



# IA-10401

## Split Dispatch Dongle



The Split Dispatch Dongle is a simple attachment option to the F5061 Series mobile radio that promotes selective digital decoding capabilities within a Talk Group (TG) in a Fleet.

This feature enables a Fleet Administrator to allow a large population of field subscribers to communicate freely with the Dispatch(es) while prohibiting them from hearing the other field radios within their Talk Group.

Feature benefits include keeping Fleet personnel from using the radios for personal conversations; and, in a trunking application, keeping the Fleet from using excessive channel capacity.

### How does it work?

The Split Dispatch Dongle is connected to the 25-pin connector (standard on the F5061 series) of each radio that requires selective decoding of audio. It utilizes the PC Commands that are standard in the F5061 series mobile radios to compare preprogrammed Talk Groups and Dispatcher ID's. Then it makes a decision to mute or unmute the speaker based on the presence of those pre-authorized and programmed ID's.

The Dispatch ID(s) and desired TG ID's are programmed into each dongle and connected to each field radio. As signals are received, the dongle reads the PC Command information. If the Talk Group received matches the Talk Group

programmed in the dongle, the dongle proceeds to inspect the Individual ID of the signal originator. If the received signal individual ID matches the ID(s) preprogrammed in the dongle, it allows the receiving radio to decode the audio in the speaker.

In cases where the field radio receives signals with Talk Group ID's that are not programmed in the dongle, the dongle stays idle and the radio decodes in accordance with its regular radio programming. This allows the radio to perform in a standard programmed way when other channels are used.

### Features:

- Program cable is standard USB Mini
- Easy connection using attached D-Sub 25 connection
- Lightweight and small in size

### Specifications:

Weight: 70 grams  
Dimensions: 20mm X 51mm X 70mm  
Cable: 7.5 inches with DSub 25 pin connector.  
Voltage input: 13.8V supplied through D-Sub 25  
Current Drain: 20mA

