

March 2014

## New 1-/2-channel loop detector with USB interface and comfortable Diagnostic and Service Software

In time for Intertraffic 2014, FEIG ELECTRONIC offers with the new loop detector VEK MNE1/MNE2 a device with three fundamental innovations.

The detector appears in a new design, is significantly faster than its predecessor and offers an USB interface for connection to a PC, Notebook or Tablet-PC. Using the free diagnostic and service software from FEIG, the existing configuration of the detector can be shown and, if necessary, changed on site easily and conveniently.



### Faster and more flexible through new hardware platform

The VEK MNE1/MNE2 is based on a new hardware platform that provides higher detection speed and flexibility.

With 12 ms detection time in both the 1- and 2-channel version, the new detector is significantly faster than its predecessor. Because of that, direction detection even at high speed of vehicles is easily applicable, e.g. in the parking garage spindle count.

With regard to the supply voltage, the users of the devices are very flexible. Both variants (1- and 2-channel) can be delivered in a 90-250 V AC or in a 10-30 V AC/DC variant.

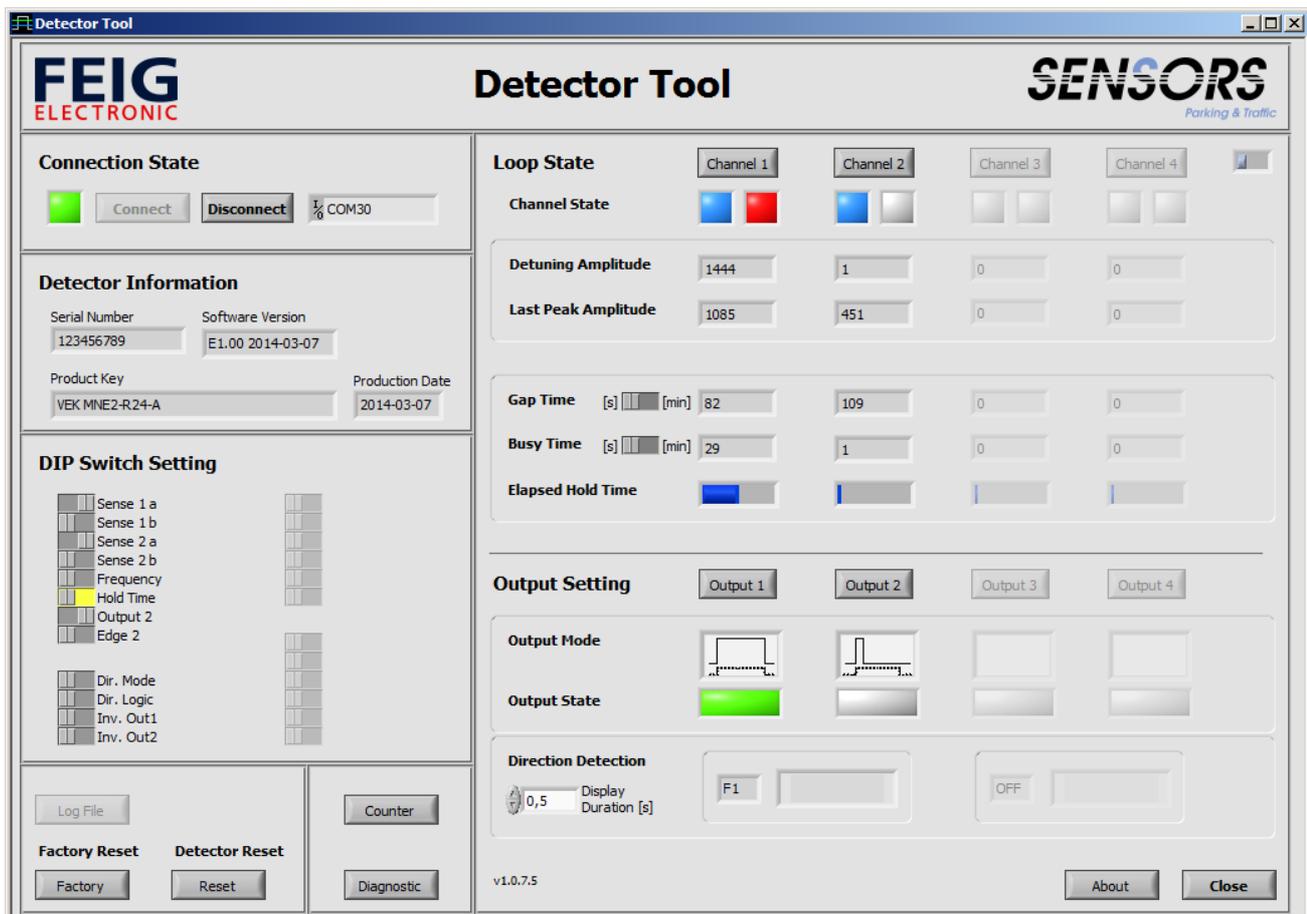
### USB interface allows use of Diagnostic and Service Software

The new detector has an USB interface for connection to a PC, notebook or tablet PC. With the help of the new diagnostic and service software, the existing configuration of the device can be shown or easily and conveniently changed directly on site.

