



X10DR®
LIBERATE YOUR MOBILE RADIO

ELITE Plus XRTG Gateway

PRODUCT SHEET

The incredibly compact, lightweight and patented X10DR® secure wireless microphone extends the power of the mobile radio into the palm of your hand, both in and out of the vehicle. To provide even greater range and into building coverage, Wireless Pacific have developed a unique external mount housing for the Elite Plus Gateway. Operating in the 2.4GHz band means antenna coax cable losses can be significant. Even the best available coax suffers a 3dB loss on a 5.2 metre cable run. That's the equivalent of losing half the RF signal!

We are now able to achieve range in excess of 700 metres line of sight coverage by simply repackaging the standard Elite Plus Gateway electronic circuitry into an IP67 rated housing and mounting the gateway externally, unobstructed, on a roof, light rack or similar. Of greater importance, that means greater "into building" penetration than with a standard internally mounted gateway device.

The XRTG Plus ruggedized housing mounts on a stainless L shape bracket and is fully weatherproof against the elements. XRTG operation has been confirmed up to 92°C and down to -30°C meaning it can operate externally in most environment extremes including external use on Fire engines.



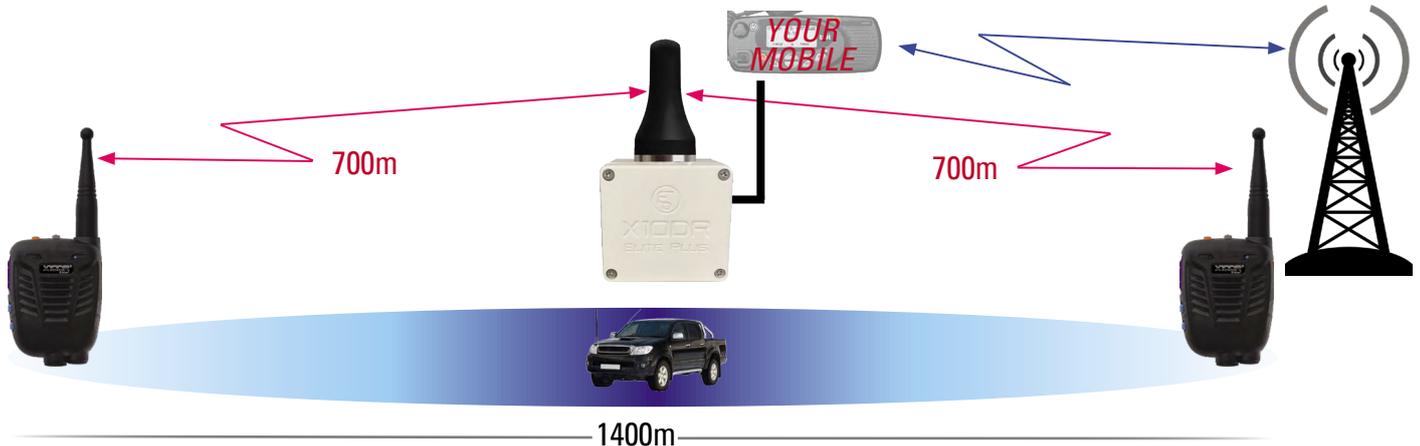
Temperature rating:
-30°C to +92°C

Control Station / Command Post Use

Because there is no range impact on the length of the connecting shielded cat 6 cable, it means the XRTG Plus can be mounted literally a hundred metres away from the host radio/control station if need be. This makes the XRTG Plus packaging ideal for warehouse installations, or in those situations where the required building coverage might be better achieved by mounting the gateway in a central building high point overlooking the office work areas below. For Command Post Response vehicles, the XRTG Plus external design makes it also ideal to be mounted on an electric pump up mast, so as to lift the integrated antenna up above any localized obstructions at a disaster scene and thereby ensure greater signal availability for handset users.

... up to 700 metres.

SECURE WIRELESS COMMUNICATION
via your vehicle's mobile radio



The gateway connects to your mobile radio in your vehicle up to 700 metres (LOS). It passes all voice traffic to and from the secure wireless microphones.

Installation Cables

Connection to the XRTG Plus comes standard with a 6 metre XIC shielded flat interface cables. A variety of lengths are available from 14 cm up to 25 metres. To simplify installation, both ends of the gateway connect cable is terminated but should you need to shorten the cable or remove the shielded RJ45 plug to allow passing through a cabin wall etc, a replacement can be found at any computer network supply store..

