

RugGear®

 **Alfa y Omega**
COMUNICACIONES



RG170

Review Guide

About RugGear

Ruggear has been designing and producing smart rugged devices for professionals for more than twelve years. As one of the few companies in the world with complete control over its supply chain, Ruggear offers the broadest product range in the Rugged industry. Full control means being able to offer better customer service on competitive offerings, but also ensures a vast amount of certifications and credentials to fit a business' need.

Not being dependent on third parties for manufacturing and development, give our users more innovative products, with larger screen-to-body ratios, newer Android versions, custom buttons and greater PTT solution compatibility.





The RG170 runs Android Oreo Go Edition, which gives it the ability to run Android apps. However, the RG170 does not offer GMS (Google Mobile Services) which makes it easier for businesses to limit the amount of personal apps on work phones and reduces the chance of malware on the company network. The device offers many dedicated keys for the execution of key tasks at work, but it can also be operated via the touch screen.

Swiss Army Knife of communication



LED Torch

The Integrated LED torch can be used to find detail in poorly lit corners of the workplace. The LED light power consumption is manageable, especially for a device with such a large battery.



Extra large Speaker

Working in noisy environments often causes missed phone calls, messages or other notifications. On the RG170 we embedded a large-size 36mm speaker that deliver 1.5W to ensure you will hear it when you need to.



Next Level Waterproof: IP69

The RG170 has closed off all its connectors and used extra protection for speaker and microphone. The IP69 certification ensures this RugGear cannot only stay under water for , but it can also withstand water pressure, for instance when cleaning the device.

Enforced Corners for Durability

The corners of the housing are the most vulnerable spots on any device, because it takes the entire force on one spot when the RG170 drops. This is why we focused the design around the ability of the corner to withstand serious drops. Together with military-grade shock absorption, it is difficult to find a tougher phone.

Features for Professionals



Dedicated Buttons

On the job, you never really have your hands free. To make sure the most important feature of the phone is at your finger tips, the RG170 sports a customizable button to which any function can be assigned. For instance, push-to-talk messaging by a certified partner (check with us for details). We also support SOS buttons for lone workers.

Large replaceable Battery

There is no substitute for battery life. Nothing is more annoying than not lasting through the day, even if the usage level of the RG170 is high and the wireless reception is poor, draining more battery capacity. However, the 2800 mAh battery is normally found in much bigger phones with larger screens. Also, the battery is replaceable, so you can switch an be on your way.

Unique Feature Set



IP69 water and dust proof. Drop proof from 1.5m



Android 8.0 Go (Oreo)



4G Phone with WiFi hotspot functionality



Large removable battery



Extra loud speaker



Torch on top of the device to work in poorly lit places



Dedicated buttons for Push-to-Talk and SOS



FM Radio

Technical Specification

Brand & Device name	RugGear RG170
Operating System	Android Go 8.0 (Oreo)
Processor	Mediatek MTK6739V, quadcore 1.5Ghz
Memory (RAM/Storage)	1GB / 8GB
Screen Size	2.4" IPS QVGA touch screen
Battery capacity	2800 mAh
Camera	2.0 megapixel (f/2.8)
IP-rating	IP69
Drop proof	Yes, 1.5m certified drop
Shock proof	MIL-STD 810H
Wireless Connectivity	2G/3G/3G+/4G/WiFi 802.11 b/g/n
Other Connectivity	GPS, A-GPS, Glonas, Bluetooth 4.2 low energy
In-box content	Device (RG170), Adapter, (micro) USB cable, quickstart guide & beltclip





RugGear[®]
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