

Dual ID from one QE-2

So, you share a vehicle between two drivers and you need to know which driver is using the radio. The QE-2 has a feature where you can program two different ID's and the user decides which ID to use.

How it works:

Turn on the radio like normal, and the first ID is used. This is the ID programmed into the QE-2 as "Unit ID".

To select the second ID, with the radio off, hold down the PTT button and then turn on the radio. The second ID will be used for all transmissions until the power of the radio is cycled.

Enabling the Feature:

"Dual ID" must be selected in the programming software ANIPROG. This is located under the "Program" tab. There is a place to designate the second ID just under the Dual ID selection box. "Key Follows PTT" must also be enabled. This is located under the PTT Options tab of ANIPROG.

Special Requirements:

For Dual ID to function, PTT and KEY lines must be split (by removing Jumper K) and the PTT line of the radio must be cut. The QE-2 yellow wire (PTT In) must be attached to the PTT switch side of the radio cut. The QE-2 brown wire (KEY Out) must be attached to the opposite side of the radio cut. In some cases, a "pull-up" resistor must be attached between the PTT switch and radio A+. With the radio on and in receive mode, measure the voltage on the QE-2 yellow wire. If the voltage is below 4.7VDC, the "pull-up" resistor should be added.

The above radio modification is not always needed. Some radios separate PTT and KEY when the personality is programmed for the presence of an ANI board. Contact Cimarron Technologies for details.

