

Truck Navigation Computer PC 5200 TSN

Product Information



2x 

 TMC
TRAFFIC MESSAGE CHANNEL

 INTEGRATED
GYROSCOPE

 2D/3D MAP
VIEW

 TRUCK
NAVIGATION

 CHANNEL
12
GPS

- Map-based route calculation with truck-specific restrictions **
- Display of truck-specific restriction signs in map **
- Detailed input for vehicle data (length/height/weight/hazardous goods)
- Truck specific Points of Interest (POIs), e.g. Trucker restaurants or rest stops, gas station with HPF
- Rest/travel time control
- Lightweight, compact and easy to install, with optional speedometer connection
- 2 SD Card slots for map software and travel guides
- Integrated RDS-TMC Receiver
- 2D/3D Map View including Auto-Zoom
- Tour Book for up to 10 separate tours with max. 40 waypoints each
- Infrared Remote Control
- Dynamic Navigation via TMC
- Wide range of destination input options:
 - Country, city, street
 - Junction, house number
 - Postal/ZIP code
 - Latitude/longitude

Vehicle type-specific navigation

Individual vehicle data is used to calculate the route and display the appropriate vehicle-specific restrictions on the map. **

Vehicle type definition

PC 5200 TSN allows the driver to configure the navigation system corresponding to the exact vehicle data. This makes it possible to adjust the settings for height/length/width, total weight, max. axle weight, use of trailer and semi trailer as well as the definition of the hazardous materials transported.

Tour Book for individual tour planning

Up to 10 independent tours with a maximum of 40 different waypoints each can be arranged individually. The route will be planned according to the tour book.

Easy Installation

Because the PC 5200 is compact and has a non-sensitive SD card slot, it can easily be tucked away in almost any vehicle. The turnable gyro makes it possible to mount the PC 5200 in practically any position, including upside down, depending on the individual installation situation. For added convenience, it is not necessary to connect the vehicle's speed signal. *

Travel Time monitoring

The PC 5200 TSN allows the driver to check travel times when guidance is active. Based on the current time (calculated via GPS), the estimated travel time, and the user-defined maximum travel time, the driver is warned when approaching the limit for uninterrupted or daily travel time.

Integrated RDS-TMC Receiver

Traffic information is available with the built-in TMC receiver. The additional functions this enables not only deliver better value for the price, but also make installing the unit even easier: since all you need is a connection to the FM antenna, the set comes with an FM window antenna.

Dynamic Navigation via TMC

The system is able to process traffic information, which is provided through its internal RDS-TMC receiver (Radio Data System - Traffic Message Channel). This traffic information is evaluated and included in the route calculation. The delta (travel time, distance) for the current route is shown and the driver can decide whether he wants to drive this new route or not.

2D/3D Map View incl. Auto-Zoom

The unit's special software makes it possible to display precise, smooth maps in either traditional 2D or the new 3D view. Auto zoom permits the system to choose from among three user-definable scales. Depending on the speed of the car, the map zoom can work automatically.

Wide range of destination input options

The wide range of destination input options makes it easy to find practically any destination. The input function is supported by "Intelligent Typewriter," which automatically shows only the necessary letters, making it much easier to choose the destination.

* Slightly reduced positioning accuracy possible. In extreme shadowed areas GPS reception may not be available. GPS aerial must be mounted intervisible to sky direction.

** Please note that the map material may not provide truck attributes in all regions/countries. Additional low-ranking roads are also not attributed. In this case, route calculation works without taking truck restrictions into account. The system displays an indicator of the attribution status.

Truck Navigation Computer PC 5200 TSN

Technical Information



Features

- Detailed vehicle settings
- Vehicle type-specific route calculation
- Vehicle-specific restriction signs displayed in map
- Truck-specific Points of Interest (POIs)
- Set-up, control and display of travel and rest times
- Setting for load/unload times
- Pictogram- and Voice Guidance
- Route Criteria:
 - Fast route
 - Short route
 - Prefer highways
 - Avoid highways
 - Avoid toll roads
 - Optimized for traffic situation
- Independent selection of 14 languages and 21 voices
- Dynamic Navigation
- Alternative Route Calculation (automatic, manual)
- Traffic Information (via integrated TMC Receiver)
 - Presentation on map
 - Traffic information on route
 - Detailed event information
 - Detour calculation
- 2D/3D Map View
- Colorful map presentation with adjustable scale (50 m ... 1,000 km)
- Address Book for 200 entries (categories: Home, Work, Business, Private)
- Tour Book: Up to 10 tours with maximum 40 waypoints each
- Recent Destinations: 20
- Selectable status information for four info status fields (time, date, travel distance, dynamic travel time, delay time, dynamic arrival time, altitude above sea level, current speed)
- Demo Mode

Technical Data

- Power Supply
 - 12 V DC, - at GND
 - Voltage Range: 10.5 V – 14.4 V at GND
 - Current Consumption: < 1 mA
- FM-RDS-TMC Band: 87.5 – 107.9 MHz
- GPS Band: 1.53 GHz
- RGB Output: Siemens VDO navigation configuration
- RGB C-Sync on 16-pin Mitsumi connector
- Storage Medium:
 - Secure Digital (SD) Card, max. 2 GB
- Sensors
 - 12-channel GPS receiver
 - Gyroscope
 - Speed signal interface (digital, analogue)
- Status LED
- Temperature range: -20° C ... +60° C
- Turnable Gyro
- Connections:
 - Video-Out / Monitor: RGB, CVBS (NTSC)
 - Audio: 1 x 5 Wpp @ 4 Ohms (external loudspeaker)
 - GPS Antenna (SMB)
 - FM Antenna (SMB)
 - ISO A & B Connector
- Dimensions (W x D x H): 132 x 120 x 37 mm (w/o connectors)

Package Content

- 1 x PC 5200 CMN/40
- Installation Material (4 screws, 2 x magic tape)
- 1 x Power Cable
- 1 x Signal Cable
- 1 x GPS Antenna
- 1 x Installation & User Manual
- 1 x Infrared Remote Control RC 5400 w/o batteries
- 1 x Installation Assistant DVD
- 1 x Quick Start Guide laminated and ready to file
- 1 x TMC Arial MA 6452 / 40
- 1 x SRT 5200/40
- 1 x Remote Control RCD 3200/01
- 1 x SD Card with truck-specific map data
- 1 x DVD with map data and languages files for back-up

Options¹

- FM Signal Splitter – MA 1452 DIN/40 or MA 1452 FKR/40
- Video components (e.g. TV Tuner, Reversing Camera)
- IR Steering Wheel Remote Control

Sales Packages

- **MS5200TFETSN**
PC 5200 TSN with MM 5300 5.8" Monitor
- **MS5200XLNTFETSN**
PC 5200 TSN with MM 5500 7" Monitor
- **MS6100TFETSN**
PC 5200 TSN with VRM 6100 1DIN-Moniceiver and 7" Slide-out Touchscreen Display

Other Available Monitors

- **MM 5600**
 - 6.5" TFT Slide-Out Monitor, 16:9 Format
 - 1DIN sized
 - RGB, PAL/NTSC
 - Integrated loudspeaker/infrared eye
 - Automatic Display Brightness Control
- **MM 5200**
 - 3.6" TFT Monitor, 16:9 Format
 - PAL/NTSC
 - Integrated Infrared Eye
 - Automatic Display Brightness Control
 - Detachable Screen

¹ Additional adapter cables required

www.VDODayton.com



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