

Liberate Your Mobile Radio™



**X10DR®**  
LIBERATE YOUR MOBILE RADIO

**Secure Wireless Microphone**



**Lite**  
series

**Maintains Group Communications**

**Talk in & out of your vehicle**

**Up to 300 metres - 1000 feet**



# Time for Everyone to Get Liberated!



Since the creation of the first mobile two way radio, there has been one constant and ageless problem; when you get out of your vehicle you stop communicating!

Radio manufacturers over the years have grappled with solutions that never quite found the right balance between cost and coverage. Solutions were either portable hand-held radios with a massive increase in the cost of base station infrastructure and annual operating costs or alternatively, cumbersome expensive vehicle based mobile repeater systems that for many never quite worked .

For over eight years, Wireless Pacific's patented X10DR Secure Wireless Microphone has enhanced the working lives of Police officers, Fire fighters, Paramedics and Utility workers globally by allowing users to communicate simply and effectively for up to 500m (1600') from their vehicles with a small, cost effective wireless remote speaker microphone... that simply works!

Having passed the Public Safety audition, we are now pleased to bring that same, simple out of vehicle communications capability but without any of the systems complexities and associated cost demanded by first responders. Introducing **X10DR Lite** - the liberating, long distance wireless microphone for **every** other mobile user.

## this simple... Just Talk & Listen

- **USE IN & OUT OF THE VEHICLE**
- **SHOULDER MOUNT DESIGN**
- **SIMPLE 3 BUTTON DESIGN**
- **MINIMAL USER TRAINING**
- **IP55 WEATHERPROOF MIC**
- **SEAMLESS INTEGRATION**
- **LIGHTWEIGHT & RUGGED**
- **PATENTED INNOVATION**
- **ALWAYS CONNECTED**
- **PROVEN RELIABILITY**
- **ALL DAY OPERATION**
- **LOUD CLEAR AUDIO**



X10DR Lite Gateway



360° rotary clip  
shoulder mount



## How it works

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

### **SECURE WIRELESS COMMUNICATION** *via your vehicle's mobile radio*



Press the X10DR Lite PTT button and your voice is transmitted over your vehicle's selected radio channel / talkgroup. Let go to listen to all conversations on your radio channel... up to 300 metres (1000')\* from your vehicle ...simple as that.

**up to 300 metres from your vehicle ...**

### Teams Remain Connected And Productive In Remote Work Environments

The vehicle mounted mobile radio is often the chief or sometimes the only communication link back to management and to other remote co-worker 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, diminishing response time and sometimes placing lives or reputations at risk. X10DR is a revolutionary lightweight technology, which allows field operatives to maintain group communication with each other on-site or back to base, via their vehicle mounted mobile radio.

### Open Channel Group Communications

Perhaps of most significance, X10DR Lite 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 Lite's 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.

### 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 or a six way desktop charger is also available.

### Simple Operation

The X10DR Lite models operate functionally like their Public Safety focused X10DR Elite and Pro cousins but without any advanced systems capability. They allow you to stay connected and communicate over your radio system for up to 300 metres\*, nothing more nothing less. While functionally similar, an X10DR Lite microphone cannot be paired with a X10DR Elite or Pro gateway unit. or vice versa.

# X10DR-XU1 Lite Operation & Installation



The X10DR Lite combined gateway charger connects to your mobile radio via the supplied cable adaptors. A fused single red colored wire connects to the vehicle's 12V battery supply. A 4.5m extension cable is available as an accessory. For maximum range, we suggest you install the supplied complete XMCAK antenna kit on a vehicle roof rack or other available location that is overlooking



your intended coverage area using the supplied low loss coax cable and mounting bracket. Alternatively, you can just screw the XMCA antenna directly onto the base of the gateway external antenna connector for installations requiring only nominal coverage around the vehicle.

When maximum range consider upgrading to an XMPA multi polarity antenna for improved non line of sight performance.

## What's in the package - everything you need



**1 x X10DR-LU1 / X10DR Lite Secure Wireless Microphone**



**1 x XMC-RJ45 cable assembly**  
1.5m XIC cable (included)  
Attach to gateway DB15  
Other end plugs into XCA adaptors.



Note: CANNOT be used with 1st generation XMC series cables.



**1 x XCA-\*\* radio adaptor (included)**  
\*\* select from below list of available radio adaptors



**1 x XMCAK rack mount antenna kit (included)**  
Includes 5.2m LMR200 type low loss coax terminated in RP-SMA connectors, right angle mounting bracket with screws.

**Alternative multipolarity antenna**  
- Improves non-line of sight coverage



**ADD \$39**

**1 x XMPA Multipolarity roof NMO/rack mount antenna kit (included)**  
Includes 5.2m LMR200 type low loss coax terminated in RP-SMA connectors, right angle mounting bracket with screws.

## \*Select XCA Series Radio Adaptors (Suit X10DR Lite models only)

XCA-APX	Suits Motorola APX & XTL Models (Add \$58)	Type 1
XCA-M26	Suits Motorola 26 pin Mototrbo (Add \$28)	Type 1
XCA-M26T	Suits Motorola 26 pin MTM5400 (Add \$28)	Type 1
XCA-M16	Suits Motorola 16 pin (Add \$28)	Type 1
XCA-K25A	Suits Kenwood DB25: NX700/TK5710/TK7180	Type 1
XCA-K25M	Suits Kenwood DB25 TK690	Type 2
XCA-K15M	Suits Kenwood DB15HD for NX720	Type 2
XCA-RJK	Generic Kenwood (uses Radio Mic socket)	Type 3
XCA-I25B	Suits Icom DB25	Type 2
XCA-I25M	Suits Icom DB25 F5400/6400	Type 2
XCA-I15M	Suits Icom DB15HD	Type 2
XCA-V25M	Suits Vertex DB25	Type 2
XCA-T15M	Suits Tait DB15	Type 2
XCA-H26M	Suits Hytera MD68/78X	Type 2
XCA-JM	Suits EFJohnson VM900 DB25	Type 2
XCA-R25M	Suits RELM DB25	Type 2
XCA-R15M	Suits RELM G/DMH	Type 2
XCA-U25M	Generic RJ45F-DB25M (partially terminated)	Type 2
XCA-U15M	Generic RJ45F-DB15M (partially terminated)	Type 2



**XCA Series Type 1**  
(Motorola types are modifiable)



**XCA Series Type 2**  
(Modifiable)



**XCA Series Type 3**

Works with:



NXDN™



ANALOG



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