

GET THE POWER OF HANDS-FREE VOICE IN THE MOST DEMANDING ENTERPRISE ENVIRONMENTS

RCH51



Rugged and hygienic design for shift workers inside and outside the four walls.

This rugged headset is built for use indoors and outdoors, able to survive freezing temperatures, rain, snow and even an accidental drop in a puddle. And since users can replace the microphone windscreen and ear pad at the start of their shift, headsets can be shared among workers without the risk of spreading germs.

The challenge: Enabling robust voice in the harshest environments

Zebra's rugged mobile computers are transforming the way you do business — delivering the real-time connection to close the gap between your back-end systems and the most demanding environments found throughout your operations. With support for both real-time mobile data and voice, our versatile devices ensure you get maximum value from your mobility investment. Your workers have all the business productivity tools needed to take action on the spot, along with a real-time voice link that connects your entire organization.

However, the harsh environments found in the yard, warehouse floor or oil rig present unique challenges to voice applications. You need a headset that can take everything your environment throws at it — everything from freezing temperatures, rain and snow to an accidental drop in a deep puddle. You need a headset that's comfortable to wear and won't hamper workers as they perform each task. You need a headset that ensures workers and callers hear every word, no matter how noisy

it might be. And since headsets are often shared across different shifts, you need a design that can help prevent the spread of germs and bacteria to protect worker health.

In short... you need Zebra's RCH51 rugged headset.

The solution: Zebra's RCH51 — a rugged, yet affordable headset

With the RCH51 rugged cabled headset, you can extend hands-free voice applications to your Zebra mobility users, no matter how noisy or harsh the environment. Designed for use on a dusty, noisy assembly line as well as a snowy ski area, the RCH51 offers a rugged design and enhanced acoustic quality to support hands-free voice-directed applications and real-time voice communications. This lightweight headset delivers all the features needed to ensure you make the most of mobile voice in every corner of your operations:

- **Crystal clear voice quality:** The RCH51 is loaded with features that ensure superior acoustic performance by protecting the technology inside the headset, as well as addressing the environmental challenges of noisy environments.

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For example, sealed audio components protect the speaker and microphone from moisture that would otherwise create distortion and degrade audio quality. As a result, your workers hear every word on every call and hear each instruction the first time.

- **Noise cancelling microphone:** Noisy machinery, blustery wind or other workers in the background? No problem. Our superior noise cancelling technology filters out background sounds, including ambient noise that's only inches away. This means that your voice-directed applications won't accidentally receive multiple inputs, and callers on the other end will hear clear, confident audio.
- **Rugged design for the most demanding environments:** Premier industrial specifications ensure the RCH51 withstands the warehouse freezer, the heat of the loading dock and sleet on the tarmac. The headset is built to survive an industry leading multiple 6 ft./1.8 drops and continues to perform after 1,000 consecutive 1.64 ft./0.5 m hits in our tumble drum. And IP67 environmental sealing makes the headset fully submersible.
- **Comfortable all shift long:** The lightweight ergonomic design of the RCH51 eliminates pressure points for all day comfort. And an adjustable one-size-fits-all headband comfortably accommodates any size worker.
- **Quick disconnect safety feature:** A quick disconnect feature allows workers to rapidly separate the mobile computer and the headset, improving worker safety and minimizing the risk of damage to the connectors.
- **Hygienic design for shift workers:** With a user replaceable microphone windscreen and ear pad, workers can share headsets across different shifts, without the risk of spreading germs. And the RCH51 can be wiped down at every shift change to further protect the health of your workforce.
- **Universal design:** The RCH51's universal connector is compatible with our most popular rugged industrial mobile computers, pocketable Enterprise Digital Assistants (EDAs) and wearable computers with ring scanners. This flexibility means you can deploy the same headset across your workforce, no matter what type of mobile device they need for their job.

Whether your workers need hands-free voice-directed applications, one-to-one real-time voice communications or push-to-talk (PTT) capabilities over the wireless LAN or wireless WAN, the RCH51 offers the high performance, all day comfort and superior rugged construction to fit

into virtually any environment and application — from warehousing, manufacturing and transportation & logistics to retail, maintenance and inspections and field service.

Warehousing

From the freezer to the yard, the RCH51 increases worker productivity and reachability with efficient voice-directed applications, as well as hands-free, real-time voice communications.

