

*Liberate Your Mobile Radio™*

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

**X10DR®**

LIBERATE YOUR MOBILE RADIO

**Secure Wireless Microphone**



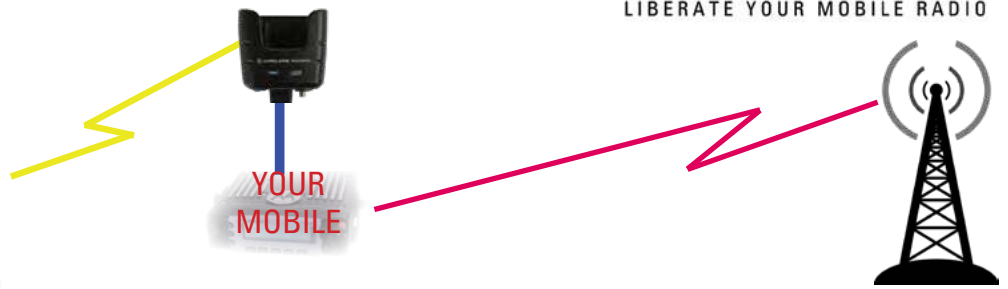
**IP67 Waterproof Microphone**  
**500 Plus Yards Coverage**  
**Mandown Alarm Option**  
**Advanced Emergency**  
**AES Encryption**  
**Find Me™**

**Pro**  
**Plus**  
**Series**

# AES SECURE WIRELESS COMMUNICATION

*via your vehicle's mobile radio*

**X10DR**<sup>®</sup>  
LIBERATE YOUR MOBILE RADIO



- Ensures unfettered group communications is maintained
- Ensures you can always contact your employees
- Provides an immediate call for help when needed
- Lone worker OSHA Duty of Care best practice
- 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 worker 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 all remote workers to stay in constant communication with each other 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.

## Mandown Biometric Monitor option

When fitted and activated, the Mandown function turns on automatically whenever you remove the handset from its charger. If there is no user movement or transmit activity for 2 minutes, quickening alert tones will sound for 30 seconds. If there is still no user activity, the radio's emergency input will be triggered. To temporarily disable Mandown operation, either power up the handset or remove it from its charger while pressing the top grey Control button until a 4 beep "pause" confirmation sounds. A gentle reminder tick will sound every 2 minutes until re-enabled. To re-enable Mandown, either power off/on the handset or place the handset into a charger and then remove. Mandown is disabled when the handset is placed into any charger/gateway.

# 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 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. Alternatively an earpiece 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
- MANDOWN MONITOR (option)
- 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
- HEADSET PORT



**XFCF**  
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*



**XWMC**  
Velcro® wireless  
charging mount  
option  
*includes Velcro patch  
- for best shoulder  
placement*



**X10DR XWPB**  
Wireless PTT Button



**XVCA**  
Velcro Clip  
Adaptor



**WPULH-X10 Headset**  
Ultra-lightweight  
earhook style



**XIPB**  
In-line PTT  
suits all  
X10DR audio  
accessories



**WPHFH-X10  
Headset**  
Industrial  
lightweight



**X1WK**  
Mobile wireless  
charger



**XMDM2**  
Mobile charger  
mounting arm



**XCA-\*\*\*\***  
Radio Adaptor  
Refer price book  
(typical style)



**X10DR Pro Plus**  
Handset



**X10DR Pro Plus**  
Gateway



**XSJB**  
Dual Radio  
Interface Box



**XPB-C14**  
In-line  
power bank  
Interface Box

## What's included in the package

### X10DR-PU2 Pro Plus



**XMPA multipolarity** roof/rack  
mount antenna kit



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

Works with:



more information at:

[www.x10dr.com](http://www.x10dr.com)



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