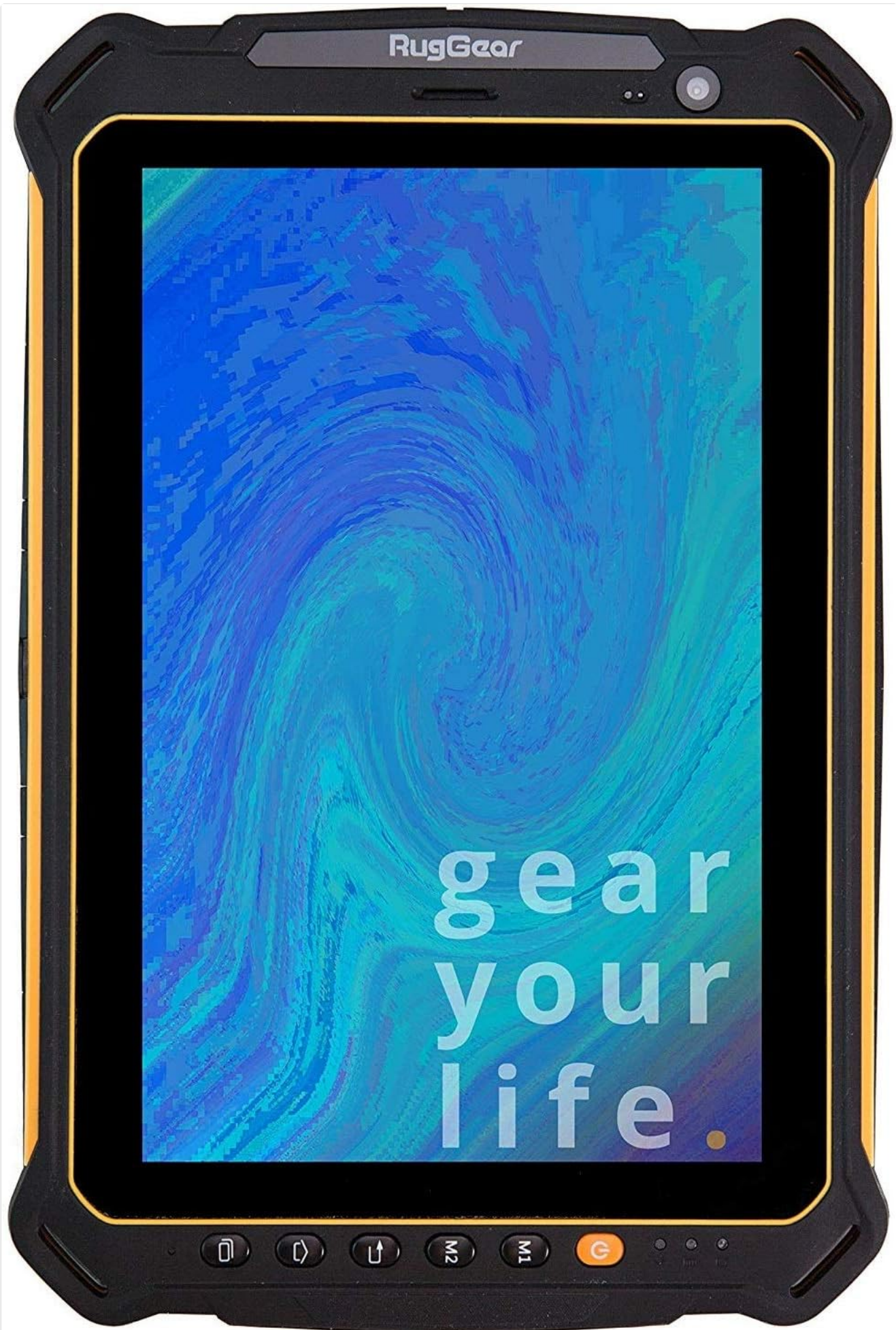
## 1. INTRODUCTION

Welcome to the user manual for your RugGear RG910 Rugged 8-inch Tablet. This document provides essential information for setting up, operating, maintaining, and troubleshooting your device. The RG910 is engineered for demanding environments, offering superior durability and connectivity for outdoor work and extreme conditions.

Please read this manual carefully to ensure proper use and to maximize the lifespan of your tablet.

## 2. PRODUCT OVERVIEW

The RugGear RG910 is a robust tablet featuring an 8-inch WUXGA touchscreen, designed to withstand harsh conditions. It incorporates advanced sealing technology for high water and dust resistance, and is built to endure drops and impacts.



*Figure 2.1: Front view of the RugGear RG910 rugged tablet, showcasing its durable design and display.*

Key features include Push-to-Talk (PTT) functionality, a long-lasting 6000 mAh battery, and an Android 8 (Oreo) operating system optimized for performance and power efficiency. The device is IP68 certified, allowing submersion

in water up to 1.2 meters for 60 minutes, and is drop-resistant up to 1.5 meters.