Efficient voice-directed picking, replenishment and more

A Zebra mobile computer and RCH51 rugged headset turn your warehouse management system pick lists into easy-to-follow verbal commands. Warehouse workers hear the commands clearly through the noise-cancelling headset each and every time — so commands never need repeating and the fast pace of your warehouse is never slowed down. The result is faster and more accurate picking, replenishment, putaway and other tasks — and you don't have to invest in a separate voice picking solution. The superior industrial construction of the RCH51 means you can extend voice-directed applications to more areas of your warehouse and supply chain — including the receiving dock, the yard, even the freezer. Our rugged design protects the headset's sensitive audio components even when workers quickly move from sub-zero to room temperature, or are loading a truck at the dock door in a heavy rain. And user-replaceable microphone windscreen and ear pad enable workers to share headsets across different shifts... without also sharing their germs.



Real-time voice across your organization

When your warehouse workers are equipped with a Zebra mobile computer, they have all the tools needed to speed up and error-proof each task at hand — from picking and replenishment to packing and shipping. The lightweight headset is comfortable enough to wear all shift long, while the rugged construction delivers reliable performance in virtually any environmental condition.

When your workers wear the RCH51 headset, they're instantly accessible no matter where they are. Supervisors can easily reach an individual employee or all warehouse workers in seconds to distribute priority tasks or other important messages on the fly. And workers can instantly contact supervisors and co-workers as needed to resolve whatever issue arises. And our voice client unites your entire staff over the wireless LAN, whether they carry a full-sized industrial mobile computer, a pocketable EDA, a low cost smartphone, even a two-way radio (Radio Link Server required). This seamless communication across device families creates a virtual employee network that keeps warehouse workers and managers connected — and ready to respond to whatever is needed at the moment.

Manufacturing

The RCH51 cabled headset brings added value to your rugged Zebra mobile and wearable computers, providing hands-free voice to your maintenance engineers, mobile operators, inspectors and more. The result is tighter collaboration across your plant operations — instant access to information, faster answers, greater efficiency and enhanced safety.

Hands-free voice communications in asset maintenance

Your maintenance engineers play a crucial role in your facility. They keep the equipment running at peak performance and address whatever issues arise to keep the assembly line moving. A Zebra mobile computer helps these essential employees do their job better, with instant access to instrumentation diagrams, troubleshooting videos, maintenance history, SCADA systems, HMI applications and more. The RCH51 headset further enhances their daily job functions, offering a hands-free, real-time voice link. Our unique voice client ensures seamless communication over your wireless LAN, regardless of the type of Zebra device each employee may be carrying. Now your engineers can talk to anyone inside or outside your environment — whether it's maintenance personnel on a Zebra two-way radio, a supervisor using a Zebra EDA or the equipment vendor.

Engineers can send a photo of the equipment problem or view a schematics drawing, while simultaneously talking through the problem with a specialist. When the engineer does not need to view content on the device screen, the comfortable headset leaves his or her hands



free to work on the task at hand. There's no need to interrupt work to receive a call from a supervisor or call a colleague with a question. And our leading industrial rugged construction makes sure the RCH51 holds up to virtually any environmental condition — ensuring clear, confident communications despite loud noise, pouring rain and freezing temperatures. As a result, your maintenance engineers always have access to the answers they need — bringing equipment back online faster than ever to minimize productivity losses.

Crystal clear voice for mobile operators and inspectors

Your mobile operators are constantly on the go, performing rounds throughout the premises to collect vital data such as air samples and sensor data. A Zebra mobile computer puts electronic smart rounds, checklists, process flow diagrams and more all in the palm of their hands. And when you add the RCH51 rugged headset to the Zebra mobile computer, these same operators benefit from hands-free, crystal clear voice communications. Wherever they are in the facility, operators can instantly reach colleagues and supervisors — for example, to ask the control room to restart a piece of equipment, alert a supervisor of a critical issue, get approval to perform an operation or check with engineering for tech support. Our advanced acoustic technology is optimized for the noisy environments found in a manufacturing plant. In short, every word is heard on every call — even when your operators need to talk right by the loud assembly line or are outdoors in the dead of winter.

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Transportation and logistics

Whether your drivers spend their day delivering beverages to convenience stores or cement to construction sites, a Zebra mobile computer provides dispatch instructions, turn-by-turn directions, real-time traffic, automated mileage calculation, delivery confirmation, invoicing and more. With the RCH51 headset, account managers and drivers also enjoy safe, hands-free voice communications while on the road, at a customer location or in the depot center.

Hands-free voice for drivers... in and out of the truck

Real-time voice communications ensures your drivers can reach and be reached by co-workers, dispatch, supervisors and customers, regardless of the fact that they are always on the move. The RCH51 headset supports whatever voice communication is required at the moment, whether it's WWAN cellular connectivity on the road or cost-effective VoWLAN calling while in the depot center. On the road, drivers can easily call customers with accurate and up-to-date delivery windows. PTT walkie-talkie style capabilities provide an instant connection between dispatch and one driver — or dispatch and all drivers.

