

*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 meters**



# TIME 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 five years now, 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 features 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



X10DR Lite Gateway

- *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*



360° rotary clip  
shoulder mount



## How it works

**X10DR®**  
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 meters (1000')\* from your vehicle ...simple as that.

**up to 300 meters 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 meters\*, nothing more nothin less. While functionally similar, an X10DR Lite microphone cannot be paired with a X10DR Elite or Pro gateway unit. or vice versa. X10DR Lite Secure Microphones can however be also be charged in the new generation X10DR XDTC single and X6WC Six way chargers.



*X10DR Lite Secure Wireless Microphones normally re-charge in gateway units. The single and 6 way desktop chargers provide further re-charging flexibility, if desired.*

*\* typical line of sight coverage range but dependant on geographic and RF environmental conditions*

## 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.

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.

## X10DR-XU1 Lite Installation Requirements



1 x X10DR-LU1 / Lite Wireless Microphone



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



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



**OPTIONAL: XEC-4.5** (Order if necessary)  
**4.5 meter Extension interface cable.**  
Order when the radio is trunk mounted. Connects to supplied XIC-1.5 interface cable

## XCA Series Radio Adaptors

XCA-M26	Suits Motorola 26 pin Mototrbo	Type 1
XCA-M26T	Suits Motorola 26 pin MTM5400	Type 1
XCA-M16	Suits Motorola 16 pin	Type 1
XCA-K25	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-I25A	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:

**MOTOTRBO™**



NXDN™



ANALOG



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

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