

Train protection systems

The train protection system is fully modeled in the simulation computer.

The user interface is either on monitors (mouse or touch screen) or by the original equipment (some bus converters may be needed, max. CHF3000). The procurement of original equipment is the responsibility of the customer.

Train protection system already implemented are:

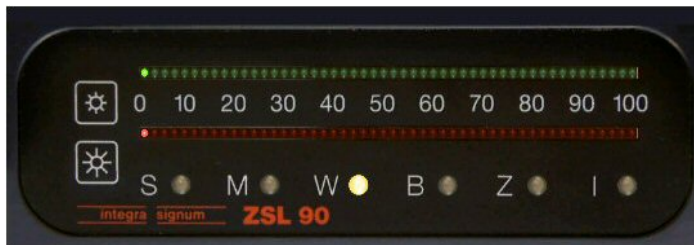
CH: Signum, ZSL90, ZSI127

D: PZB90

In 2009, the following train protection systems will be implemented:

CH: ZUB

I: ripetizione segnali, SCMT



Display of train protection ZSL90 of RBS and AAR reproduced on PC



Input device of train protection ZSL90 of RBS and AAR reproduced on PC (control by mouse or touch-screen)

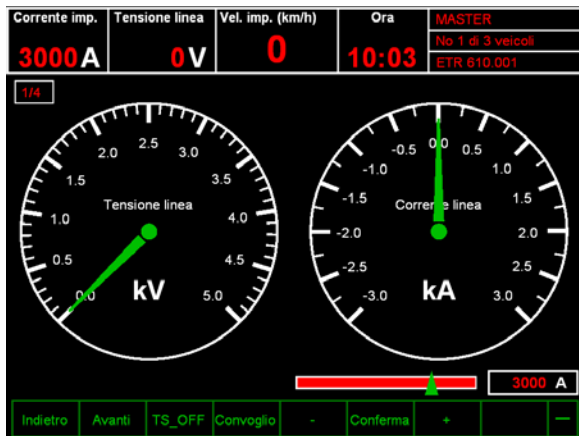


The same train protection system I/O devices with original equipment on the RAILplus simulator connected to PC via bus converters and RS232

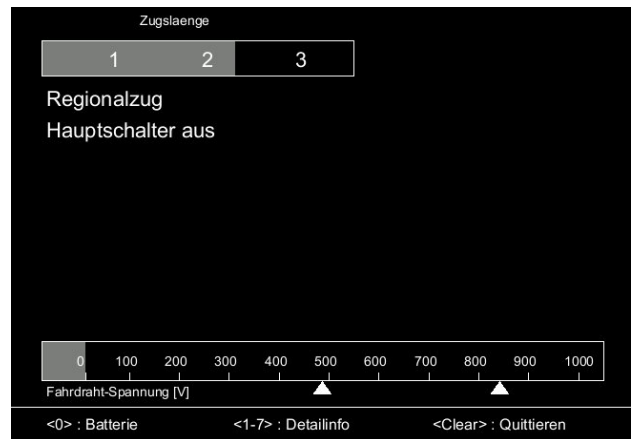
Display screens for diagnostics

The operation of display screens for diagnosis and display is incorporated on the computer simulation.

The control is via mouse, touch-screen, hardware buttons or PC keyboard.



Instruments monitor of Trenitalia low-floor train Minuetto reproduced on PC
Operation by mouse or touch-screen



Diagnosis monitor of RBS and AAR low-floor trains reproduced on PC
Operation by hardware buttons or PC keyboard