

COS Qualified Mute

Have you ever wanted to completely mute the ANI signal? To eliminate the annoying data burst at the radio attached to the C Plus, COS Qualified Mute mutes the radio speaker all of the time. When the C Plus receives an ANI data burst, it waits until the data has completely passed, and then un-mutes the speaker. The speaker remains un-muted until the receiver ceases receiving the RF signal.

To take advantage of this feature, you will need to attach the C Plus "Channel Busy" line to a point in the radio that changes state with carrier detect. This is how the C Plus understands that it is time to remute the speaker. Once Channel busy changes state, the C Plus again activates mute and the speaker becomes quiet again until receipt of another decoded ANI data burst.

Enabling the Feature

The COS Qualified Mute feature is enabled in the C Plus personality programming under *Select Mute Type*.

Special Requirements:

Must attach Channel Busy input of the C Plus to a point in the radio that changes state with carrier detect. This could be the squelch gate or a carrier operated squelch line.

Must remove JP-15 from the C Plus channel busy circuit to activate the circuit.

Must add/remove appropriate mute circuit jumpers (JP-3, JP-4, JP-6).

Must correctly implement RX Mute.

Additional Information:

Since the radio speaker will remain muted until receipt of a valid ANI, All radios on the system must have ANI and it needs to be set at beginning send. The dispatcher will not hear any user who does not have ANI at the beginning of their transmission.

See Also:

Mute Feature

Jumpers

Channel Busy