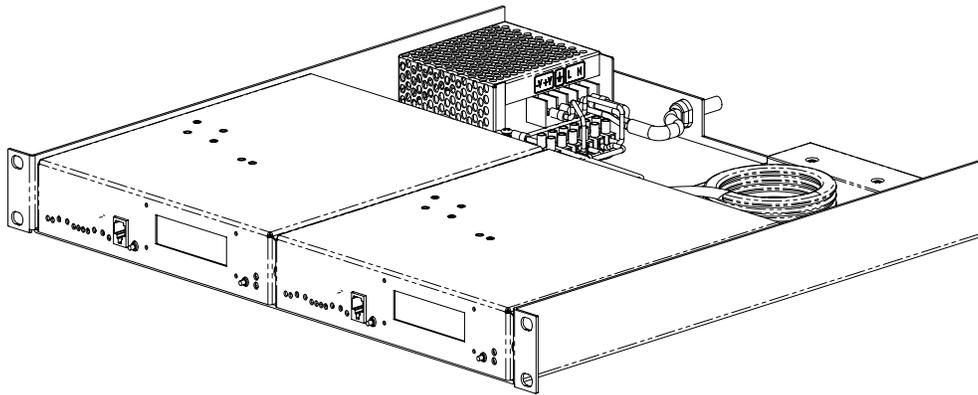
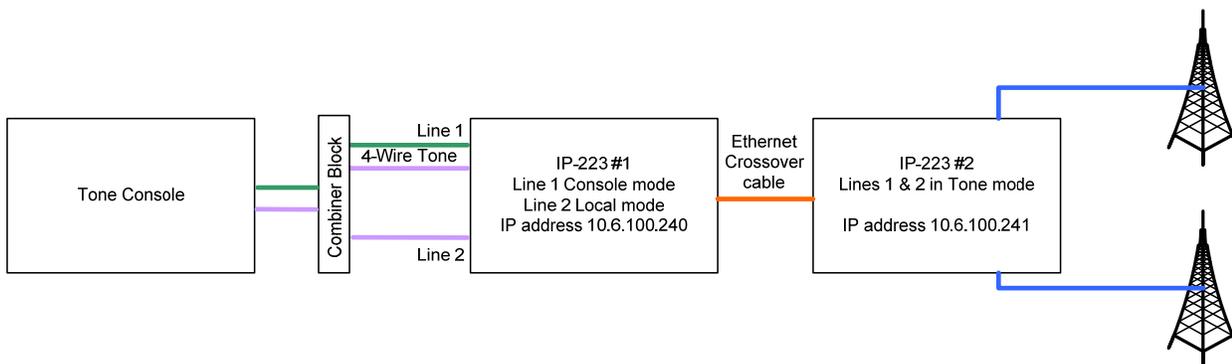


Telex BAND-BRIDGE – Frequency Re-Banding Solution

As agencies across the country prepare for band reconfigurations, one universal constant will be encountered wherever the process is undertaken, not all agencies will be able to re-band at the same time, or together. Therefore, it is necessary to provide for simultaneous operation on both old and new channel assignments during band reconfiguration to avoid stranding any user that may be party to a response. That's why Telex has developed an off-the shelf solution designed accomplish exactly this task – introducing the BAND-BRIDGE, Frequency Re-Banding Solution.

