V500 OPERATION QUICK REFERENCE

V500 - PROGRAM MENU (SYSTEM SETUP)

The V500 meter program menu enables the user to sequence the channels, display the desired channels by selecting the appropriate display code, change the units of measurement displayed from pounds to kilograms, and prevent unauthorized personnel from accidentally changing the calibration settings. Press the **CYCLE** button to save the information and advance to the next programming function.

2.1 **ENTERING PROGRAM MENU:** With the meter on, press the **PWR / MENU** button again to enter the program menu.

2.2 **PROGRAM SEQUENCING:** On new systems **PS----** is displayed. Press and release the **CAL** button to start the sequencing mode. Manually connect each pair of trailer VSL Vulcoders, one at a time, starting with the most forward trailer connection. As each connection is made, the meter will verify each connection with either an "**F**" indicating a front VSL Vulcoder or "**r**" indicating a rear VSL Vulcoder.

2.3 **PROGRAM CODE:**

Channel Display Code	Displayed Channels					
000	Automatically selects codes 101, or 201, or 301, or 402, depending on the number of VSL Vulcoders communicating with the meter.					
101	A					
201	A	B	A+B			
301	A	B	C	A+B+C		
302	A	B	A+B	C	A+B+C	
303	A	B	C	B+C	A+B+C	
401	A	B	C	D	A+B+C+D	
402	A	B	A+B	C	D	C+D	A+B+C+D
403	A	B	C	B+C	D	A+D	A+B+C+D

Use the **UP** or **DOWN ARROW** buttons to select the desired channel display code shown above.

2.4 **PROGRAM UNITS (LB OR KG):** Use the **UP or DOWN ARROW** buttons   to switch between lb and kg.

2.5 **PROGRAM LOCKOUT (TARE AND CAL LOCKOUT):** Use the **UP or DOWN ARROW** buttons to activate or deactivate the Driver Lockout feature.

"**PL OFF**"   Driver Lockout deactivated.

"**PL On**"   Driver Lockout activated.

V500 METER OPERATION

3.1 **TURNING THE METER ON AND OFF:** To Turn the Meter **On**, press the **PWR / MENU** button for less than 2 seconds. To Turn the Meter **Off**, press and *hold* the **PWR / MENU** button until the meter display goes blank.

3.2 **CHANGING DISPLAY INTENSITY:** To **Increase** the Display Intensity, Press the **UP ARROW** button, while in the normal operating mode. To **Decrease** the Display Intensity, press the **DOWN ARROW** button, while in the normal operating mode.
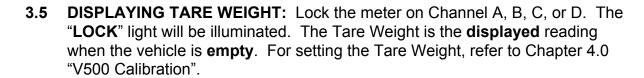
3.3 **LOCKING THE METER ON A PARTICULAR CHANNEL:** To **Lock** the Channel, when the desired channel light(s) are illuminated, press the **CYCLE** button to lock on to a particular channel or combination of channels. The light by "**LOCK**" is turned on and the meter is locked on that particular channel(s). To **Unlock** the Channel, press the **CYCLE** button again. The "**LOCK**" light will be turned off and the meter will continue to Cycle through the channels.

3.4 **SETTING THE CYCLE TIME:** While in normal operating mode, press and *hold* the **CYCLE** button. The Cycle Time will be displayed. To **Increase** the Cycle Time, with the **CYCLE** button still depressed, press and *hold* the **UP ARROW** button to increase the Cycle Time. Maximum Cycle Time is 9 seconds. To **Decrease** the Cycle Time, with the **CYCLE** button still depressed, press and *hold* the **DOWN ARROW** button to decrease the Cycle Time. Minimum Cycle Time is 1 second.

3.5 **DISPLAYING TARE WEIGHT:** Lock the meter on Channel A, B, C, or D. The "**LOCK**" light will be illuminated. The Tare Weight is the **displayed** reading when the vehicle is **empty**. For setting the Tare Weight, refer to Chapter 4.0 "V500 Calibration".

3.6 **DISPLAYING CALIBRATION NUMBERS:** Lock the meter on Channel A, B, C, or D. The "**LOCK**" light will be on. Press and *release* the **CAL** button. The "**CAL**" light will be on and the meter channel will flash. To **Display** the Cal Number on other meter Channels, press the **CYCLE** button until the meter is locked on the desired channel, either A, B, C, or D. To **Exit Displaying** Cal Numbers, press and *release* the **CAL** button until the "**CAL**" light is no longer on. (The **CAL** button may need to be pressed once or twice for this to occur).