

Basic Setup

Turn on Track Signal Sniffer

Attach Current Probe

Turn on the Current Probe by placing the slide switch in the 10mV/A position. **CAUTION!** The switch must be in the 10mV/A position for the Track Signal Sniffer to work correctly!

Make Measurements

Basic Mode (Cab Signal 4)

Selecting Different Frequency

Press *F1* to select the Carrier Frequency 1 Menu

Press *F4* to enter the Frequency Selection Menu

Use *F1* and *F5* to scroll through the Frequency List

Use *F2* through *F4* to select the frequency

Press *F5* to return to the Main Screen

Editing a Frequency

Press *F1* to select the Carrier Frequency 1 Menu

Press *F2* to enter the Frequency Edit Menu

Use *F1* to *F4* to increase the frequency digit, the digit will go to 0 after 9

Press *F5* once the desired frequency has been entered

Press *F5* to return to the Main Screen

Selecting Code Rate Display

Press *F3* to change the units being displayed

PPM (Default)

MPH (Must have a speed list)

Hz

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Cab Signal 9 Mode

Entering Cab Signal 9 Mode

Press *F2* to get to the Carrier Frequency 2 Menu
Press *F4* to enter the Frequency Selection Menu
Use *F1* and *F5* to scroll through the Frequency List
Use *F2* through *F4* to select the frequency
Press *F5* to return to the Main Screen

Editing a Frequency

Press *F2* to get to the Carrier Frequency 2 Menu
Press *F2* to enter the Frequency Edit Menu
Use *F1* to *F4* to increase the frequency digit, the digit will go to 0 after 9
Press *F5* once the desired frequency has been entered
Press *F5* to return to the Main Screen

Selecting Current Display

Press *F5* to change the frequency's current being displayed
Code Rate and Duty Cycle are based on Frequency 1

Display Nomenclature

Carrier Frequencies

(100) Means the frequency is set at 100Hz but is not present
100 Means the frequency is 100 Hz
>100< Means the frequency is 100 Hz and is selected for Amps display (in CS9 Mode)

Rate (Code Rate)

27PPM Means 27 Pulses Per Minute code rate
15MPH Means 15 Miles Per Hour (must have speeds list)
0.5 Hz Means 0.5 Hz code rate

Cab Signal 9 Mode

Entering Cab Signal 9 Mode

Press *F2* to get to the Carrier Frequency 2 Menu
Press *F4* to enter the Frequency Selection Menu
Use *F1* and *F5* to scroll through the Frequency List
Use *F2* through *F4* to select the frequency
Press *F5* to return to the Main Screen

Editing a Frequency

Press *F2* to get to the Carrier Frequency 2 Menu
Press *F2* to enter the Frequency Edit Menu
Use *F1* to *F4* to increase the frequency digit, the digit will go to 0 after 9
Press *F5* once the desired frequency has been entered
Press *F5* to return to the Main Screen

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Press *F5* to change the frequency's current being displayed
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