The lightweight RCH51 ensures all-day comfort during your driver's entire shift, and features a modern design that's ideal for time in front of customers. Its industrial rugged design means your drivers can continue conversations outside the truck, even in pouring rain, sleet and freezing temperatures. And since background noise out in the field can wreak havoc with phone conversations, we've designed the RCH51 with advanced noise cancelling technology. Whether your driver is talking to a customer or dispatch, their voice will come across crystal clear. All background noise — including wind, crowds, traffic and other conversations — is eliminated.

Retail

In the backroom, the RCH51 cabled headset supports voice-directed replenishment and other applications, as well as creates a convenient, real-time voice communications link between the backroom and sales floor.

Affordable, high performance voice-directed inventory applications in the backroom

Without having to invest in multiple systems and devices, the same Zebra mobile computer can be used to take inventory counts, process incoming shipments on the loading dock, as well as support real-time voice communications and voice-directed applications. Your backroom retail workers can receive replenishment instructions via an easy to follow voice-directed application. The RCH51's superior voice quality ensures workers hear each instruction clearly, while the headset's noise cancelling microphone makes sure your workers' responses are recognized by your application the first time, every time. No matter how busy or noisy your backroom may be, work is never interrupted while workers struggle to hear the command or repeat the confirmation response. In addition, when your workers are handling bulky or heavy items, the RCH51's quick disconnect feature improves worker safety and helps prevent damage to both the headset and connector on the mobile computer.

Real-time voice communications between your sales floor and backroom

When your backroom workers wear an RCH51 headset, they are instantly accessible to supervisors and associates on the sales floor. Whether it's a request to bring out an over-sized item from the backroom, locate a sweater in a different size or replenish an empty shelf for the weekly promotion, your backroom employees instantaneously receive high priority tasks — and are sure to respond to each task with the rapid speed needed to protect sales and keep your customers happy.

Maintenance and inspections

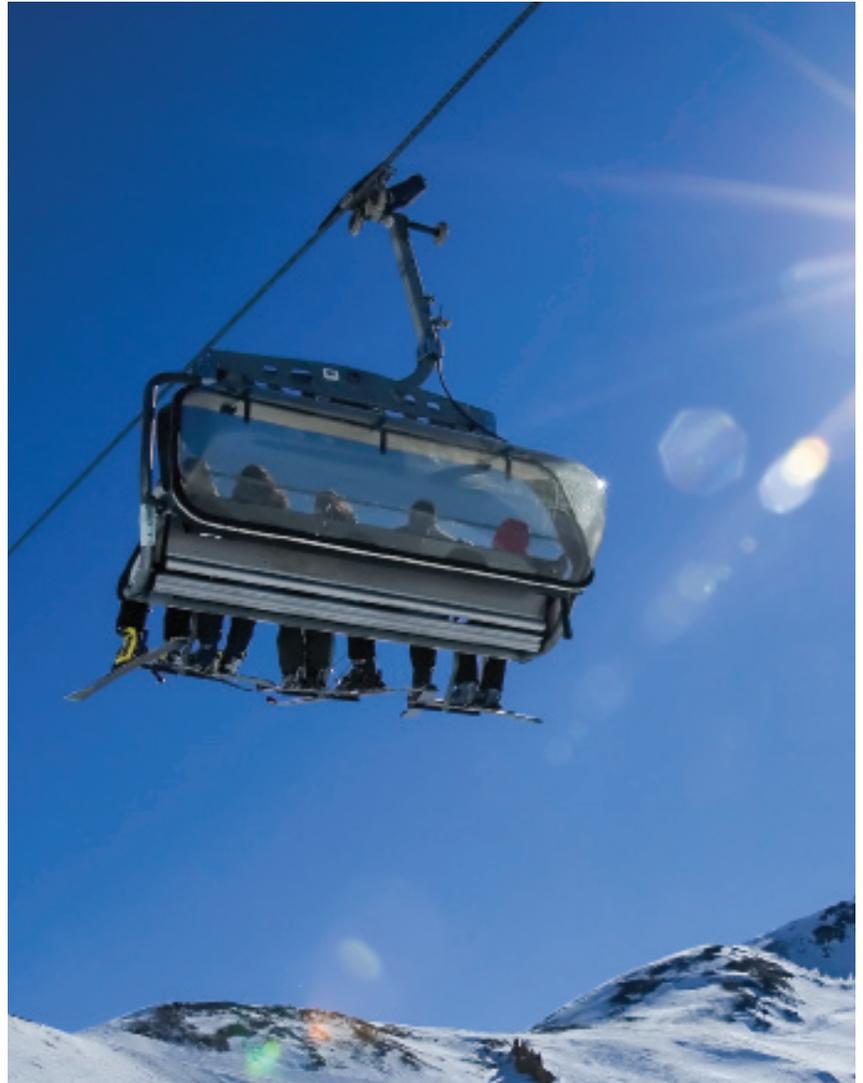
The RCH51 rugged headset brings a dependable, high quality voice connection no matter how extreme the condition... whether your maintenance technician needs to repair a ski lift or inspect a new building site.

