Car Multimedia Systems.

VDO*dayton

VDO Dayton. The Car Brand.

PC 5700/PC 5600
Monitor Navigation Computer

NAVIGATION COMPUTER
POWER · DVD ROM · TMC

POWER · NAVIGATION COMPUTER · TMC

C-IQ Intelligent Content on Demand

DVD ROM

TMC TRAFFIC MESSAGE CHANNEL
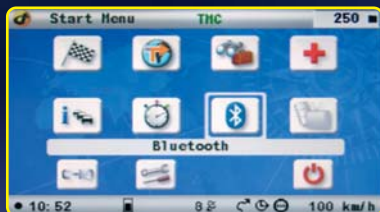
DVD-ROM Drive (PC 5600: CD-ROM)
Integrated RDS-TMC Receiver
2D/3D Map View
Dynamic Navigation incl. Individual Adaptation
Extensive Destination Input Possibilities:
Country, city, street junction, house number
Postal/ZIP Code
QXS – Quick Access Street Search
Longitude/latitude
Points of Interest (POI) like petrol and train stations,
car parks and cinemas
Travel guides (e.g. Varta, Michelin)*

Options
Video components (e.g. Radio Module, Reversing Camera)
Telephone connection (also via Bluetooth®)
Steering Wheel Remote Control

* On extra cost

PC 5700 / PC 5600
Monitor Navigation Computer

C-IQ Intelligent Content on Demand

Once C-IQ is activated, you benefit from a wide range of products including up to date road maps, travel guides and special country products. Along with wide coverage, road maps come with free traffic information (TMC) and up to 1.500.000 Points of Interest (POI). The C-IQ update service automatically sends you the latest road maps free of charge[1]. Activation takes just a few minutes anytime, anywhere. Navigation content can be chosen on a daily or monthly basis with time based payment.

DVD-ROM Drive (PC 5700)

With a storage capacity of 8.5 GB, the DVD has approx. 12x greater memory capability compared to a CD. Currently all available European street data is on the DVD and there is also an extensive travel guide, including picture material. The same navigation computer is also CD-ROM based available as PC5600. Maps for this type are split up on different Region-Discs.

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 a connection to the FM-Antenna.

2D/3D Map View

Through the special software, the precise and smooth map is viewable in the classic 2D or new 3D view. In the 3D view, additional Information, for example street numbers, sight seeing possibilities and traffic information, is blended into the horizon and removed from the foreground. You are able to chose up to 5 POI categories you'd like to see.

Dynamic Navigation via TMC

The system is able to process traffic information, which is provided through an integrated 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 the alternative 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.

[1] activation necessary

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*Mounting sleeve not included

Connections
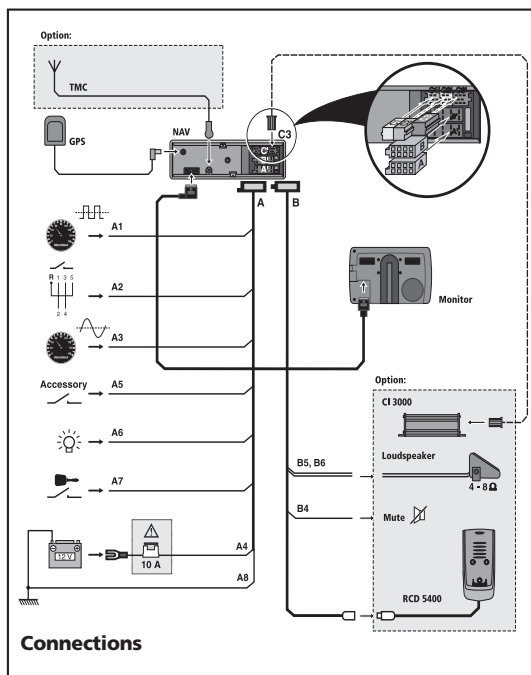
Features

- Pictogram- and Voice Guidance
- Route Criteria:
  - Fast route
  - Short route
  - Prefer / Avoid motorways
  - Avoid ferries / tunnels
  - Avoid toll roads
  - Optimized for traffic situation
- 9 Languages with 21 Voices
- Dynamic Navigation
  - Consider Traffic Congestions
  - Adjustable Detour Preference
  - Adjustable Traffic Horizon
- Calculation alternative Route (automatic, manual)
- Traffic Information (with TMC Receiver)
  - Presentation on Map
  - Cursor Selection on Map
  - Graphical Information (Distance to Traffic Jam, Lenght of Traffic Jam, Location etc.)
  - Traffic Information on Route
  - Detailed Event Information
  - Detour Calculation
- 2D/3D Map View / Split Screen
- 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)
- Last Destinations: 20
- Via Points: 25
- Trip Computer:
  - Current / average Speed
  - Travel time / distance (reset available)
  - Programmable speed warning

Features

- Selectable status information for three 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
- Blocking of disc eject possible

Technical Data

- Sensors
  - 12 channel GPS receiver
  - Gyroscope
  - Speed signal interface (digital, analogue)
- Status LEDs
- Temperature Range: -20° C ... +60° C
- Power Supply
  - 12 V DC, - at GND
  - Voltage Range: +9 V ... +16 V
  - Current Consumption: approx. 1 A
- Dimensions (w x h x d): DIN Housing, 180 x 51 x 160 mm
- Connections
  - Video-Out / Monitor: RGB, CVBS (NTSC)
  - Audio: Line-Out, 11 W / 8 Ohm (external loudspeaker)
  - RS 232 Interface
  - D2B interface (connection of system components)
  - GPS antenna (SMB)
  - FM antenna
  - ISO connector

Monitors

- **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[2]**
  - 5.8" TFT monitor, 16:9 format
  - RGB, PAL
  - Integrated loudspeaker/ infrared eye
  - Automatic display brightness control

- **MM 5010**
  - 5.8" TFT monitor, 16:9 format
  - RGB, PAL
  - Integrated loudspeaker/ infrared eye
  - Automatic display brightness control

- **MM 2100[3]**
  - 4" TFT rearview mirror monitor, 4:3 format
  - PAL / NTSC
  - Integrated loudspeaker/ infrared eye
  - Display brightness and volume control

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[2] Available from top 2006

[3] Default settings for PC 54XX and higher = 16:9. Manual display adjustment necessary for 4:3 format (via navigation computer)

www.vdodayton.com

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