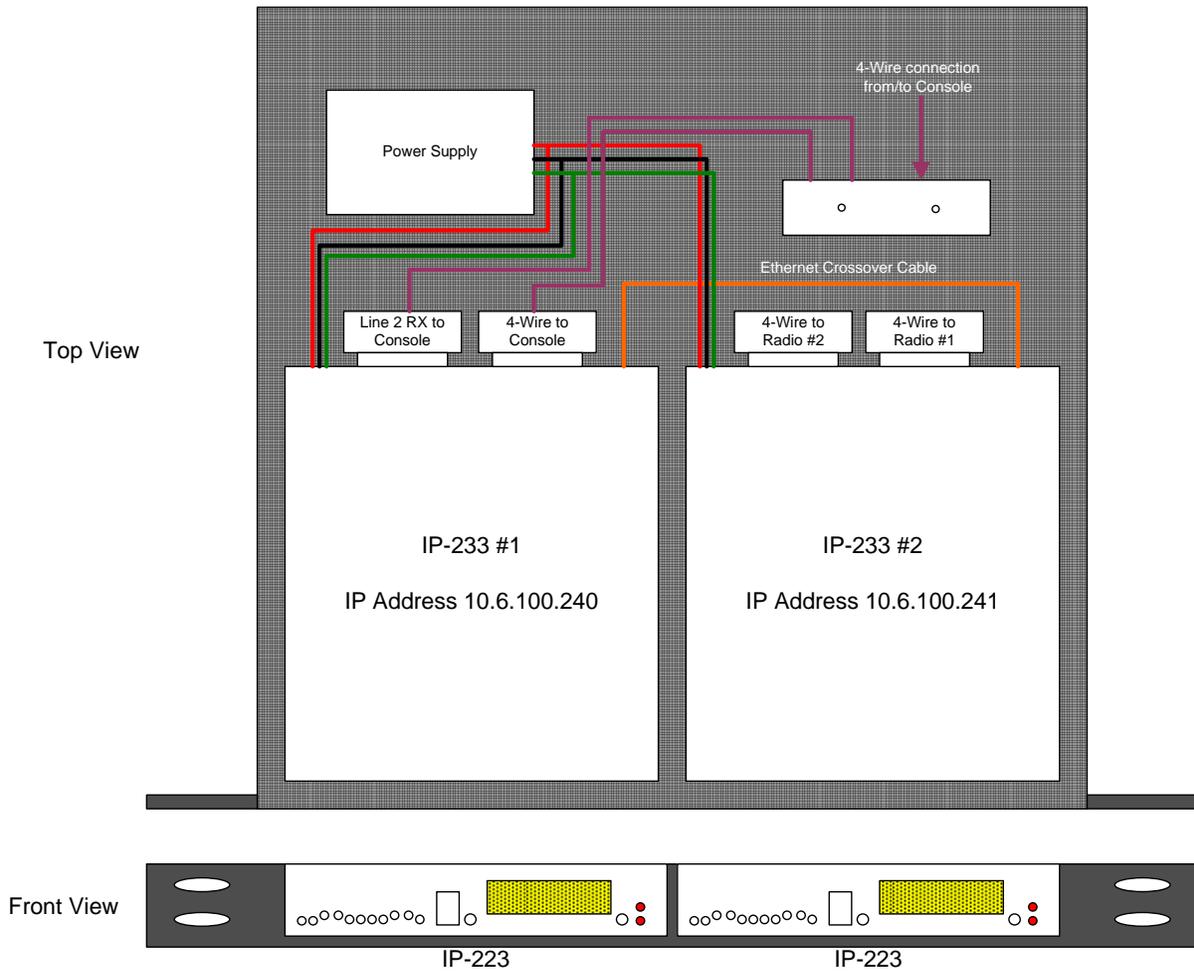


In this solution, Telex IP-223, Dual Network Adaptor Panels provide the functionality required for the parallel operation of two base stations and the back-to-back repeater interface. Operation is such that tone remote control of a particular mutual aid channel by the dispatcher causes both old and new frequency assignments to key and transmit simultaneously.



In the reverse direction, subscribers working through either old or new channel assignments would be heard by all parties to a particular mutual aid event. Dispatcher control will be maintained at all times where the dispatcher will have priority over subscriber communications and the capability to enable and disable the repeat function of the various channels – all via standard tone control with no modification to operational procedures in place today.

The IP-223s are employed to provide parallel control of two base stations operating with old and new channel assignments and, additionally, will provide crosspatch communication between the two base stations. In this configuration, two IP-223 panels are required and are collocated with the remote base stations. One IP-223 operates in *Console Mode* and receives dispatcher audio and control tones from the mutual aid connectivity network. The second IP-223 is configured for *Tone Mode* and is interfaced with the two base stations. The two IP-223 panels are connected back-to-back using their Ethernet interfaces.



The IP-223's offers unique capabilities to this solution including its ability to handle two lines per unit, and to operate in multiple different modes straight from the factory. No other network adaptor panel offers as much flexibility and capability as the IP-223.