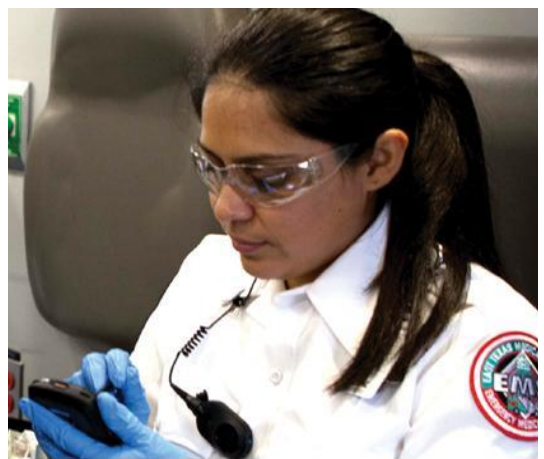




AN INTRODUCTION TO THE BENEFITS OF MOTOROLA BLUETOOTH WIRELESS ACCESSORIES



INTRODUCTION

Organizations are constantly looking for ways to improve efficiency and customer experience. Since being launched, MOTOTRBO™ Digital Radios are proving to be the platform of choice for many operations- and business-critical radio users looking for effective communications systems. To help these companies, Motorola Solutions continues to develop more flexible and feature-rich products. In particular, accessories can offer more efficient and convenient modes of operation.

For a mobile radio fixed on a desk in a command center or installed in a truck, or for a portable radio installed on a motorcycle, held by the security guard on foot patrol in a shopping centre or even carried by a first aider attending to a patient, Bluetooth Wireless accessories can extend range and performance beyond a tethered connection to the radio.

CONVENIENCE

Conventional wired audio accessories with long wires can be cumbersome and awkward - especially if wires require routing through shirts, jackets or other items of uniform before commencing the work shift. They can also catch or snag causing inconvenience or even damage to clothing. Wireless earpieces are quick and easy to fit and remove, eliminating the need to route wires around the body.

SAFETY

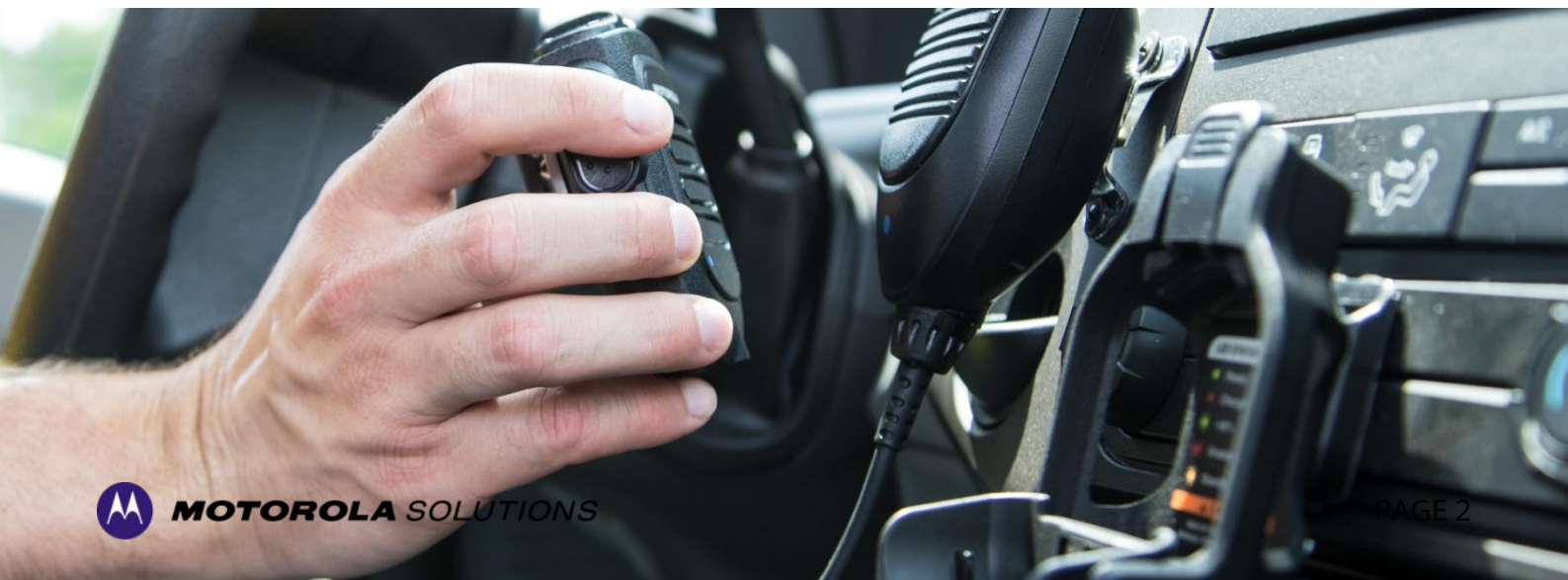
For security personnel, medical staff and events stewards, wired accessories represent grab points so eliminating them can help improve safety and add convenience.

