Secure Wireless Microphone

ELITE series

Handsfree Talkaround (option)
Dual/Triple Mic Capability
Advanced Emergency
AES Encryption
In Car Monitor
Find Me™
A COSTLY HISTORY...

Since the creation of the first mobile two way radio, system designers and radio manufacturers have grappled with solutions to enhance user mobility when away from the vehicle. These solutions typically involved additional portable hand-held radios and significant additions of base station infrastructure, radio sites and complex remote receiver voting systems to back fill marginal coverage areas. Alternatively, some manufacturers developed cumbersome vehicle based mobile repeater systems where simplex portable transmissions are repeated through a mobile repeater back into the base station network. These systems required careful engineering, additional frequencies and critically complex contention management protocols to eliminate clashing from multiple vehicle repeaters at scene. Vehicle repeaters usually added system delays and required user intervention for managing which channels, mode or status to use in order to make them work. Both solutions came at a cost... a big cost!

Now get totally liberated!

- HANDSFREE TALKAROUND OPTIONAL
- MULTI MICROPHONE OPERATION
- TALK IN OR OUT OF THE VEHICLE
- AES 128 BIT ENCRYPTED VOICE
- DRAMATIC NOISE REDUCTION
- EXCEPTIONAL CLEAR AUDIO
- SIMPLE INTUITIVE DESIGN
- MINIMAL USER TRAINING
- LIGHTWEIGHT & RUGGED
- SEAMLESS INTEGRATION
- PATENTED INNOVATION
- IP67 WATERPROOF MIC
- ALL DAY OPERATION
- IN CAR MONITOR
- PUBLIC ADDRESS
- ULTRA-RELIABLE
- COST EFFECTIVE
- HEADSET PORT

Accessory ports
Hirose 6 pin connector
3.5mm mono jack

8 Watt audio speaker jack
USB programming port
PA/In-Car Volume controls

X10DR Elite Gateway
WPEB Earpiece (3.5mm)
included with handsfree model

Optional Elite IP65 speaker
XSJB Special Function Box
(required for some features)
Teams Remain Productive In Remote Work Environments

The vehicle mounted mobile radio is often the first responders’ chief communication link to central command and other radio units. However, when an officer needs to go back and wait at the vehicle, to provide or receive an update, operations slow or at worst, come to a stand still, losing critical response time and placing lives at risk. X10DR is revolutionary technology, which allows field operatives to stay in constant communication with each other locally on-site or back to base, via their vehicle mounted mobile radio, up to hundreds of meters from the vehicle.

Open Channel Group Communications

Perhaps of most significance, X10DR enables your entire work team to fully maintain that invaluable team spirit - work ethos that comes solely from entrusting an organization’s wireless communications to an “open channel” two way radio system. X10DR out of vehicle capability ensure all team members continue to hear all conversations instantly, so all your team know what is going on, no matter whether they are heading down a highway or out of the vehicle doing what they are employed to do.

Multi Handset Operation with Handsfree Duplex option

Elite devices exclusively allow two or three X10DR Elite users to share* a single vehicle gateway unit, reducing equipment costs and simplifying installation with only a single gateway antenna required. The feature provides both users with local off network conversations while also monitoring their vehicle’s radio channel and to communicate over the network as necessary. Additionally, X10DR Elite can now also be factory ordered with user selectable, full duplex, handsfree talkaround capability where multi users can effortlessly communicate locally amongst themselves in full duplex - totally handsfree - while still being able to listen to all traffic on their vehicle’s mobile radio and can respond as usual with a press of the PTT button.

- Two Police officers responding to a crime scene will in real time be able to communicate every nuance of their surroundings to their partner, totally handsfree, whether scaling a fence, apprehending a suspect or engaging in return fire. Now that’s backup.

- Three paramedics fighting to save lives at a horror auto accident can now use both hands to apply pressure or do whatever needs to be done, while communicating constantly with their partners.

- A fire appliance’s crew of five arriving on-scene can immediately start securing the area, rolling out and connecting hoses, starting pumps, manning the hoses and fighting the fire, while constantly communicating to their fellow crew, all totally handsfree - even in the noisiest of environments including manning the pump!

- Electrical Utility workers up in a “bucket”will be free to use both hands enhancing safety while communicating critical information with their groundman or an adjacent lineman, even in the stormiest of tempest.

Team Talk On or Off The Network

X10DR secure wireless microphones can be teamed up to provide six or more user operation from a single mobile radio. A junction box interface passes both transmit and receive audio to each X10DR ensuring each user hears both active parts of the communications sent over the host two way radio channel. Pressing the secure microphone’s Talkaround button allows off-network local voice communications while always ensuring reception of all mobile radio traffic by every user.
Emergency Duress Alarm
The X10DR secure wireless microphone naturally provide a duress button that can be used to activate the emergency mode within the host mobile radio. Field personnel can now call for assistance even while hundreds of meters from their vehicle. X10DR Elite models also allow localized alerting with capabilities to automatically broadcast “Live Mic” to allow remote monitoring of an emergency situation.

Earpiece/ Headset/ Covert Accessory Operation
Elite models include a programmable Hirose® audio port on the base of each secure microphone that allows use of a wide variety of specialist and everyday headsets and audio accessories. Programming allows the device’s battery to be shared with externally connected audio accessories requiring DC power. Additionally, a mono 3.5mm headphone jack provides a simple, easy and effective way to maintain quiet secured private communications. (See X10DR Accessory brochure for more details)

Find Me™ Locator
In the event of a lost secure microphone or to find a user who may have been rendered unconscious, the new Find Me™ feature can be triggered by momentarily double pressing the front panel button on the gateway charging cradle in order to sound an alarm tone from the paired secure microphone to aid in quickly locating the user or device.

Extra Long Battery Life
The X10DR’s 1450mAh internal battery means you will typically achieve well in excess of 24 hours operation between recharges. Docking the microphone into its cradle allows 100% recharge from completely flat in less than 4 hours or for a quick top up during a rest break. For situations where charging in the vehicle is not desired, a single and six way desktop charger are also available.

What’s included in the package

<table>
<thead>
<tr>
<th>X10DR-EX2</th>
<th>XEX2 Extra Mic Accessory</th>
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<tbody>
<tr>
<td>package includes:</td>
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<tr>
<td>XMPA “Sharkfin” multipolarity roof/rack mount antenna kit</td>
<td>XDIA Dual Interf. Adaptor</td>
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<tr>
<td>XIC-1.5 1.5m Interface Cable</td>
<td>X10DRMC mobile charger</td>
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<tr>
<td>Use with radio adaptor (order separately)</td>
<td>X10DRSM-EX2 Elite Secure Mic</td>
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<tr>
<td>1 x XCA-** Radio adaptor (Required but NOT included)</td>
<td>XIC-0.5 0.5m Interface Cables (2)</td>
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<td>** refer pricelist for currently available radio adaptors</td>
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WE NEVER LOSE SIGHT THAT THE RIGHT RADIO COMMUNICATIONS SOLUTION IS ABSOLUTELY VITAL IN SECURING YOUR ORGANIZATIONAL OBJECTIVES. WE CONSTANTLY FOCUS ON HOW TO DELIVER A BETTER WIRELESS SOLUTION. WIRELESS SPECIFIC SOLUTIONS THAT DELIVER TRUE EFFECTIVE OPERATIONAL RESPONSIVENESS WITH UNCOMPROMISING SAFETY.

more information at:
www.x10dr.com

Works with: