

Liberate Your Mobile Radio™

 **WIRELESS PACIFIC™**
...WHEN IT MATTERS

X10DR®
LIBERATE YOUR MOBILE RADIO

Secure Wireless Microphone



Range Extender - Relay Mode
IP67 Waterproof Microphone
Handsfree Talkaround
Multi Mic Capability
Advanced Emergency
Extra Loud Audio
AES Encryption
In Car Monitor
Find Me™

**ELITE
PLUS
Series**

AES SECURE WIRELESS COMMUNICATION

via your vehicle's mobile radio

X10DR
LIBERATE YOUR MOBILE RADIO



talk over HALF A MILE to your partner!

Open Channel Group Communications

Open channel group communications nurtures valuable team spirit - a work ethos that comes from entrusting one's organization's wireless communications to an "open channel" two way radio system. Law enforcement uses two way because it's the only sure way to deliver instant shared group situation awareness for all members assigned to a specific operational channel.. that's unless the officer leaves the vehicle. The X10DR Out Of Vehicle Solution enables your entire team of officers to constantly stay informed whether in or out of their vehicle. X10DR core capability ensure all members continue to hear all conversations instantly, so all your officers know what is going on, no matter whether they are heading down a highway or out of the vehicle upholding the law while they go about protecting the public.

Staying Secure 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 officers to stay in constant communication with each other locally on-site or back to base, via their vehicle mounted mobile radio, for up to five hundreds yards (over a quarter of a mile) from the vehicle.

Talk On or Off The Network - Now with local Handsfree option

Elite devices exclusively allow two, or even three, X10DR Elite handset users to communicate via a single vehicle gateway unit. This provides officers with an AES secure, local on-site, exclusive voice channel, while simultaneously monitoring their vehicle's radio operational channel and to instantly communicate over the network whenever desired. Pressing the secure microphone's top mounted Talkaround button allows officers to communicate freely, off-network amongst themselves. Additionally, X10DR Elite can be factory ordered with user selectable, **full duplex, handsfree talkaround** capability. This allows users to effortlessly communicate locally on-site amongst themselves in full duplex mode - totally handsfree - while never missing a spoken syllable received over their vehicle's mobile radio and naturally with the ability to respond, as usual, with a press of the PTT button.

Just imagine :Two law enforcement officers responding to an incident can, in real time, communicate every nuance of their immediate surroundings to their partner up to a 1000 yards away, totally handsfree, whether scaling a fence, apprehending a suspect or engaging in return fire. Now that's backup.

Command/Automatic Relay Mode

The X10DR Elite Plus now feature the unique ability for a handset user to activate Relay mode whereby a partner's handset that has lost direct connection with the vehicle gateway will then have their communications seamlessly relayed via their partner's Relay activated handset. Designed for in-to-building range enhancement, it would be typically deployed when entering buildings whose physical construction prevents an X10DR handset communicating back to their vehicle. The Relay handset user would remain in a location that remains connected to the vehicle while their partners enters deeper into the building to perform their duties. Naturally a third "Relay activated" handset can be left at that location allowing both officers to move around the building. As an added bonus should the Relay activated handset lose connection with the vehicle, it can continue to communicate with handsets linked to it. (See the X10DR Plus series user manual for a full description of capabilities.)



Relay Mode
via your partner's handset



On the road to X10DR...

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. Traditional vehicular 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 these solutions came at a cost... a big cost! In 2012, Wireless Pacific invented the first X10DR. Now in its third iteration, the X10DR Plus series clearly defines truly seamless cost effective Out Of Vehicle communications.

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 yards from their vehicle. X10DR Elite models also allow localized alerting so your nearby partner instantly knows your predicament. Naturally, X10DR can be programmed to automatically broadcast "Live Mic" to allow remote monitoring of an emergency situation.