SECURITY

The MOTOTRBO wireless accessories utilize Bluetooth Standard 2.1 which uses 128-bit encryption for added security and also has a more secure pairing process than Bluetooth 2.0. So users can be confident in the knowledge that the MOTOTRBO radio will only connect to their earpiece, preventing eavesdropping by unauthorized users.

RELIABILITY

In some instances, wires routed through clothing or tucked in against and strained by waistbands or belts can snag, which causes stress points that over time may eventually lead to failures within the wires. Eliminating wired accessories and replacing them with wireless earpieces can prove an invaluable benefit in performance, convenience and effectiveness.



WIDE RANGE OF SOLUTIONS

Motorola Solutions offers a selection of wireless earpieces and headsets to meet a wide range of user needs with two different connection kits available. Both have been designed expressly for professional radio users and offer robust construction and IP54 rating to allow them to perform in the most difficult of circumstances.

The Business Wireless Accessory Kit (BWAK) provides reliable operation for budget-conscious users whilst the Operations Critical Wireless (OCW) solution gives optimal performance with fast call set-up, large PTT button and volume controls that make them easy to use all day long.

BUSINESS WIRELESS KIT

Motorola Solutions' Wireless accessories are designed to operate specifically with our radios, providing a range over 30 feet. The Business Wireless Accessory Kit (BWAK) provides an affordable entry level alternative to wired accessories that will perform for up to 8 hours (5/5/90 usage). The kit has a comfortable on-ear swivel earpiece that will fit either left or right ear and an inline microphone. Moreover, the kit can be shared between co-workers by simply unplugging & swapping the interchangeable earpiece (available as spares in a bulk pack). An alternative kit includes an earpiece with flexible boom microphone.

OPERATIONS CRITICAL WIRELESS PTT MODULE

For enhanced performance, the Operations Critical Wireless (OCW) PTT device is designed to last up to 10 hours (5/5/90 usage). It's the hub upon which many solutions are based and includes the unique Motorola Fast PTT protocol to ensure calls are initiated quickly and consistently without loss of voice. The OCW PTT also provides volume controls.



Business Wireless
Accessory Kit with
Swivel Earpiece



Operations Critical Wireless
fast PTT module with Wireless
Earpiece

DISCREET OR COVERT

Maintaining a low profile while mingling with the crowd can be key to a successful operation. Using wireless accessories, your radio can be hidden in a hand bag, shoulder bag or backpack while calls are initiated using the PTT on the OCW earpiece. A second wireless PTT device can also be paired to the radio and held in the palm of your hand, in your pants' pocket or in your sleeve, allowing greater flexibility and freedom to initiate transmissions. The status LED on the OCW earpiece normally flashes regularly to indicate correct operation, but for discreet users, "Dark Mode" disables the LED if you do not want to draw attention to the device.



COMPLETELY DISCREET SOLUTION

For the ultimate in discretion, the OCW Completely Discreet Surveillance Kit is ideal for the most covert security operations, where moving freely without drawing attention is a must. The tiny receiver is hidden in the ear and the communications loop can be worn under a shirt or jacket, so you can listen to your radio in complete privacy but no one can see any equipment. The kit also includes a microphone that can be hidden under a lapel or in a sleeve to allow you to communicate.



ACOUSTIC TUBE SOLUTION

Maintaining a professional image is important to security management. Connecting the Acoustic Tube solution to the OCW PTT creates a combination designed with security professionals in mind. The acoustic tube can be clipped to the rear of the shirt collar, hidden under the jacket and the inline microphone can be positioned between the 2nd & 3rd button of the shirt, discreetly covered by your tie. This solution performs exceptionally well in busy corporate conference or security situations.



