

XMG2 MSat G2

Satellite Terminal Interface

The XMG2 allows the user to know when to talk and when to wait using a trunking radio style audio alert protocol. Whenever the user presses their X10DR handset PTT button, if a channel is immediately available to talk, then the user will hear a short talk permit/go ahead tone. However, if the sat terminal needs to wait for a voice channel to become available, then the user will hear a wait /busy tone, followed by the short talk permit/go ahead tone when a talk channel becomes available.

Use the X10DR handset in or out of the vehicle. Naturally, the MSat G2 handset remains in full use. NOTE: for X10DR use you must enable "Crosspatch" on Hughes handset menu.



What you will need:

- 1 x X10DR-EX2 or PU2 X10DR package.
- 1 x XMG2 Interface box.
- 1 x XDIA Dual interface adaptor.
- 2 x XIC-0.5 RJ45 interface cable - 50cm.
- 1 x XIC-DB9 RJ45 -DB9 interface cable DB9.

CONNECTIONS



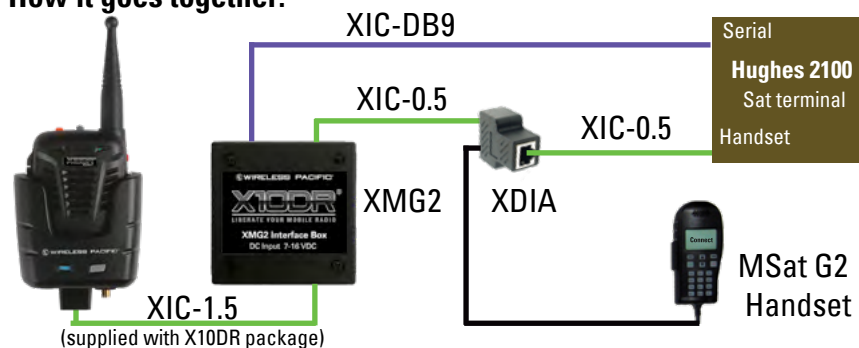
USB for firmware upgrades (future) Connect Cable from X10DR here

Power On indicator. Flashes when PTT is pressed and waiting for a channel.



Connect XIC-0.5 cable to MG2 "handset" port here Connect DB9 cable to MG2 "serial" port here

How it goes together:



... up to 500* meters.



The gateway connects to your satellite terminal in your vehicle. It passes all voice traffic to / from the X10DR handset.

SECURE WIRELESS COMMUNICATION
via your vehicle's mobile radio

*Line of sight