

Liberate Your Mobile Radio™



X10DR[®]
LIBERATE YOUR MOBILE RADIO

Secure Wireless Microphone



Contact us at: sales@airradio.com

Model Comparison

**wireless
source**

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MODELS



**ELITE IP67
MODEL**



PRO MODEL



**CLASSIC
MODEL**



Comparison Matrix

Feature	Model:	Elite	Pro	Classic
Range - typical line of sight		500 meters	500 meters	350 meters
Encryption basic		No	Yes	Yes
Encryption full 128-bit AES		Yes	No	No
Find Me™		Yes	Yes	No
Talkaround / 2nd PTT / function button on top of secure microphone		Yes	Yes	No
Waterproof IP67 secure microphone		Yes	No	No
Weatherproof IP55 secure microphone		No	Yes	Yes
Standard emergency - triggers emergency input on mobile		Yes	Yes	Yes
Programmable advanced emergency - over the air alert tones and programmable "live mic" emergency remote monitor		Yes	No	No
Local talkaround capability		Yes	Yes	No
Hirose headset audio port on secure microphone		Yes	Yes	No
Programmable DC power for Hirose accessory		Yes	No	No
Low profile Off/On button below antenna		Yes	Yes	No
EVR2 Enhanced audio processing / echo & packet noise cancellation		Yes	Yes	Yes
Volume controls on side		Yes	Yes	No
Volume controls on top		No	No	Yes
Sure touch™ PTT button		Yes	Yes	No
Classic PTT button		No	No	Yes
High performance secure microphone antenna		Yes	Yes	No
Classic secure microphone antenna		No	No	Yes
Dual secure microphones connected to single gateway capability		Yes	No	No
Multi Unit capability (with junction box)		Yes	Yes	Yes
Remote / handlebar PTT capability		Yes	Yes	Yes
Dual Radio control (with XSJB)		Yes	No	No
Radio & LTE/PTT smartphone control capability (with XSJB)		Yes	No	No
8 watt public address audio output 3.5mm socket on gateway		Yes	No	No
3.5mm earpiece audio output jack on secure microphone		Yes	Yes	Yes
Compatible with XDTC, X6WC and X10DRMC chargers		Yes	Yes	No

Features may also require programming to activate or use of a special function box.

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CAPABILITIES

The **X10DR Pro** model is the latest incarnation of Wireless Pacific's patented well proven 'out of vehicle' X10DR communications solution. Providing all existing X10DR established 'out of vehicle' capabilities, multiple next generation X10DR devices can now be connected to a common mobile radio via a low cost junction box allowing users to choose to either talk over the radio channel or alternatively, just talk locally "off-net" to other X10DR users sharing the same mobile radio. All voice communications plus system alert tones from the mobile radio and other connected X10DR users are audible at all times ensuring users are totally connected.

PRO MODEL



ELITE MODEL

Specifically designed to meet the stringent demands of mission critical users, the ruggedized **X10DR Elite** models feature **128Bit AES** encryption to provide the highest levels of voice security. When coupled with their relative short range, random location and the unique coding of every device, AES encryption provides the highest protection against the most sophisticated adversaries. Knowing there are times when officers and first responders may need to wade into deep waters to save lives or property, the Elite handset has also been engineered to provide IP67 waterproof compliance. To provide remote users with network access flexibility when deployed in remote locations, the X10DR Elite models can be connected to special function boxes to allow dual radio access/control or mobile radio and Smartphone LTE operation. Elite gateways provide a high powered 8 watt audio output capability which can be used to provide an 'in-car monitor' function or alternatively, can be used as a public address system. Control buttons on the base of the gateway provide independent volume settings. The Elite model uniquely also provides a capability for a dual handset setup where 2 secure microphones can operate simultaneously with a single gateway for a lower cost setup. This dual connectivity capability means that the cost of a second gateway as well as the antenna, junction box and interface cables are not incurred. A mobile charger is available for the second secure microphone in these situations. Users should note that the total maximum achievable range is marginally less than if two separate gateways were used but for many applications the range difference is barely noticeable for most applications.

The **X10DR Classic** model is intended for deployment into existing 1st generation X10DR-XU1 fleets. This "legacy" model has been configured such that the secure microphone looks identical to previously provided X10DR-XU1 devices so as to maintain common user operational knowledge and functionality. Note: Classic X10DR-XU2 secure microphones and X10DR-XU1 secure microphones will only work with their respective series matching X-Ponder gateway units. Wireless Pacific recommends using Elite or Pro models for new X10DR system deployments. For Classic versions of the X10DR-XX1 series please contact Wireless Pacific.

CLASSIC MODEL



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Works with:



MOTOTRBO™



NXDN™ ANALOG

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