# RugGear®

# RG910



## Reliable performance and adaptability to withstand the elements

High endurance with unparalleled adaptability to safeguard against extreme weather conditions and multiple shocks

## PTT (Push-to-talk) capability

Manage emergencies and team work effectively



### Long battery life and upgrade

Unrivalled power saving. From the 6000 mAh battery to the adapter, each component delivers more power for more hours dedicated to the priorities



### Android 8 (Oreo) optimisation

Smarter, faster, and more powerful than ever, the tablet runs on Android Oreo to perform desired tasks on demand. Background activity is minimised to function with extended battery life



### IP68 water, dust and drop resistance

Advanced sealing technology against extreme temperatures and conditions, water depths of up to 1.5 m (IP68) and falls from 1.5 m



### Dual Stereo Speakers

Hear a richer sound with the Dual stereo speakers. The RG910 captures the action with state-of-the-art sound quality for critical communications in the workplace

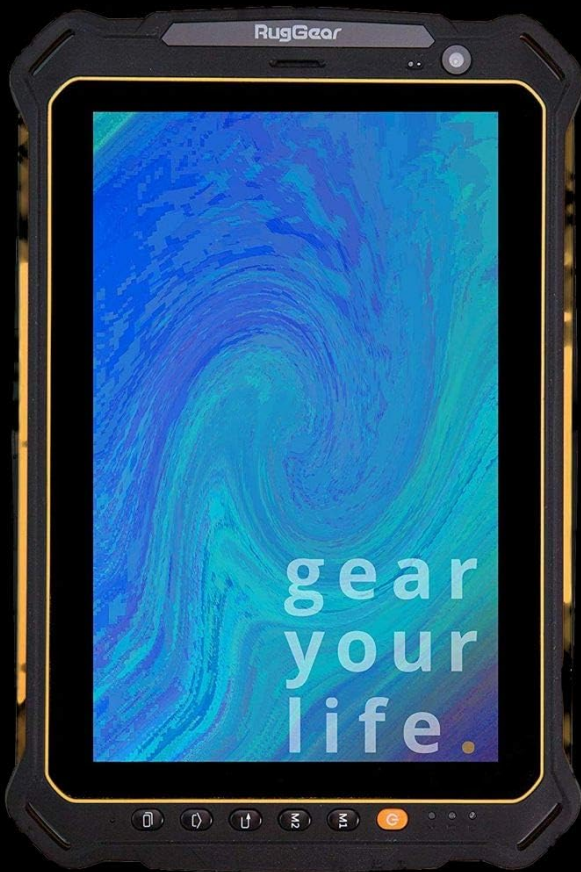
Figure 2.2: Infographic highlighting the RG910's reliable performance, PTT capability, long battery life, Android 8 optimization, IP68 rating, and dual stereo speakers.

Connectivity options include 4G LTE, Wi-Fi 802.11b/g/n, and Bluetooth 4.0. It also features 8MP and 2MP cameras, GPS, A-GPS, GLONASS, and Beidou for navigation. The display is protected by Corning Gorilla Glass for enhanced durability and readability in sunlight.



# RugGear® RG910

**Versatile, Tough and Built to Survive**



**Experience superior rugged technology and stay connected for longer**

**The PTT (Push-to-talk) tablet masters any work challenge**

**With powerful Android 8 (Oreo), your workers can stay up-to-date, fast**

*Figure 2.3: The RugGear RG910 tablet being used, illustrating its robust construction and suitability for various tasks.*

## **3. SETUP**

### **3.1 Charging the Device**

Before initial use, fully charge the tablet using the provided charger and USB cable. Connect the charger to a power outlet and the USB cable to the tablet's charging port. The charging indicator will show the charging status.

### **3.2 Inserting SIM and Micro-SD Cards**

1. Locate the SIM/Micro-SD card slot cover on the side of the tablet.
2. Carefully open the cover.
3. Insert the Nano-SIM card into the designated slot with the gold contacts facing down, ensuring it is correctly oriented.
4. If using, insert a Micro-SD card (up to 64GB) into its dedicated slot.
5. Close the cover securely to maintain the device's water and dust resistance.

### 3.3 Initial Power-On and Setup

Press and hold the Power button until the RugGear logo appears. Follow the on-screen instructions to complete the initial setup, which includes selecting your language, connecting to a Wi-Fi network, and setting up your Google account.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Power On/Off

- **To Power On:** Press and hold the Power button until the screen illuminates.
- **To Power Off:** Press and hold the Power button until the power options appear, then select 'Power off'.
- **To Restart:** Press and hold the Power button until the power options appear, then select 'Restart'.

### 4.2 Basic Navigation

The RG910 uses a capacitive touchscreen. Use standard Android gestures:

- **Tap:** Select an item or open an application.
- **Swipe:** Scroll through lists or switch between home screens.
- **Pinch:** Zoom in or out on images and web pages.
- **Long Press:** Access contextual menus or move icons.

### 4.3 Push-to-Talk (PTT) Functionality

The RG910 supports Push-to-Talk (PTT) communication. A dedicated PTT button may be present on the device. Consult your service provider or PTT application instructions for specific setup and usage details.

### 4.4 Camera Operation

To use the cameras:

1. Open the Camera application from the home screen or app drawer.
2. Tap the screen to focus.
3. Tap the Shutter button to take a photo or start/stop video recording.
4. Switch between front and rear cameras using the camera toggle icon.

