

Colour Navigation Computer PC 5200

Product Information



- Easy installing due to a minimum of weight, dimensions and optional speed signal connection
- 2 SD Card Slots for map software and travel guides
- Integrated RDS-TMC Receiver
- 2D/3D Map View including Auto-Scale
- 3D Map View with Angle Adjustment and Panorama 3D View
- Tour Editor for up to 7 separate tours with max. 10 waypoints each
- Infrared Remote Control
- Dynamic Navigation incl. Individual Adaptation
- Extensive Destination Input Possibilities:
 - Country, City, Street
 - Junction, House Number
 - Postal/ZIP Code
 - Longitude/Latitude
- Points of Interest (POI) like gas and train stations, car park, cinema
- Travel Guides (e.g. Varta, Michelin)

Easy Installation

Related to the PC 5200's compact size and the non-sensitive SD card slot, it is easy to find some space in the car to hide it. Due to the turnable gyro, the PC 5200's mounting position is nearly free selectable depending on the integration situation - even upside down is feasible. For further convenience it is not required to connect the car's speed signal. *

Tour Editor

This new waypoint handling enables the user to enter up to 10 accumulated destinations for one single tour. In addition, one may store up to 7 different tours in a separate memory.

Secure Digital (SD) Card

The PC 5200's two SD card slots can both be used for maps and/or travel info products in parallel. For individual selection of maps/data, the user may use the "Installation Assistant" which comes along on a DVD-ROM to copy maps and data from this media onto a SD card.

Integrated RDS-TMC Receiver

Traffic information is available through the integration of a TMC Receiver. The resulting combination of functions is not only better value for money but simplifies the installation. It only requires the connection to the FM Antenna.

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

Through the special software, the precise and smooth map is viewable in the classic 2D or new 3D view. The automatic scale change lets the system select between 3 user definable scales. Depending

whether the car is located downtown, in a rural area or on a motorway, the scale changes automatically to the according value.

3D Map View incl. Angle Adjustment and Panorama 3D View

Thanks to the new angle adjustment functionality the PC 5200 allows to tilt the map in the following angles: 55°, 58°, 61° and 64°. Furthermore it is now possible to do free 360° scrolling in 3D Map View to get an overview on the surrounding area of the current position or destination.

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. It is possible to customize the system's behaviour for dynamic route planning.

Extensive Destination Input Possibilities

With the great number of input possibilities, virtually every destination can be found. The destination input is supported by the 'Intelligent Typewriter'. Only the alphabetic characters that are necessary will be presented automatically, making destination selection considerably simpler.

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

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Technical Information



Features

- Pictogram- and Voice Guidance
- Route Criteria:
 - Fast route
 - Short route
 - Prefer motorways
 - Avoid motorways
 - Avoid toll roads
 - Optimized for traffic situation
- Independent selection of 12 Languages and 21 Voices
- Dynamic Navigation
 - Consider Traffic Congestions
 - Adjustable Detour Preference
 - Adjustable Traffic Horizon
- Calculation Alternative Route (automatic, manual)
- Traffic Information (via integrated TMC Receiver)
 - Presentation on map
 - Cursor selection on map
 - Graphical Information (Distance to traffic jam, length of traffic jam, location etc.)
 - Traffic information on route
 - Detailed event information
 - Detour calculation
- 2D/3D Map View / Split Screen incl. Auto-Scale
- 3D Angle Adjustment
- Panorama 3D View
- Colourful map presentation with adjustable scale (50 m ... 1,000 km)
- 6 Colour Settings with day / night switch
- Address Book for min. 200 entries (categories: Home, Work, Business, Private)
- Tour Editor for up to 7 tours and 10 waypoints each
- Last Destinations: 20
- Via Points: 25
- Trip Computer:
 - Current / Average Speed
 - Travel Time / Distance (reset available)
 - Programmable Speed Warning
- Selectable status information for four info status lines (time, date, travel distance, dynamic travel time, delay time, dynamic arrival time, altitude above sea level, current speed)
- Speed Dependent Volume Control (SDVC)
- 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)

Options¹

- TMC Aerial – MA 6452/40
- FM Signal Splitter – MS 1452/40
- Video components (e.g. TV Tuner, Reversing Camera)
- IR Steering Wheel Remote Control

Package Content

- 1x PC 5200
- Installation Material (4 screws, 2x magic tape)
- 1x Power Cable
- 1x Signal Cable
- 1x GPS Antenna
- 1x Installation & User Manual
- 1x Infrared Remote Control RC 5400 w/o batteries
- 1x Installation Assistant DVD

Monitor Options

- **MM 5600**
 - 6,5" TFT Slide-Out Monitor, 16:9 Format
 - 1 DIN sized chassis
 - RGB, PAL/NTSC
 - Integrated loudspeaker/infrared eye
 - Automatic Display Brightness Control
- **MM 5500**
 - 7" TFT Monitor, 16:9 Format
 - RGB, PAL/NTSC
 - Integrated Loudspeaker/Infrared Eye
 - Automatic Display Brightness Control
- **MM 5300**
 - 5.8" TFT Monitor, 16:9 Format
 - RGB, PAL
 - Integrated Loudspeaker/Infrared Eye
 - Automatic Display Brightness Control
- **MM 5010** (available in black)
 - 5.8" TFT Monitor, 16:9 Format
 - 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
- **MM 2100**
 - 4" TFT Rearview Mirror Monitor, 4:3 format²
 - PAL/NTSC
 - Integrated Loudspeaker/Infrared Eye
 - Automatic Display Brightness Control

¹ Additional adaptor cables required

² Default setting for PC 52xx and higher = 16:9. Manual display adjustment necessary for 4:3 format (via navigation computer).

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