For the on-site service, technicians will have more and more mobile devices with them.

Therefore, VEK MNE1/MNE2 can be connected with notebooks and netbooks, as well as with Windows tablet PCs.

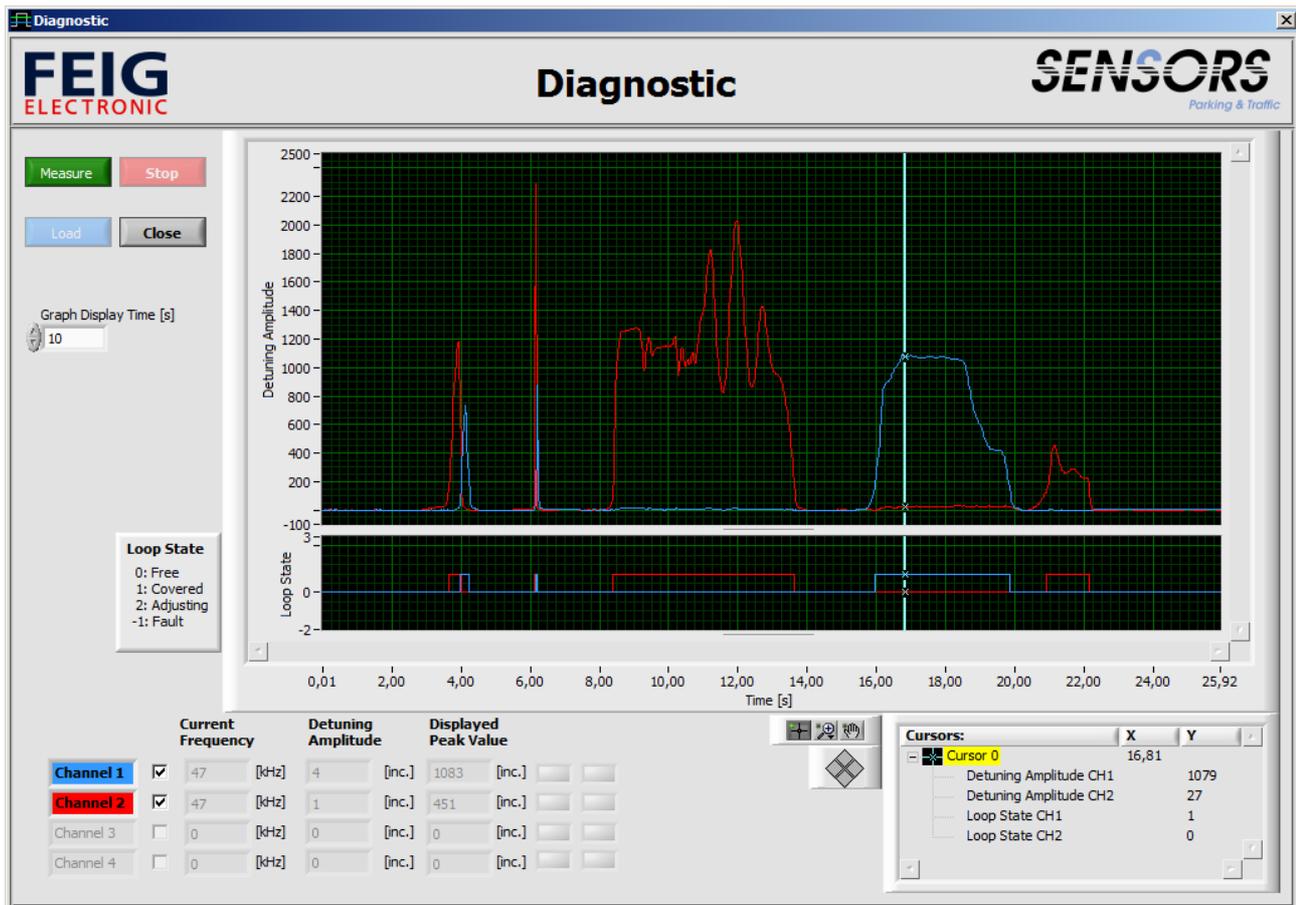
After connecting the detector with the computer and starting the software, the following window is displayed, showing several information about the detector:



„*Connection State*“ indicates whether and via which COM port the detector was connected. The „*Detector Information*“ provides in addition to the serial number the software version of the detectors. „*DIP Switch Setting*“ shows the current position of the detectors DIP switches. Yellow highlighted settings for DIP switches documenting what switches have been changed via the service program. „*Loop State*“ displays information about the loop status, e.g. the current detuning value of the loops and the maximum value of the last loop occupancy. „*Output Settings*“ describes all output settings, for example pulse duration etc.

Press Release

When you click on the button „Diagnostic“ the following image appears, showing the detuning values using a diagram over time.



This image shows the exact course of detuning of the loops to monitor the detectors operating frequency, optimally. Interferences from external systems or cross-talk are thereby easily detected and can be corrected, immediately. The individual diagnostic sequences can be stored, commented and sent to customers or colleagues for archiving or discussion. The diagnostic and service software is provided for the customers of the new detector free of charge.

[www.feig.de](http://www.feig.de)