

Elite Plus

What's new?



X10DR
LIBERATE YOUR MOBILE RADIO



Wireless Charging

X10DR Elite Plus is now available with cellphone style contact-less wireless charging. Handsets can be factory fitted with the XWMC wireless charging back cover or they can if necessary be ordered for field retrofit. A number of unique wireless chargers are available to suit a variety of vehicle or console fit-outs. The handset features a Velcro mounting arrangement for optimum on shoulder placement, A small Velcro clip attachment XVCA is also available.

Mandown Biometric Monitor option

To optimize your employees safety at all times, X10DR Elite Plus handsets can be factory fitted with the XMD mandown monitor. The biometric device constantly monitors the activity of the user whenever they leave their vehicle. Activation occurs whenever the handset is removed from its cradle/charger. Should the user become immobilized for any reason, the user will first be pre-alerted with a 30 second countdown tone sequence. Should they fail to respond their vehicle co-workers can be alerted to render immediate assistance and/or triggering the host radio's emergency alarm. For convenience the safety function can be temporarily paused by the user when deemed prudent. Returning the handset to its charger deactivates the function.



PTT Button toggle

To tailor handset for the optimum user-friendliness, the large side PTT button can be user assigned between Radio PTT and Talkaround PTT. Doing so means the user always has a large PTT button to press, no matter who they wish to talk to. In the radio position, the handset status LED glows blue to indicate your transmissions are being sent over the air to the radio network. In the Local Talkaround position the LED glows green to indicate your are communicating locally on ground. Regardless, all local and network transmissions are heard by all co-vehicle users.



Wireless PTT Button

X10DR Elite Plus secure wireless microphones can now be mated with our XWPB wireless PTT button to allow "handsfree like" transmissions over your radio channel. This small finger device attaches by a small adjustable Velcro strap and are especially ideal for use with headsets and other audio accessories and for those situations when your hands are otherwise full. Its the perfect companion for those that use Elite Plus's local handsfree capability.



Talk Back Microphone

XTBM Talkback microphone has been designed specifically to allow a user remaining in the vehicle to maintain full communications with X10DR handset users outside of the vehicle while maintaining the ability to instantly communicate with others over the host radio network. To address changing priorities, the top grey Control button acts as an assignment toggle for the side PTT button. Press it once and the side PTT button becomes the Radio Transmit button and the status LED changes to blue to let the user know they are communicating out over the sky to the radio network. Press it again and the side PTT button once more becomes the Talkaround PTT button with the LED changing back to green to let the user know they are now talking locally on the ground (default position). Alternatively, the side PTT button can be permanently assigned to local talkaround PTT with Radio PTT function assigned to the top grey button or vice versa to mimic a wireless X10DR default configuration. In either position, all X10DR wireless and wired handsets hear both sides of every conversation.



Extra Loud Receive Audio

While some X10DR users may prefer to wear headsets or discrete earpieces to maintain privacy, many users will choose to operate their handsets like a traditional portable radio. The X10DR Plus Series provide double the receive audio volume of previous models to ensure that no matter the background noise level, messages will always get through loud and clear.



External Battery Connectivity

To cater for those requiring 24 hour constant use without the Elite Plus handset being returned to its charger, an external cellphone style power-bank can now be plugged into the handset's headset socket via an XEBC cord adaptor. Once connected, the LED status light will blink every 10 seconds to indicate charging is taking place. The handset can be used as normal with* or without the external battery attached. The external battery may be left connected and swapped over with a fresh battery as needed.

*Headset operation not available when external battery is connected.



Earpiece with Hirose Plug

Earpiece operation on Plus series handsets is available by use of either the WPEH-X10 "across ear" large earhook or by the popular WPTEP-X10 Acoustic tube quick disconnect series. Both earpieces feature a 6 pin Hirose HR10 connector and required handset programming for internal Mic only operation. A **3.5mm audio jack is no longer supported** and is only available by special order: MOQ 500 applies.



