VEHICLE SPEED MONITOR

Automobile accidents are the ==**#1 killer of any country today**==. The vast majority of these accidents are the result of poor driving habits. **Failure to observe maximum allowed speed limits, and general carelessness behind the wheel** all contribute to these tragedies. Stop worrying about your drivers driving and get V-Count II!

Talking about defensive driving skills and other limits certainly have their place. But what about when you're not there? This is when bad things happen to good drivers. But, now you can set a speed limit and monitor how many times your driver exceeded that speed limit.

The speed signal supplied to the V-COUNT II is processed by a microprocessor that compares it with a stored calibration value to determine the vehicle speed at any instant of time.

This is accomplished by supplying the unit with the same **Vehicle Speed Signal** (VSS) used by the vehicle speedometer. In older vehicles, year 1992 or earlier, that do not use an electronically driven speedometer, a special speed sensor installation kit is available. The **V-Count II** can monitor any motor vehicle speed (2 mph/kph to 200mph/kph).

When the *maximum speed limit set by the vehicle owner or fleet manager is violated,* a **loud warning tone is sounded.** This warning tone remains on until the vehicle speed is reduced below the set maximum. The time in seconds of an Over Speed violation before a violation is logged can be set in the range of 1 to 20 seconds. The default setting is 5 seconds..

A **flashing red internal and external light** will turn on if the speed violation lasts for longer than the set time. This Over Speed indicator light can only be extinguished by an authorized person entering the 6 digit Security Code.

Each **violation** that exceeds the set speed limits will cause a speed violation counter to increment up to the maximum count of 99 for each instance of violation. If the V-COUNT II is disconnected for more than 20 seconds and then re-connected, a red flashing TAMPER light will start flashing.

First, decide on your setup options as follows:

a. High speed (20 Mph/Kph to 200 Mph/Kph) or Low speed (2 Mph/Kph to 20 Mph/Kph) monitoring range.

b. Input signal type, RS or VSS (explained below).

c. Six-digit Security Code number. We suggest selection of an important date to you, example 04 29 55.

d. Vehicle speed always displayed (auxiliary Speedometer and speed monitor mode) when vehicleis in motion.

e. Over speed (Maximum allowed speed) limit.

f. The length of time (1 to 20 seconds) of over speed violation before it is logged in. Default is set for 5 seconds.

g. Use of the V-Count II for MONITORING speed only. (Please see SPEED ONLY MONITORING note)

V-Count II Function/Set-up Menu

MODE	FUNCTION	SETUP #
Setup	Initialize Set-up procedure	(2)
0	Over Speed Time-out	(12)
1	Run mode	(13)
2	Display violations count	(11)
3	Clear violations count and Tamper	(5)
4	Select High or Low speed mode	(6)
5	Calibration	(7)
6	Set/Display max. Speed	(9)
7	Change Security Code	(3)(4)
8	Input signal selection	(8)
9	Auxiliary Speedometer	(10)

APEXS, INC.
Applied Expert Systems, Inc.
We put technology to work for you

: Suite 714 EGI City By The Sea, Maribago, Mactan, Lapu-lapu City, Cebu, Philippines 6015
: (6332) 495-2106, 495-2113
: apexsinc@mozcom.com
: www.apexvalue.com