



LIBERATE YOUR MOBILE RADIO™

X10DR® 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.

The X10DR stands ready 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 X-Ponder mobile charger connects to your mobile radio in your vehicle (or office) - It passes all voice traffic to and from your Secure Wireless Microphone

TAKE THE POWER OF MOBILE: MOBILE!

The X10DR unleashes the power of your mobile radio allowing wireless communication with a fixed mounted or vehicle radio: 60, 150, 300 metres/yards and onwards.* 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.



PRODUCT SPECIFICATIONS

PHYSICAL

Dimensions	88x28x63 mm (Spk Mic) 80x80x60 mm (Chgr)
Weight	149 grams (Spk Mic) 125 grams (Chgr)
Frequency	2.40 GHz~2.48GHz ISM band
User Modes	2: PTT & Emergency (option)
Operating Temperature	-10°C to +45°C (extreme -20°C to +60°C)
Operating Voltage	3.7V DC
RF Power Output	<100mWatts
Rated Audio/distortion	> 250mW @6%
Protocol	802.15 based FH Spread Spectrum
RF Connectors	RP-SMA Female
Type Acceptance	CE, FCC, Aust/NZ
Shock/Vibration	MIL-STD 810
Humidity, Rain & Dust	IEC529, IP55 (microphone only)

POWER

Battery	1200mA Lithium Ion (1000mA Optional)
Battery Life	12+ Hours
Charge Time	Continuous (5 Hours from 0%)

WIRELESS

Range	60 - 300+ Metres
XU1 Connect	HLC™ : Hard Line Coding
Encryption	64 Bit (Standard) - 128 Bit (Advanced)

ORDERING INFORMATION

MODEL NUMBERS

X10DRSM-XU1	Standard Mobile Secure Wireless Microphone
X10DRSM-XX1	Advanced Mobile Secure Wireless Microphone
X10DRMD-XU1	Mobile X-Ponder / Charger
X10DRMD-XX1	Advanced Mobile X-Ponder / Charger

OPTIONS & ACCESSORIES

XEB	Adds Emergency function to standard model
XHC	Adds Hirose 6 pin accessory connector to standard model
XLWH-X10	Lightweight headset noise cancelling, in-line PTT & Hirose conn.
XITRQ-X10	Advanced ear lapel mic with Hirose conn. (requires TL earpiece)
X10DRDC	Spare desktop charger includes AC/DC plug pack
XMDM	Mobile X-Ponder rotating vehicle mount
XIB	X10DR 3 way interface box
XIB-CK	X10DR X-Ponder to interface box cables (50cm)
XSMC	X10DR Magnetic mount kit

MOBILE X-PONDER/ ANTENNA & INSTALL OPTIONS

XRMA	Multi-polarity rack mount unity gain antenna including 5M LMR200 low loss coax and sma connector
XMMA	Magnetic mount unit gain antenna including 3.5M LMR200 low loss coax and sma connector
XBDAU1	13dB (max 1W) Bidirectional amp, 12VDC for Mobile X-Ponder
XBDA-OFF	13dB (max 1W) Bidirectional amp, for office roof mount includes 10M coax and connectors and AC/DC plug pack

XMC-GEN	X10DR X-Ponder to generic interface cable - unterminated
XMC-**	X10DR X-Ponder to radio interface cable - Radio specific
XMC-3M	X10DR 3M radio interface extension cable - DB15 M to F

**Contact us for available mobile interface cables

STANDARD MOBILE SECURE WIRELESS MICROPHONE INCLUDES:

3.5mm Earpiece Audio Accessory
1200mA Lithium Ion Battery
Removable Belt Clip
100mW FH Spread Spectrum with HLC
2.4GHz Ground Independent Antenna
Auto Speaker Mute

ADVANCED MOBILE SECURE WIRELESS MICROPHONE INCLUDES:

3.5mm Earpiece Audio Accessory
Emergency Button
Hirose 6-Pin External Headset Audio Accessory
128Bit Encryption
1200mA Lithium Ion Battery
Removable Belt Clip
<100mW FH Spread Spectrum with HLC™
2.4GHz Ground Independent Antenna
Auto Speaker Mute



MOBILE X-PONDER / CHARGER



DESKTOP CHARGER