OVERT SOLUTION

The Overt Solution provides an alternative by allowing you to blend into a crowd pretending to listen to music on your mobile phone. The Overt Solution is available with either black or white dual earbuds and includes an inline microphone. The earbuds simply plug into the OCW PTT device and connect to your radio via Bluetooth.



HEAVY DUTY EAR DEFENSE

When working in high noise environments, users need to protect their hearing with ear defense, but still be able to communicate with others. The XBT Wireless Headsets connect to MOTOTRBO radios via Bluetooth and feature the patented SENS™ technology that combines advanced speech enhancement with extreme noise suppression. That means the headset provides hearing protection against loud noises, but still allows the user to hear both radio communications, and what's going on around them.



LONG RANGE WIRELESS (LRW) RSM

The new Long Range Wireless (LRW) RSM has been designed to extend the range of mobile radio users, enhancing worker performance, productivity and safety. It is paired via a Gateway **fst** microphone to a mobile radio in either a fixed control room installation or in a vehicle and allows the user to operate the radio at distances over 300 feet. The LRW RSM has a detachable 1800mAh battery so users can operate beyond the normal shift up to an incredible 28 hours (5/5/90) or 13 hrs heavy usage (5/35/60).

LRW RSM - MAINTAIN CONNECTIVITY OUTSIDE YOUR VEHICLE

Users can maintain connectivity outside their vehicle or away from their mobile radio with the Long Range Wireless RSM. Its increased range over 300 feet leads to enhanced operator performance, productivity and safety. Workers can go to the other side of the room, or move around outside their vehicle and won't need to return the radio to make and receive calls.



LRW RSM – MOTOROLA PROXIMITY PAIRING

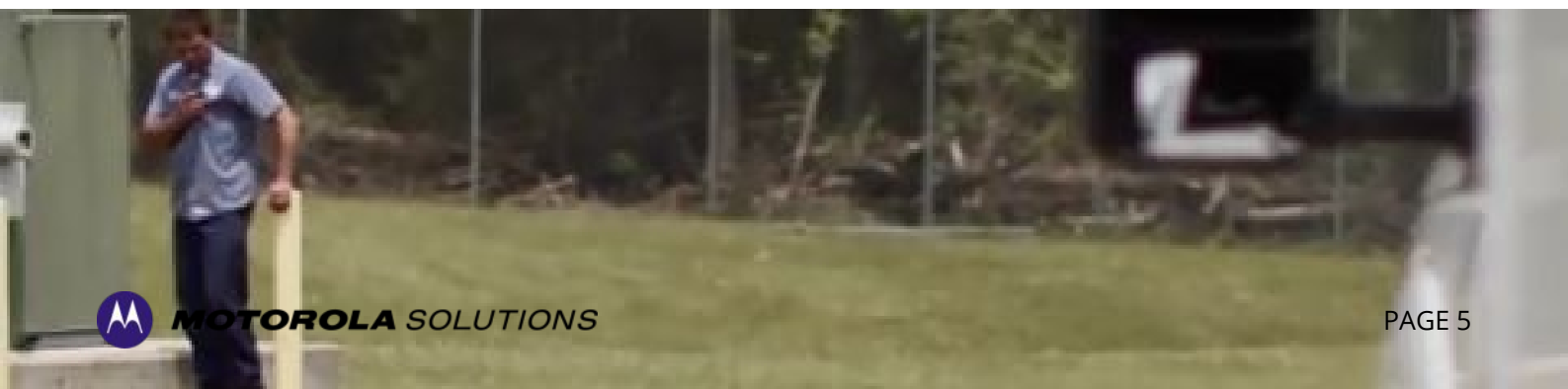
Pairing the LRW RSM to the mobile's microphone gateway could not be simpler, just touch the blue dots together on the RSM and Gateway, then in just a few seconds the connection is made. This is confirmed by voice prompts and blue LED indication. As you reach the edge of coverage, the audio link lets you know your signal is weak and if the link is broken it will automatically re-establish once back in range.



LRW RSM - SAFETY

For added safety & security, an orange programmable button has been added to the LRW RSM. This maps to the feature programmed for the mobile which can be set for commonly used functions including Emergency.

The LRW RSM also includes a white task light on its base that is activated by a side button and can be used to illuminate tasks, for example reading a meter, work ticket or working in lower light situations.



