



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 to 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.



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.

... up to 500 meters.

SECURE WIRELESS COMMUNICATION
via your vehicle's mobile radio

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

Models:	X10DR-PU2 Pro/ X10DR-EX2 Elite/ X10dr-XU2 Classic
Dimensions:	88 x 28 x 63mm (spk mic) 80 x 80 x 60 (chgr)
Weight:	149 grams (spk mic) 120 grams (chgr)
Frequency:	2.40-2.48GHz FH Spread Spectrum
Modulation protocol:	IEEE 802.15.1 based
RF Baseband engine:	BlueCore™35 chip family.
RF Power:	<100mW
Rx sensitivity:	> -90dB
Battery Type:	3.7V @1450mA Lithium Ion
Battery Life:	>12 Hours @ 30% receive time/typically >24 hours
Encryption:	AES 128 Bit Elite model
RF Connectors:	RP SMA Female
Rated Audio/Distortion:	>250mW @5% THD
Operating Voltage:	3.7VDC
Operating Temperature:	-20°C to +50°C / -4°F to +122°F
Shock & Vibration:	Mil Std 810 C/D/E/F
Humidity/Rain/Dust:	IEC529, IP55 (Pro & Classic Secure Mic only) IP67 Elite Secure Mic
Hirose Audio port:	Included on all model
Type Acceptance:	CE, FCC, IC, Aust/NZ/Other FCC ID: 2AGEY-XH2 / 2AGEY-XG2 IC:11443A-XH2/ IC:11443A-XG2

CE ⓘ 0682

✓ R-NZ

Works with:

ANALOG



NXDN™

MOTOTRBO™



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