



# X10DR®

LIBERATE YOUR MOBILE RADIO

## Secure Wireless Microphone

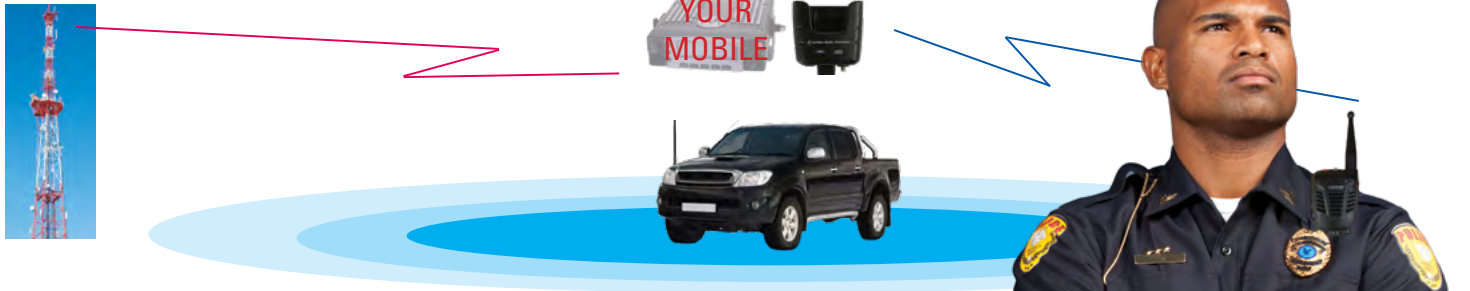
The incredibly compact, lightweight and patented X10DR® secure wireless microphone extends the power of the mobile radio into the palm of your hand, both in and out of the vehicle.

Based on the highly robust IEEE 802.15.1 standard, the 2nd generation X10DR continues to revolutionize mobile network design by increasing user functionality and mobility whilst reducing infrastructure investment. This visionary solution provides users out of vehicle communications with the power and performance of the mobile radio.

The X10DR cuts the cord and for the first time puts the microphone and radio system access into the users hand when away from the vehicle, delivering true mobility without system compromise.

The X10DR unleashes the power of your mobile radio allowing wireless communication with a fixed mounted or vehicle mobile radio up to 500 meters and more\*. Now users can communicate with enhanced clear audio, with the power and range of a mobile radio whilst not being tied to the vehicle, allowing the user to be truly mobile in every operational environment.

**... up to 500 meters.**



The gateway - mobile charger connects to your mobile radio in your vehicle (or office control station). It passes all voice traffic to and from the secure wireless microphone.



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

# Specifications

*Subject to change or improvement without notice*

The equipment has been designed to meet the following global specifications:

Frequency:	2.40-2.48GHz Frequency Hopping Spread Spectrum
Protocol:	802.15.1 based derivative
RF Power:	Handset <100mW / Gateway <100mW
RF Sensitivity:	>90dBm
Battery Type:	3.7V @1450mA Lithium Polymer
Battery Life:	>15 Hours @ 30% receive time
Encryption:	Elite: Full AES128 / Pro: Basic AES
RF Connectors:	RP SMA Female
Rated Audio/Dist:	>300mW @5% THD
Hirose Audio port:	Standard
3.5mm Audio port:	Standard
Operating Voltage:	7-16VDC
Operating Temp:	-20°C to +55°C / -4°F to +122°F
Dimensions:	88 x 28 x 63mm (handset) 80 x 80 x 60 (gateway)
Weight:	150 grams (handset) 125 grams (gateway)
Shock & Vibration:	Mil Std 810 C/D/E/F
Humidity/Rain/Dust:	IEC529, IP55 Pro handset / IP67 Elite handset
Type Acceptance:	CE, FCC, IC, Aust/NZ, Other as advised.

FCC ID: 2AGEY-XH2 / 2AGEY-XG2  
IC:11443A-XH2/ IC:11443A-XG2

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Works with:

**ANALOG**



**NXDN™**

**MOTOTRBO™**



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