Real-time voice on the ski slopes, theme parks and more

Equipped with a Zebra mobile computer, your hospitality maintenance staff is always available at the press of a button. Managers can reach maintenance personnel wherever they may be to address events or issues that require immediate attention. And maintenance staff can send a quick voice confirmation to notify managers as soon as a task is complete. Unlike walkie talkies, the RCH51 headset offers the necessary discretion to handle sensitive issues in public or crowded areas. The RCH51 makes safe, hands-free voice possible in any environment — from sub-freezing ski slopes to the pump room at a water park. As a result, maintenance workers can easily talk to supervisors, experts and others while their hands are focused on the repair work before them.

Safe voice communications at the construction site and out in the field

On construction and other work sites, your inspectors rely on Zebra mobile computers to check their work orders, complete digital inspection forms and submit photos and reports right from the field. By adding the rugged RCH51, these same mobile devices now serve double duty with high-performance, hands-free voice access. Inspectors can easily talk with supervisors and colleagues no matter where they are, or what they're doing. The headset's advanced acoustic design delivers superior voice quality, even in the noisiest construction zones. This means that when inspectors need to alert supervisors of an urgent situation at a worksite or when an inspector needs to be reached for a high priority job, every word is heard.



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Field service

Whether a repair is required on an oil rig or manufacturing warehouse, field service often entails some of the roughest and toughest environments around. The industrial design of the RCH51 offers perfect voice quality, no matter the environmental conditions and noise levels.

Energy and utilities: real-time, reliable voice in the field

In combination with the rugged RCH51, the same Zebra mobile computer used to photograph infrastructure damage, view work orders and pull up maintenance history can also provide a real-time voice link on the oil rig, natural gas pipeline and mine shaft entrance. Collaboration is greatly enhanced, as field engineers can send a photo or receive text instructions, while simultaneously talking to tech support specialists at headquarters or the equipment supplier. Managers and dispatch can instantly reach any engineer in the field in seconds to distribute priority tasks. Zebra's superior rugged construction ensures reliable use even in the dead of winter or pouring rain. And given the

hazardous nature of field environments, this dependability improves employee safety, no matter where they're located.

Industrial environments: crystal clear voice in noisy environments

When repair technicians are dispatched to fix a blower system in a manufacturing facility or the ventilation in an office, they're faced with a loud environment and potentially cramped spaces. The RCH51 headset is optimized to deliver superior acoustic performance in noisy environments, so the worker perched by a loud vent and the caller on the other end hear every word on every call. Your repair technicians no longer need to interrupt the task at hand to find a quieter place to talk, and there's no misunderstandings based on poor audible quality. And the hands-free freedom lets technicians talk while performing a repair, even in space-constrained areas.

FOR MORE INFORMATION ON HOW YOU CAN LEVERAGE THE POWER OF THE RCH51 IN YOUR ZEBRA MOBILITY SOLUTIONS, PLEASE VISIT US ON THE WEB AT WWW.ZEBRA.COM/RCH51 OR ACCESS OUR GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACT

BIG RETURNS FROM A SMALL INVESTMENT

As part of our comprehensive accessory ecosystem, the RCH51 cabled rugged headset lets you significantly enhance the value of your Zebra mobile device with just a modest investment. Hands-free voice-directed applications increase the throughput of repetitive tasks such as picking and putaway. Real-time voice communications result in tighter collaboration, faster decisions, rapid responses and greater efficiency throughout your operations. A universal connector and user-replaceable parts means you can deploy and redeploy the same pool of headsets across personnel, no matter what type of Zebra mobile device they carry — a full-sized rugged computer, pocketable EDA or wearable computer. Our leading acoustic technology ensures every word is heard on every call regardless of background noise. And the rugged headset is built to endure the most demanding environments: the warehouse freezer, the heat of a loading dock on a hot summer day, snow, rain, sleet, even full immersion in a puddle. And since even the most rugged devices require a support plan, our Service from the Start Advance Exchange Support ensures next-business-day replacement of headsets that require repair for true peace of mind.

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Channel Identifier
Additional Line
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