Mandown Biometric Monitor option

The X10DR Elite Plus handset can be fitted with the XMD mandown monitor that constantly monitors the activity of the user whenever they leave their vehicle. Should the user become immobilized for any reason the integrated device will first alert the user with a countdown alert sequence before alerting his work partners and triggering the radios emergency alarm. When desired, the XMD can be further enhanced by use of the XSJB Loneworker Protocol box should the immobilisation occur when the user is out of range of the vehicle. For convenience the movement detector can be temporarily paused by the user when necessary.

Wireless PTT Button

X10DR Elite Plus secure wireless microphones can be mated with our XWPB wireless PTT button to allow "handsfree like" transmissions over your radio channel. The small finger device attaches by a small adjustable Velcro strap and are especially ideal for use with headsets and other audio accessories and for those situations when your hands are otherwise full.

Earpiece/ Headset/ Covert Accessory Operation

Elite models feature a smart Hirose® audio port on the base of each secure microphone that allows use of a wide variety of specialist covert and everyday headsets and audio accessories. When required, programming allows the handset's battery to be shared with externally connected audio accessories requiring (3.3V) DC power. Additionally, a 3.5mm earpiece 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. Where charging in the vehicle is not desired, a single and six way desktop charger are also available.

External Battery Connectivity

For those first responders where a handset may needs to be in constant use without being returned to the vehicle's charging gateway, a secondary external battery to be plugged into the handset's bottom headset socket via a curly cord adaptor. Once connected, the LED status light will blink every 10 seconds to indicate charging is taking place. The handset can be used as normal with* or without the external battery attached. External batteries may be left connected, removed when charged or swapped over with a fresh battery as needed. . *Headset operation not available when external battery is connected.

Extra Loud Receive Audio

While some X10DR users may prefer to wear headsets or discrete earpieces to maintain privacy, many users will chose to operate their handsets like a traditional portable radio. The X10DR Plus series provide double the receive audio volume of previous models to ensure that no matter the background noise level, messages will always get through loud and clear.

Now get totally liberated!

- HANDSFREE TALKAROUND OPTION
- RANGE EXTENDER - RELAY MODE
- MULTI MICROPHONE OPERATION
- TALK IN OR OUT OF THE VEHICLE
- AES 128 BIT ENCRYPTED VOICE
- DRAMATIC NOISE REDUCTION
- VERY LOUD & 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



XCFC
Custom Front
Cover option



XLMC
Standard long rotary
shoulder mount clip



XNMC
Non-metal rotary
shoulder mount clip
- Suit Electrical utilities



XVMC
Velcro® shoulder
mount option
includes Velcro patch
- for best shoulder placement



Accessory Ports
Hirose 6 pin connector
3.5mm mono jack



X10DR Elite Plus
Gateway



WPULH-X10
Headset
Ultra lightweight
earhook style



XIPB
In-line PTT
suits all
X10DR audio
accessories



WPHFH-X10
Headset
Industrial
lightweight



X8WA Option
10 Watt speaker jack
USB programming port
PA/In-Car volume control
10W RMS IP65 Speaker

base view



XSJB
Dual Radio
/Loneworker
Interface Box



XPB-C14
In-line
power bank
Interface Box



X10DR XWPB
Wireless PTT Button



WPITRQ-X10



WPTEP-TL



WPEH-TL



WPBEH-TL



WPEB-TL



WPLEH-TL

Advanced Ear Mic with 2.5mm twist and lock earpiece

What's included in the package

X10DR-EX2 Plus
package includes:



XMPA "Sharkfin" multipolarity
roof/rack mount antenna kit



XIC-1.5 1.5m
Interface Cable
Use with radio adaptor
(order separately)

XEX2 Plus
Extra Mic Accessory
package includes:



X10DRMC
Mobile charger



XDIA
Dual Interface
Adaptor



XIC-0.5
0.5m Interface
Cables (2)

X10DRSM-EX2

Elite Plus Secure Mic

Also Purchase



1 x XCA-** Radio adaptor
(Required but NOT included)
** refer price list for currently available radio adaptors

typical style

Optional



XEC-4.5 4.5 meter Extension interface cable.
Order when the radio is trunk mounted. Connects to supplied XIC-1.5
interface cable.(optional)

Works with:



more information at:

www.x10dr.com



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