

WABCO SMARTBOARD



Enhanced Control For Safer Operation

The ability to monitor and operate a range of trailer functions and conditions is key to improve efficiency on the road and reduce fleet operational costs.

WABCO SmartBoard integrates a wide range of monitoring devices that previously had to be separately mounted into a “single box” multi-functional system.

Easy-to-access, easy-to-use, WABCO SmartBoard is available both in a standard and ADR version also for use with vehicles carrying dangerous goods.

WABCO Smartboard Operational Benefits

- Provides trailer functions operation and information in a single, logically configured system
- Installation flexibility with two mounting angles
- Standard and ADR versions covering a wide range of vehicles
- Simple user-friendly eight button control pad providing improved usability thanks to an intuitive menu structure and an icon oriented display
- Optical warning for safety-related functions with user-defined parameter settings
- Self-adapting display preferences based on usage patterns
- Trailer information including braking system error codes always available even if the trailer is uncoupled for driver and maintenance planning convenience
- Comes with 18 pre-programmed languages
- Compatible with WABCO Trailer EBS E (from version E4 onwards), iEBS and iABS
- Wide range of Intelligent Trailer Program functions accessible through SmartBoard if appropriate trailer equipment or sensors are installed

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TRAILER INFORMATION AND OPERATION PANEL

WABCO Smartboard Functions

MESSAGES

Diagnostic and system messages providing essential information about the operating status of trailer functions avoiding the need for workshop visits

LOAD MONITORING

Axle load data function displaying both load and overload information for accurate, efficient trailer loading and safe operations

LINING WEAR

Brake lining wear information – i.e. need to replace pads or not – enabling safe operations and preventing the need for expensive repairs

TIRE MONITORING

Detailed tire condition information, such as target and current tire pressures (requires WABCO's OptiTire Tire Pressure Monitoring System) to help keep tires operating at optimum efficiency and to reduce wear and maintenance costs

ADVANCED BRAKING FUNCTIONALITIES

Control of advanced braking functions such as Bounce Control, Finisher Brake or Brake Release supporting a wide range of application

AIR SUSPENSION

Operation of WABCO's chassis/lift axle lifting and lowering functions (e.g. OptiTurn, OptiLoad, Traction Help) with no need for an additional device for ECAS utilization

VEHICLE INCLINATION

Provides vehicle inclination degree (includes a warning threshold)

IMMOBILIZER

Entry function for locking and unlocking trailer brakes via PIN code locking system

MILEAGE COUNTER

Automatic mileage display through an independent and veritable mileage counting (even without EBS socket plugged)

ADDITIONAL FUNCTIONS

Extensive additional functions such as System Information and Operating Data Recorder (ODR) overview

FREE CONFIGURABLE SWITCHES

Programmable switches for specific on-demand functions (customized icons can be provided)

LANGUAGE

Easy switching between 18 pre-programmed languages

Intelligent Trailer Program Function Overview



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