Liberate Your Mobile Radio™

X10DR®
LIBERATE YOUR MOBILE RADIO
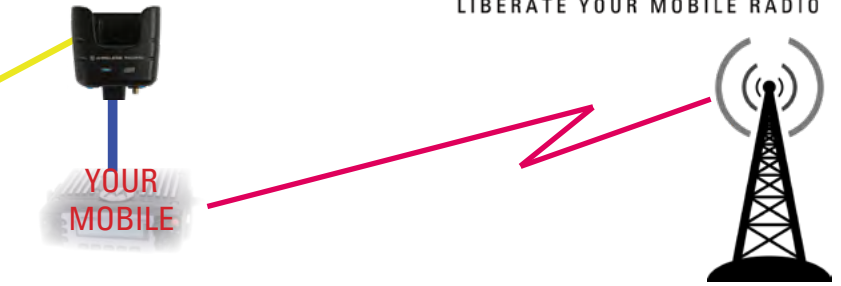
Secure Wireless Microphone

X10DR® Pro⁺

Pro
PLUS
Series

**IP67 Waterproof Microphone
500 Plus Yards Coverage
Mandown Alarm Option
Advanced Emergency
AES Encryption
Find Me™**

AES SECURE WIRELESS COMMUNICATION
via your vehicle's mobile radio

YOUR
MOBILE

- **Ensures unfettered group communications is maintained**
- **Ensures your can always contact your employees**
- **Provides an immediate call for help when needed**
- **Lone worker OSHA Duty of Care compliance**
- **Maintains team morale & improves productivity**

talk over 500 yards to your vehicle

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. All kinds of organizations use 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 driver leaves the vehicle. The X10DR Out Of Vehicle Solution enables your entire team to constantly stay informed whether in or out of their vehicle. X10DR core capability ensure all team members continue to hear all conversations instantly, so they all know what is going on, no matter whether they are heading down a highway, up a pole trying to restore a power outage or cleaning up after a torrential storm.

Staying Secure In Remote Work Environments

The vehicle mounted mobile radio is often the first responders' chief communication link to central despatch and other radio units. However, when a linesman 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 possibly placing lives at risk. X10DR is revolutionary technology, which allows electrical utility workers 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 from the vehicle.
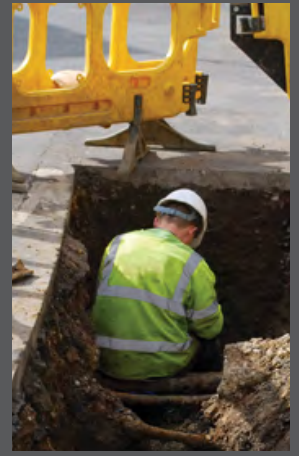
Emergency Duress Alarm

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 Pro Plus models can also be configured with Loneworker protocol. Loneworker ensures the control room knows immediately a loneworker has not been active for a predetermined time. Naturally, X10DR can be programmed to automatically broadcast "Live Mic" to allow remote monitoring of an emergency situation.

Mandown Biometric Monitor option

The X10DR Pro Plus handset can be fitted with the XMD mandown monitor that constantly monitors the activity of the suer 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 triggering the radios emergency alarm. When desired, the XMD can be further enhanced by use if 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.

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, X10DR Plus clearly defines truly seamless cost effective Out Of Vehicle communications.

Wireless PTT Button

X10DR Pro 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.

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 Pro 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.

Earpiece/ Headset/ Audio Accessory Operation

Pro Plus models feature a smart 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. 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. The Find Me command causes the handsets to squeal at their maximum volume so its user can be quickly located in the dark of night or dense foliage.

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 magnetic 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.

Now get totally liberated!

- 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
- COST EFFECTIVE
- EARPIECE JACK
- HEADSET PORT

XCFC
Custom Front
Cover option

XLMC
Standard rotary
shoulder mount

XVMC
Velcro® shoulder
mount option
with sew-on Velcro patch
Suit Electrical utilities

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

X10DR Pro Plus
Gateway

WPULH-X10 Headset
Ultra-lightweight
earhook style

XIPB
In-line PTT
suits all
X10DR audio
accessories

WPHFH-X10
Headset
Industrial
lightweight

Accessory Ports
Hirose 6 pin connector
3.5mm mono jack

X10DR Pro Plus
Handset

X10DR XWPB
Wireless PTT Button

XSJB
Dual Radio
/Loneworker
Interface Box

XPB-C14
In-line
power bank
Interface Box

What's included in the package

X10DR-PU2

XMPA "Sharkfin" multipolarity
roof/rack mount antenna kit

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

OPTIONS

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

typical style

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:

P25   DMR   MOTOTRBO
TETRA   dPMR DIGITAL   NXDN™   ANALOG

more information at:
www.x10dr.com

WIRELESS PACIFIC
...WHEN IT MATTERS