

Elite Plus

2022 What's new?



X10DR
LIBERATE YOUR MOBILE RADIO

Trunk Mode Support

To enhance the common operational user experience between a user sitting in their vehicle using the radio's curly cord microphone and when they are using the X10DR outside the vehicle, we have introduced Trunk Support Mode (TSM). Enabling TSM in the X10DR handset ensures that all Channel Grant /Talk Permit tones in their entirety are heard distinctly via the user. Additionally, the X10DR's microphones transmit audio is momentarily muted to prevent such radio system tones being inadvertently sent back over the trunked network.

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-TA 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. Naturally this can also be used for selecting with mobile to transmit on in dual radio installations.

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.



Hirose Alignment Marker

A new white arrow on the X10DR 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.



XDTC 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.



X6WC 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.



XCPB COLOR PTT BUTTONS

Images for color references only - refer official Pantone® PMS color chart



Color PTT Buttons

Elite Plus handsets are now delivered with a precision touch distinctive Purple colored PTT button. A range of colors are available for field retrofit for all X10DR Models.

XRTG Elite Plus - Touchless Pairing



The new white XRTG Elite Plus rooftop gateways has been totally streamlined providing on board RJ45 connectivity and waterproofing cable retainers. The XRTG models provide the longest coverage of all X10DR gateways models due to the integrated rooftop multi-polarity antenna design. 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 +194°F. The new devices use identical PCBAs as the standard Elite Plus gateways to maintain 100% service shop compatibility. For greater convenience and flexibility of gateway installation and ongoing maintenance Touchless pairing has been introduced for installation for all gateway configurations. Handsets can now be wirelessly paired with all Elite Plus gateways.

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 XMVC mobile or desktop chargers where operationally desired. The new devices use identical PCBAs as the standard Elite gateways to maintain 100% service shop compatibility.

Command Relay Mode - "Stop & Prop"



The manually enabled Command mode feature is factory activated in all Elite Plus handsets by default but requires the user to manually enable its functionality whenever the user wants "Stop & Prop" relay mode functionality. When enabled the handset becomes a relay point for the other handset/s to relay their communications back and forth to their vehicle's radio. Unless the user manually disables the feature using the assigned button. Regardless of previous setting, on power up it is disabled again.

Automatic Relay Mode - "Go & Flow"

The Automatic Relay mode feature requires the function to be pre-enabled with the XFPK field programmer prior to deployment. Once enabled, the function is always operational whenever the handset is powered on, unless the user manually temporarily disables their handset using the assigned button. On power up it is active again.

Relay Mode - Enable/Disable Button

By default, Relay Mode can be enabled/disabled by a LONG press of the Blue Volume Up button. Alternatively this can now be assigned to a SHORT press of the right side, Red Off/On button.



XSJB (v2) - Smart Junction Box

The XSJB (V2) allows multiple (max 3) X10DR gateway / XTBM Talkback Mic devices to be connected to 2 separate host radios, PoC Smartphone, satellite link terminal devices, etc. Radio transmit selection is usually via toggling the handset Side PTT button between Radio 1 and radio 2. Additionally, the device allows Local "Off-Network" talkaround including handsfree operation amongst handsets.

more information at:

www.x10dr.com



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