CHOICE

Different users want different solutions and Motorola offers a range of Bluetooth wireless accessories for MOTOTRBO including lightweight earbuds, more secure earpieces, covert surveillance kits and heavy-duty headsets.

OPERATIONS CRITICAL WIRELESS



Operations Critical Wireless (OCW) Fast PTT module



Wireless earpiece for use with OCW module, 30cm



1 wire earbud for use with OCW module – available in 29cm or 116cm length



Overt audio kit for use with OCW module – available in black or white



2 wire earbud for use with OCW module, 116cm – available in black or white



1 wire surveillance kit for use with OCW module



Discreet surveillance kit with OCW module



Behind-the-head heavy duty headset for use with OCW module



Commercial earbud headset 3.5mm adaptor for use with OCW module



Over-the-head heavy duty headset for use with OCW module

BUSINESS CRITICAL WIRELESS



Business Wireless Accessory Kit (BWAK) with swivel earpiece



Business Wireless Accessory Kit (BWAK) with boom microphone earpiece

USE YOUR RADIO IN NEW WAYS YOU NEVER THOUGHT POSSIBLE

A conveyor belt fails in a busy distribution center disrupting the 24 hour round-the-clock operation.

The Maintenance Engineer has to squeeze into the confined space under the machinery to make the repair.

He leaves his MOTOTRBO radio in his tool bag several metres away, keeping it safe and making it easier to crawl into the restricted space. But using Motorola's wireless earpiece, he can still use the radio to stay in contact with the rest of the team.

A member of the public falls over in the street and is knocked unconscious.

A paramedic arrives on-scene and rushes to assess the condition of the patient.

The paramedic's car is fitted with a MOTOTRBO mobile radio, paired with a wireless earpiece so she can communicate even when outside the vehicle. If she strays too far, she will hear a warning tone and received audio will revert to the radio speaker. Once back in range, the Bluetooth link will automatically re-establish itself.

An access shaft for a large sewer needs regular inspection to prevent failures.

The Lead Inspector has to climb through a hatch and down a ladder to carry out the checks.

The Inspector leaves their MOTOTRBO radio on the surface, maximizing its range and helping avoid catching on obstructions. But they are still able to stay connected up to 10 metres away using the wireless accessory.

A prestigious 5-star hotel is hosting a charity gala attended by politicians, business leaders and celebrities.

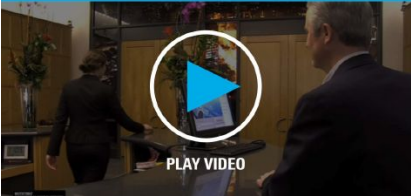
Security Officers tour the event and hotel surrounds to ensure the safety of everyone attending.

Wireless earpieces, paired with MOTOTRBO SL Series radios provide the ultimate in discreet communications, allowing the security team to stay in touch without attracting attention or disturbing guests.

WATCH THE VIDEOS: WORK IN NEW WAYS NEVER THOUGHT POSSIBLE

**TWO-WAY RADIO ACCESSORIES
BLUETOOTH®**

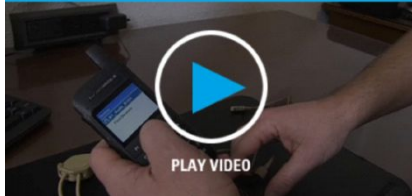
Bluetooth audio unleashes you and your MOTOTRBO™ radio from Motorola Solutions, allowing you to work in ways you never thought possible.



PLAY VIDEO

**COMPLETELY DISCREET
WIRELESS BLUETOOTH KIT**

Blend in and avoid suspicion in the most covert security operations. Listen to radio communications in complete privacy with a tiny receiver that is hidden in your ear, a microphone under your lapel and a communications loop under your shirt or jacket.



PLAY VIDEO

**XBT HEAVY DUTY
WIRELESS HEADSET**

The XBT Heavy Duty Wireless Headset protects your hearing while maintaining your situational awareness. This headset Shields you from harmful, high-decibel noise (up to 25 dB NRR) while still letting you hear the surrounding sounds – people, alarms, alerts and more.



PLAY VIDEO

For more information on Motorola Solutions' accessories, visit http://www.motorolasolutions.com/en_us/products/two-way-radio-accessories.html or find your closest Motorola authorized reseller at http://www.motorolasolutions.com/en_us/partners/search.html.

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