

**MAC
AUDIO**

MAC 520 DAB

17 cm / 6.8" Widescreen
Widescreen DAB+/Navigations-/
Multimedia-Receiver

**NAV
READY**

DAB+

NAV Ready:
Navigation possible
with separately available
Navigationskit
„MAC 500 NAV-SET“



 **Bluetooth®**

The logo for MAC AUDIO, featuring the word 'MAC' in a large, stylized, red font above the word 'AUDIO' in a smaller, red font. The logo is set against a white background with a grey border.

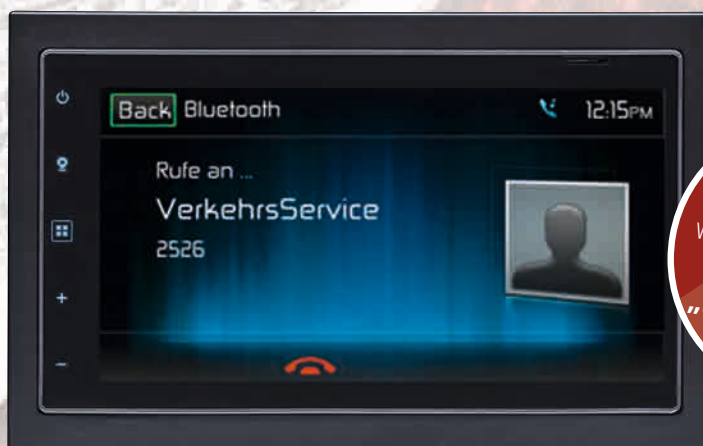
MAC 520 DAB

17 cm / 6.8" Widescreen

Widescreen DAB+/Navigations-/
Multimedia-Receiver

HIGHLIGHTS

- 17 cm/6.8" digital TFT monitor with LCD touch screen and LED backlight
- Multimedia audio/video decoder:
- MP3, AAC, WAV, WMA/MPEG1, MPEG2, MPEG4, H.264, AVI, FLV, JPEG, PNG, GIF
- NAV ready: Navigation possible with separately available navigation kit MAC 500 NAV-SET
- Bluetooth® hands-free operation with external microphone and audio streaming (A2DP/AVRCP)
- Automatic linking of up to 5 mobile phones
- DAB+ tuner with DAB/RDS switching
- FM/AM tuner with RDS function
- AF (Alternative frequencies), CT (Clock Time), EON (Enhanced Other Networks), PS (Programme Service), PTY (Programme Type), RT (Radio Text), TA (Traffic Announcements)
- 10-band equalizer
- Subwoofer Control
- Rear composite video output for connecting an additional monitor
- Rear USB 2.0 input with 500 mA charge current (32 GB max)
- Rear A/V composite input
- 5 line audio high level outputs 2V/200 ohms
- Video input for rear view camera (normal and opposite hand), automatic switch-on of rear camera mode
- Power output: 4 x 50 watts, total power output: 200 watts
- Freely programmable Steering Wheel Control (SWC) to be connected via optionally available adapter
- Display with dimming function (4 settings) and auto blackout function
- Windows 6.0 CE real-time operating system with intuitive user interface



NAV Ready:
Navigation possible
with separately available
Navigationskit
„MAC 500 NAV-SET“

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MAC 520 DAB

Video

- Input: 1 Vp-p (75 ohms)
- Format: PAL / NTSC (auto-detection)
- Output: 1 Vp-p (75 ohms)

MP3 / WMA

- Display of album picture (ID3-tag compatible)
- Directory search
- Playback of up to 20,000 MP3 and WMA files

DAB+ Tuner

- DAB-RDS switching (DAB-DAB/DAB-RDS/DAB-OFF/DAB-ALL)
- Supports DAB, DAB+ and DMB-A formats
- III (Europe): 174.928 MHz - 239.200 MHz (channel 5A - channel 13F)
- L-BAND (Europe): 1.452960 GHz - 1.490624 GHz (channel LA – channel LW)
- Sensitivity: -100 dBm (Band III) / -100 dBm (L-BAND)
- Alternate channel sensitivity: 40 dB
- 3 DAB bands
- Memorizes 30 DAB channels
- Broadcasting group search / Service search
- PTY search
- Auto Scan / Service Scan / automatic and manual search function
- TA (Traffic Announcements)
- Displays broadcasting group/station name and info
- DAB antenna included for optimum reception
- DAB antenna connection type: FAKRA

FM Tuner

- RDS (Radio Data System): AF (Alternative Frequencies), CT (Clock Time), EON (Enhanced Other Networks), PS (Programme Service), PTY (Programme Type), RT (Radio Text), TA (Traffic Announcements)
- Tuning range: 87.5 MHz – 108 MHz
- 18 station presets
- Auto stereo/mono
- Local/distance
- Mono sensitivity (-30 dB): 9 dBf
- Quieting sensitivity (-50 dB): 15 dBf
- Alternate channel sensitivity: 70 dB
- Signal to noise ratio at 1 kHz: 58 dB
- Frequency response: 30 Hz – 15 kHz, -3 dB

AM Tuner

- Tuning range: 522 kHz – 1,620 kHz
- 12 station presets

NAV Ready

- NAV ready: Navigation possible with separately available navigation kit MAC 500 NAV-SET
- Navigation Mix Mode
- GPS antenna connection type: FAKRA

Bluetooth®

- Hands-free operation with separate microphone
- Audio streaming
- Bluetooth module with AVRCP/A2DP profile

Monitor

- High Definition LCD Touch Screen with LED backlight
- Resolution: 1,152,000 sub pixels, 800x3 (W) x 480 (H)
- Screen size: 17 cm / (6.8")
- High-gloss front

Personal Color Adjustment

- 2 RGB light settings (keyboard / background illumination): Blue / Red

Wallpaper selection

- Settings: motor start / blue fog / green cubes / red curls / tribal

General

- Rear USB 2.0 input with 500 mA charge current (32 GB max)
- Rear auxiliary audio/video input (composite)
- Video input for rear view camera (normal and opposite hand)
- 5 line audio outputs: 2x front, 2x rear and subwoofer (2 V RMS / 200 ohms)
- Video output for TFT monitor
- SWC (Steering Wheel Control) connection via optionally available adapter (compatible with Dietz UNICAN (art. no. 66030) with cable (art. no. 66405), PAC (Pacific Accessory Corporation) SWI-PS with Metra ASWC Interface profile)
- 10-band equalizer
- Sub X-over frequencies 80 / 120 / 160 Hz
- Programmable volume control for each audio source
- Calibration mode for touch screen
- Power supply: 11 to 16 VDC, negative ground
- Switch output for active antenna (blue): 500 mA max, overcurrent protection
- Operating temperature: 0°C to 60°C
- Fuse: 15A Mini ATO
- DIN chassis dimensions: 178 x 100 x 162 mm
- Weight: 2.0 kg net (incl. cable all cable adapters and DAB+ antenna)
- Multi language OSD (German, English, French)
- Automatic switch-on of rear view camera mode (normal and opposite hand)
- Push to Talk function (voice control) for Android / iPhone mobiles
- Windows 6.0 CE real-time operating system

Power Ratings

- Total power output: 200 watts
- Power output: 4 x 50 watts
- Signal to noise ratio: 70 dBA below reference (reference: 1 watt, 4 ohms)
- Frequency response: 20 Hz – 20 kHz, -3 dB (AUX input used as reference input)