

## Application Note 8

### Loneworker X10DR connected to one mobile radio



The XFB-LW provides traditional portable radio type “lone worker” functionality to the X10DR. Internal dip switches allow custom parameter setting for:

- 1/ Activity time interval (the time interval in which a user must momentarily press their PTT or Emergency button to prevent onset of duress alarm),
- 2/ User pre-alert tone interval (period where the X10DR user hears a warning tone that an emergency duress condition is imminent).
- 3/ A 10 Sec “Live Mic” feature. When enabled by an internal dip switch, the units factory default Live Mic parameters are 3 cycles of 10 seconds microphone transmit and 50 seconds of standby/receive. Alternate timing/cycle settings are available but must be factory ordered.

Momentarily pressing either the PTT or the orange emergency button will reset the imminent emergency condition including resetting a sounding pre-alert tone.

Custom versions of the X10DR secure mic are also available which provide mandown sensing.

The XFB-LW connects to the host radio via a XMC series interface cable. The X10DR connects to the XFB-LW by way of short 50cm (20”) XIB-CK connecting cable.

**Note:** Wireless Pacific recommend use of our **multi-polarity antennas** so that the best possible coverage is provided to each X10DR user. Multi-polarity antennas provide superior coverage in non ‘line of sight’ coverage situations, especially when talking into concrete walled buildings or around corners or other physical obstacles to line of sight communications.

#### Loneworker fit-up

