

## Application Note 4

### Dual radio connected to one X10DR

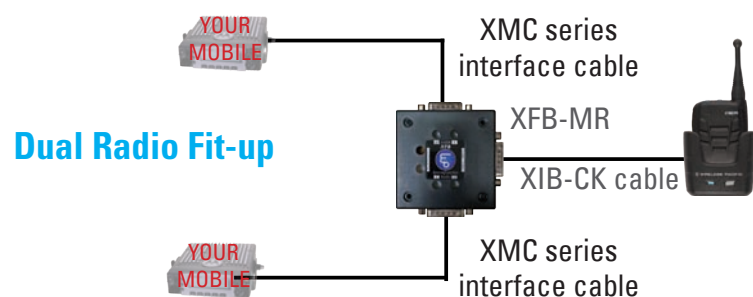


The XFB-MR can be used to allow 2 mobile radios to be connected to the one X10DR unit. A unique marker tone\* is attached to the tail of each secondary radio reception to inform the user which radio's audio they have just heard. The XFB-MR unit can be configured by way of a dip switch to either A/ maintain the secure microphone's emergency functionality on its orange button, or to B/ use that button as a PTT to transmit on the secondary radio's channel.

To activate emergency in either of these two modes, the user must first press the PTT and then press the orange button for >1 second.

The XFB-MR connects to the host radios via two radio model specific XMC series interface cables. The X10DR connects to the XFB-TA via a XIB-CK cable

Wireless Pacific recommend use of our **multi-polarity antennas** so that the best possible coverage is provided to the 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.



Antenna connections not shown