### 4.5 Connectivity

- **Wi-Fi:** Go to *Settings > Network & internet > Wi-Fi* to connect to available networks.
- **4G LTE:** Ensure your SIM card is inserted and mobile data is enabled in *Settings > Network & internet > Mobile network*.
- **Bluetooth:** Enable Bluetooth in *Settings > Connected devices > Bluetooth* to pair with other devices.

## 5. MAINTENANCE

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### 5.1 Cleaning the Device

To clean your tablet, use a soft, damp cloth. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the device's ruggedized coating and seals. Ensure all port covers are securely closed before cleaning with moisture.

## 5.2 Water and Dust Resistance (IP68)

The RG910 is IP68 certified, meaning it is protected against dust ingress and can withstand submersion in fresh water up to 1.2 meters for 60 minutes. To maintain this rating:

- Ensure all port covers (USB, SIM/Micro-SD slot) are firmly closed before exposure to water or dust.
- Do not expose the device to salt water, chlorinated water, or other liquids.
- If the device gets wet, dry it thoroughly with a clean cloth before opening any covers or charging.

## 5.3 Battery Care

- Avoid extreme temperatures, which can degrade battery performance.
- Use only the original or certified compatible charger and cable.
- Do not puncture, disassemble, or modify the battery.

## 5.4 Software Updates

Regularly check for and install software updates to ensure optimal performance, security, and access to new features. Go to *Settings > System > System update*

# 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your RugGear RG910 tablet.

Issue	Possible Solution
Device does not power on	Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again. If unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.
Screen is unresponsive	Restart the device. If the issue persists, ensure the screen is clean and dry.
Cannot connect to Wi-Fi/4G	Check Wi-Fi settings and ensure the network password is correct. For 4G, verify SIM card insertion, mobile data is enabled, and you have network coverage. Restart the tablet.
Battery drains quickly	Reduce screen brightness, close unused applications, disable unnecessary connectivity features (Bluetooth, GPS), and check for background app activity in settings.
Device is slow or freezes	Close background applications. Clear cache for problematic apps. Restart the device. Consider a factory reset if the issue is persistent (back up data first).

# 7. SPECIFICATIONS







Detailed technical specifications for the RugGear RG910 tablet:

Feature	Description
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Feature	Description
Brand	RugGear
Model Number	98300000
Operating System	Android 8 (Oreo)
Display	8-inch WUXGA (1920 x 1200 pixels) with Corning Gorilla Glass
Processor	Qualcomm Snapdragon 625
RAM	3 GB
Internal Storage	32 GB (expandable up to 64 GB via Micro-SD)
Battery	6000 mAh Lithium-ion
Connectivity	4G LTE, Wi-Fi 802.11b/g/n, Bluetooth 4.0, GPRS
Cameras	Rear: 8 MP, Front: 2 MP
Navigation	GPS, A-GPS, GLONASS, Beidou
Durability	IP68 certified (water/dust resistant), Drop-resistant up to 1.5 meters
Dimensions (L x W x H)	21.3 x 14.1 x 2 cm
Weight	906 Grams
Special Features	Ruggedized Construction, Push-to-Talk (PTT) functionality, Adjustable back strap
Model Year	2018

## 8. WARRANTY AND SUPPORT

Your RugGear RG910 tablet is covered by a manufacturer's warranty. Please refer to the warranty card included with your product packaging for specific terms and conditions, including warranty duration and coverage details. For technical support, service, or further assistance, please contact RugGear customer service or your authorized dealer.

	<p><a href="#">RugGear RG935 Quick Start Guide</a></p> <p>A concise guide to the RugGear RG935 rugged tablet, covering its keys, functions, battery, charging, and safety information. Learn how to set up and use your RG935 for professional and industrial communication.</p>
	<p><a href="#">RugGear RG730 Quick Start Manual</a></p> <p>This is the quick start manual for the RugGear RG730 smartphone, providing essential information on setup, safety, operation, specifications, troubleshooting, and compliance. It includes instructions for first use, display layout, and device maintenance.</p>
	<p><a href="#">RugGear RG360: Short Guide for Rugged Smartphone</a></p> <p>Explore the RugGear RG360 rugged smartphone with this concise short guide. Learn about its features, safety precautions, battery installation, charging, and key functions like PTT and Lone Worker Protection.</p>
	<p><a href="#">RugGear RG440 User Guide and Safety Information</a></p> <p>Explore the features and safety guidelines for the RugGear RG440 rugged mobile device. This guide provides essential information for operation, maintenance, and compliance.</p>
	<p><a href="#">RugGear RG880 Short Guide: User Manual and Safety Information</a></p> <p>This short guide provides essential information and safety instructions for operating the RugGear RG880 rugged smartphone. Learn about device features, preparation, charging, and important safety advisories.</p>
	<p><a href="#">RugGear RG100 Quick Start Manual</a></p> <p>Get started with your RugGear RG100 rugged mobile phone. This quick start guide provides essential information on setup, operation, safety, and specifications.</p>



