

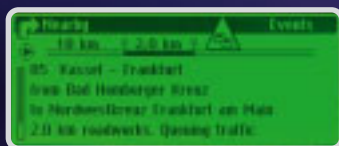
Car Multimedia Systems.

**VDO Dayton**

VDO Dayton. The Car Brand.

# MS 4300

Navigation Radio with MP3 CD-Player



**C-IQ Intelligent Content on Demand**

**Dual-RDS-Tuner for simultaneous Radio and TMC Reception**

**Route & Sound**

**4 x 55 Watt max. Power**

**Integrated Dynamic Navigation via TMC**

**Dynamic FM Station List**

**Active Antenna Supply**

**6 Preset Buttons**

**Detachable Flipdown Front**

## Options

**Digital CD MP3/WMA Changer CHM 604 MP3**

**IR Credit Card Remote Control RC 1104\***

**IR Steering Wheel Remote Control RCS 4000\***

**Connection to OEM Steering Wheel Remote Controls  
via Adapter Wire**

**Easy Adaption to Handsfree Kits (e.g.: CIX 3000 Blue)**

\* Requires additional IR Receiver CA 1106 + ACP 1100/01

# MS 4300

## Navigation Radio with MP3 CD-Player

### 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<sup>1</sup>. Activation takes just a few minutes anytime, anywhere. Navigation content can be chosen on a daily or monthly basis with time based payment.

### Convincing Sound Quality

With its 4 x 55 Watt MOS-FET amplifier, a 5 channel equalizer and 6 pre-defined sound styles the MS 4300 provides a convincing sound quality which leaves nothing more to desire.

### Enhanced Route and Sound with MP3 CD-Player

Route and Sound enables you to easily switch between different audio sources (CD, MP3, Changer) whilst being guided in a perfect manner via voice and pictogram to your destination. The Track Memory Function enables you to continue playing the last song. Address entry can be performed in a pre-loaded street corridor to avoid additional map CD usage. The large display allows for a comfortable browsing through an MP3 folder structure whilst displaying 6 folder names at the same time. A "Playlist" allows playing up to 99 individual songs out of e.g. MP3 CD.

### Dual-RDS-Tuner

Two integrated RDS-Tuner (Radio Data System) assure an optimal reception and radio performance. Your preferred radio program is always received with the best quality by silently switching to the strongest frequency of your listened radio program. A permanently refreshed station list displays all currently received FM stations.

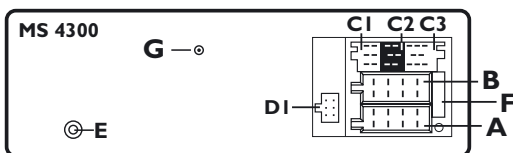
### Improved Navigation Performance

High resolution pictograms, value and distance-to-junction bar as well as legal speed limits provide a comprehensive optical guidance performance. With an optimized audible guidance covering turn-now advices on highways or roundabouts as well as linked advices in cities allow navigation in a perfect manner even without the need to watch the optical guidance on the display.

### 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.

<sup>1</sup> Activation necessary



### Connections

- A: ISO-connector block
- B: Loudspeakers (ISO)
- C1: Preamplifier Out
- C2: OEM steering wheel remote control connection via adaptor cable
- C3: CD-Changer
- D1: Tel.In / IR Receiver
- E: Aerial Plug (ISO)
- F: Fuse
- G: GPS Antenna (SMB)

### Options

- Digital CD MP3/WMA Changer CHM 604 MP3
- IR Credit Card Remote Control RC 1104<sup>1</sup>
- IR Steering Wheel Remote Control RCS 4000<sup>2</sup>
- Connection to OEM Steering Wheel Remote Controls via Adapter Wire
- Easy Adaption to Handsfree Kits (e.g.: CIX 3000 Blue)

### Audio

- MP3 and Audio Player
- CD audio playback during guidance (Route & Sound)
- Track Memory Function to continue playing last song when you are finished with the map CD
- Playlist with up to 99 tracks
- MP3
  - Display of directory name
  - Display of file name
  - Display of ID3-Tags
  - Bitrate: Maximum of 320kbit/sec, constant or variable
- Max. Power: 4 x 55 Watts
- Soft-Take-in CD insertion (Anti-scratch)
- CD Text
- CD-R/RW compatible
- 5 Channel Equalizer
- 6 Sound Presets
- Dynamic Loudness
- Speed dependent volume control

### Radio

- Dual-RDS-Tuner for simultaneous Radio and TMC Reception
- Digital RDS/TMC Tuner
- Dynamic FM Station List
- FM with RDS-EON-News-PTY
- MW, LW and SW

### Ergonomic and safety

- 6 Preset Buttons
- High Resolution Display (260 x 100 dot matrix)
- Detachable flipdown front as theft protection
- Display Dimming via software

### Navigation

- Radio/Navigation split screen
- Pictogram- and voice supported route guidance
- 9 languages with 20 voices
- Turn-now advices on highways and roundabouts (circumference greater than 150 m)
- Value and Distance-to-junction Bar
- Integrated Dynamic Navigation
  - Manual Detour Planning or
  - Dynamic Route Planning
- Route criteria
  - Fast Route
  - Short Route
  - Prefer Main Roads
  - Avoid Main Roads
  - Avoid Toll Roads
  - Avoid Ferry
  - Avoid Tunnel
- Calculation of alternative route
- Traffic information via TMC
  - Detailed information of the congestion source
  - TMC station list including automatic mode
  - Pay TMC<sup>3</sup>
  - Traffic information on route and sorted on actual position or on destination
  - Detour calculation incl. info on additional time and length
- Address book for min. 200 entries (categories: Home, Work, Business, Private)
- Last destinations: 20
- Trip Computer
  - Current/Average Top Speed
  - Travel Time/Distance
- Programmable Speed Warning
- Legal Speed Limit on current route section<sup>2</sup>

- 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<sup>3</sup> (e.g. Varta, Michelin)

### Technical Data

- RMS Power: 4 x 28 Watts at 10% THD (DIN 45324) and 14,4 V
- Sensors:
  - 12-Channel GPS Receiver
  - Gyroscope
  - Interface for Digital Speed Signal (optional)
- Temperature Range: -20° C ... +65° C
- Power Supply:
  - 12 V DC, – at GND
  - Voltage Range: 10,5V - 16V
  - Current Consumption: about 1 A - 10 A (about 0,01 A in off state)
  - Active Antenna Supply
- Dimensions (w x h x d): DIN-Housing, 180 x 51 x 160 mm

<sup>1</sup> Requires additional IR Receiver CA 1106 + ACP 1100/01

<sup>2</sup> Map/country dependent

<sup>3</sup> On extra cost

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