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TALK BACK FEATURE

Firmware 2.9 in the F3161D/4161D series and F5061D/6061D series gives end users a new IDAS feature:

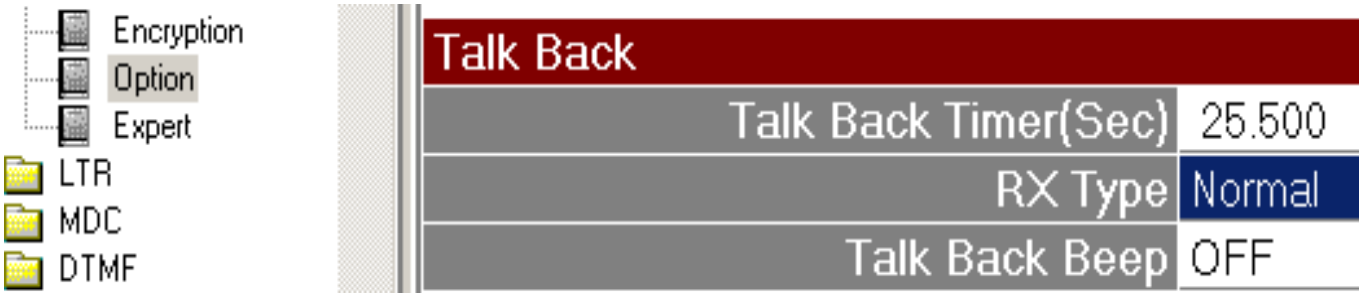
NEW FEATURE: Analog/Digital Talk Back lets users automatically talk back in the last mode received when operating in mixed analog & mixed digital mode.

What is it?

When the radio's memory channel/channel type is set to either Mixed Analog or Mixed Digital, the radio then has the ability to auto sense the format of the received signal. The receive radio transmits back in the same format it received. This feature is active during the time set in the Talk Back timer.

Programming set-up view

Below are the recommended settings when programming the talk back feature:



DID YOU KNOW?

Why is the talk back feature important?

Previously Icom positioned our analog to digital migration strategy around the ability of IDAS to operate both analog and digital signals simultaneously on the same center frequency – a great feature for a smooth migration from analog to digital. With this capability the end user could either:

A) Manually change their radio channel to the anolog or digital channel or

B) Program talk back scan so that the radio would scan between the analog and digital channels and transmit on the last channel received.

The first option would result in missed calls if you were on the analog channel when digital calls are sent.

The second option uses the scan function, which adds complexity to programming and is slightly less responsive since it must actively scan to find the transmission.

With the new 2.9 firmware the automatic Talk Back feature is streamlined and easier. The radio user does not have to change channel or mode when responding to an incoming call. The radio does this for you AUTOMATICALLY now. The end user simply presses the radio push-to-talk button and begins transmission; the radio does the rest. It's that simple!

IDAS repeaters process BOTH analog AND digital calls. The users system may be a mixed system of analog and digital radios as the customer migrates to a full digital solution. With this feature in place the IDAS platform makes the transition from analog to digital easy and viable.

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