No Hirose cover - Alignment Marker

In-line with removal of the 3.5mm audio earpiece jack we now ship the X10DR Plus series without a rubber cover over the IP67 waterproof rated multi-purpose Hirose headset port to allow easier user access to the jack and to allow some accessories to stay connected when using wireless charging. For those desiring to fit rubber covers they can be purchased as a spare part. (XHRC) a white arrow on the Plus series back cover now allows you to quickly line up the Hirose pin configuration. Progressively all Hirose accessory plugs will feature an embossed alignment arrow.



Bar coding and QR Codes

To allow easier access to device serial numbers, X10DR main line devices now use bar coded labels. Additionally, QR codes are included to allow quicker access to information such as user manuals from the X10DR.com web site. NFC wireless stickers are no longer fitted.



XCBC Color Back Cover

To allow easier identification of handset/gateway pairing on multi-gateway vehicle fit ups a colour back cover option is now available. Please advise Pantone color when purchasing. A MOQ of 500 applies.



X10DR Plus Series Smart Desktop Charger

Compact and low profile, the single desktop charger features Individual LEDs to provide traditional Red/Green indication of the handsets' current charge condition. The charger features a USB-C input plug and can charge from 5VDC input. It is supplied with a country specific 5VDC@1AH AC USB power supply and USB-A to USB-C cable.



X10DR Plus Series Smart 6 Way Desktop Charger

The new 6 way slim series 6 way multi-charger. Individual LEDs now provide traditional Red/Green indication of the handsets' current charge condition. The charger features a 5.5/2.5DC input plug and can charge with a DC input from 8-15VDC. The charger is supplied with a 12VDC@5AH AC power supply with a local country AC power cable. It can be powered from a vehicle battery when used in a mobile command vehicle etc.

Touchless Pairing

For greater convenience and flexibility of gateway installation and ongoing maintenance Touchless pairing has been introduced for installation fit ups using “cup-less” roof top and in vehicle gateways. Handsets can now be wirelessly paired with all Elite Plus gateways



XRTG Elite Plus

The new white XRTG Elite Plus rooftop gateways has been totally streamlined providing on board RJ45 connectivity and waterproofing cable retainers. The totally de-cluttered design has been enhanced with wired remote function control and touchless over the air pairing protocol. The design support operation up to +90°C. The new devices use identical PCBAs as the standard Elite Plus gateways to maintain 100% service shop compatibility.



XIVG In vehicle Gateway

The XIVG is a new very small in vehicle gateway designed to be connected directly to the rear of the host mobile radio via a XCA adaptor which can significantly reduce installation time. It is used with Handset fitted with XWMC wireless charging. The new devices use identical PCBAs as the standard Elite and Pro Plus gateways to maintain 100% service shop compatibility.



New XMPA- ANT (v3) Roofmount NMO Antenna

We have optimized our XMPA roof mount NMO antenna for even better performance. New stylish symmetrical outlook to suit even more vehicle types. It will be introduced initially on our XRTG Elite Plus gateways and will progressively included with our standard vehicle antenna installation kits during 2021.

Command Relay Mode - “Stop & Prop”

Refer the following pages for full description of this exciting new range extender capability. The feature is factory activated in all Elite Plus handsets by default and requires the user to manually enable its functionality whenever they want to “Stop & Prop” and set up a relay point for the other handset/s to relay their communications back and forth to their vehicle’s radio. On power up it is disabled again.



Automatic Relay Mode - “Go & Flow”

Refer the following pages for full description of this new innovative range extender capability. The feature requires programming with the XFPK field programmer to be activated. Once programmed the function is always operational whenever the handset is powered on, unless the user manually temporary disables their handset. On power up it is active again.



LED Product identifier

Elite Plus handsets and gateway LED’s now momentarily flash Blue /Red on start up as a simple reminder of which model you have under test in the service shop

more information at:

www.x10dr.com



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