Handset - Gateway Pairing Preparation

The pairing procedure normally only ever occur at time of installation. First master reset the gateway as follows: Manually turn off gateway then press red backlit button again, continue to hold for about 10 second until the LED flickers quickly followed by a very slow flickers - the gateway is now reset. Next master reset the handset/s to be paired as follows: With the handset powered off, press both the PTT and volume up buttons while powering on the handset by pressing the On/Off button. Master resetting drops all previous pairing. The handset LED will flicker to indicate no pairing. The cleared handsets can now be paired.

Touchless Pairing Process

With handset and gateway prepared and powered ON but the host mobile radio powered OFF, then next hold the handset nearby, pressing both its blue buttons until the blue LED flashes rapidly and the handset beeps (after 5 secs). A few seconds later pairing confirmation tones will sound and the LED on the handset will glow solid.

ORDERING GUIDE

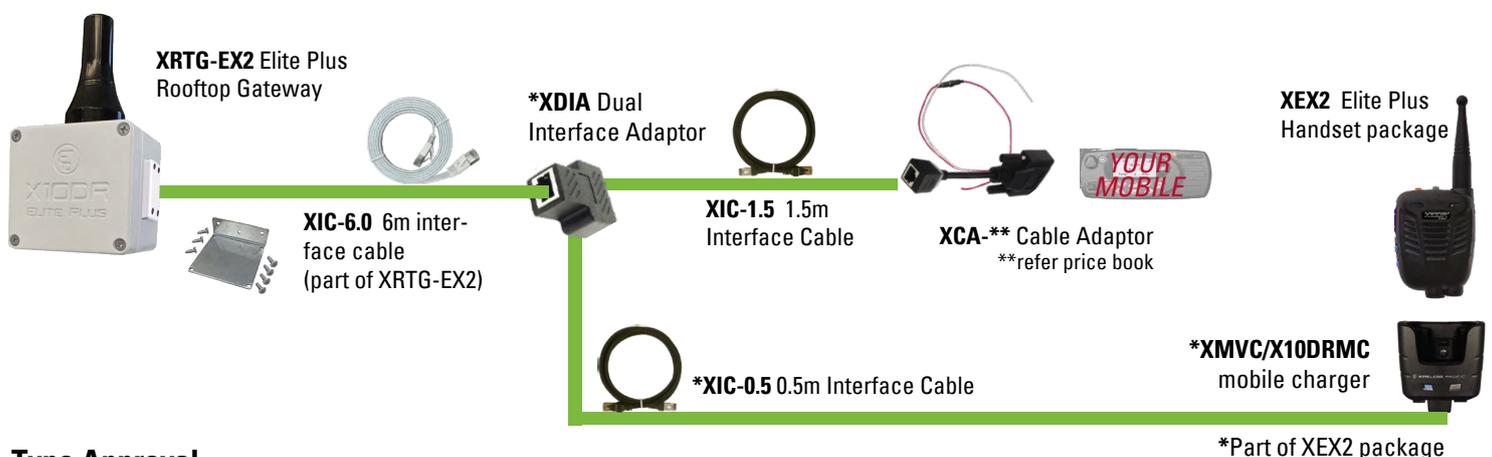
To order a roof top gateway configuration for vehicular use, order:

1x XRTG-EX2	External Elite Plus Gateway
1x XEX2	Elite Plus Handset Package (order 2/3 for Multi Elite Plus Mic operation)
1x XIC-1.5	Interface Cable 1.5m (order XIC-6.2 or XEC-4.5 extension if radio mounted in trunk)
1x XCA-**	Cable Adaptor - radio model specific (refer pricebook)

To order a roof top gateway configuration for office use, order:

1x XRTG-EX2	External Elite Plus Gateway
1x X10DRSM-EX2	Elite Plus Spare Mic (order 2/3 for Multi Elite Plus Mic operation)
1 x XDTC	Desktop Charger- order as required / Alternatively X6WC 6 way Desktop Charger
1x XIC-1.5	Interface Cable 1.5m (order XIC-6.2 or XEC-4.5 extension if radio mounted remotely)
1x XCA-**	Cable Adaptor - radio model specific (refer pricebook)

Typical Installation



Type Approval

FCC ID: 2AGEY-XH2 / 2AGEY-XG2
 IC:11443A-XH2/ IC:11443A-XG2



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