

**MAC
AUDIO**

MAC 310

1 DIN 17,8 cm/7" Widescreen
Multimedia-Receiver

**SWC
READY**

**5Phones
Pairing**

BLUETOOTH



 **Bluetooth®**

Made for
 iPod  iPhone

The logo for MAC AUDIO, featuring the word 'MAC' in a large, bold, red font above the word 'AUDIO' in a smaller, bold, red font. The text is set against a white background with a thin black border, all contained within a larger grey rounded rectangle.

**MAC
AUDIO**

MAC 310

**1 DIN 17,8 cm/7" Widescreen
Multimedia-Receiver**

HIGHLIGHTS

- High gloss front
- Extra thin display
- 17.8 cm/7" TFT monitor with touchscreen and LED backlight
- Multimedia DVD/CD/Xvid/MP3 player
- Bluetooth hands-free operation with separate microphone and audio streaming (A2DP/AVRCP)
- Linking of up to 5 different mobile phones
- Made for iPod/made for iPhone
- Media input (USB 2.0/3.5 mm A/V female connector) with 1.0 A charging rate
- 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)
- Programmable 3-Band equalizer with 6 preset and 1 user-defined equalizer curves
- Subwoofer control (level, X-over)
- Programmable volume control for all audio sources
- Composite A/V input on the back
- Composite video output on the back to connect an additional monitor
- 5 line audio outputs (2x front, 2x rear and subwoofer)
- Video input for rear view camera mode (normal and opposite hand), automatic switch-on of rear camera mode
- Power output: 4 x 40 watts, total power output: 160 watts
- Steering wheel control (SWC), connection via optionally available adapter
- Remote control
- Multi language OSD (German, English, French)

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MAC 310

DVD/CD-Player

- Compatible disc media: DVD +/- R/ +/- RW (single and dual layer) and CD-R/-RW
- Compatible media formats: CD-DA, MP3, WMA, VCD, SVCD, Xvid, AVI, MPEG 1/2
- Signal to noise ratio: >95 dBA
- Dynamic range: >95 dB
- Frequency response: 20 Hz to 20 kHz, -3 dB
- Channel separation: > 60 dB at 1 kHz
- D/A converter: high performance 24-bit/192 kHz sample rate, multi-bit sigma-delta modulator
- Screen formats: cinema, normal and off (standby)

Video

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

CD/MP3/WMA

- CD text compatible
- Display of album picture (ID3-tag compatible)
- Directory search (MP3/WMA only)
- Playback of self-made CDs/ DVD+R/RWs with up to 2000 MP3 and WMA files

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 – 107.9 MHz
- 18 station presets
- Auto stereo/mono
- Local/distance
- Mono sensitivity (-30 dB): 9 dBf
- Quieting sensitivity (-50 dB): 15 dBf
- Alternate channel selectivity: 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 – 1620 kHz
- 12 station presets

Bluetooth

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

Monitor

- Screen size: 17.8 cm/(7") LCD TS (Touch Screen) with LED backlight
- Screen type: high definition TFT monitor with LCD display (Liquid Crystal Display)
- Resolution: 1,152,000 sub pixels, 800 (W) x 480 (H)

General

- Audio/video playback with USB stick up to 32 GB
- Front 3.5 mm audio/video input
- Front USB 2.0 input with 1.0 A charging rate
- Video input for rear view camera (normal and opposite hand)
- 5 line audio outputs: 2x front, 2x rear and subwoofer (2V RMS/500-ohms)
- Video output for TFT monitor connection
- Steering Wheel Control (SWC), connection via optionally available adapter (compatible with Dietz UNICO DUAL PLUS (art.-no. 66040) with cable (art.-no. 66405), PAC (Pacific Accessory Corporation) SWI-PS with Metra ASWC interface profile)
- Programmable 3-Band tone control with 6 preset and 1 user-defined equalizer curves (adjustable bass, midrange and treble with 4 different mid frequencies and 4 different Q factors each)
- Sub X-over frequencies 80/120/160 Hz
- Programmable volume control for all audio sources
- Touchscreen calibration mode
- Power supply: 11 to 16 VDC, negative ground
- Power antenna (blue): 500 mA max, overcurrent protection
- Operating temperature: -20°C to 65°C
- Fuse: 15A mini ATO
- DIN chassis dimensions: 178 x 178 x 50 mm (7" x 7" x 2")
- Weight: 2.15 kg net (incl. cable adapter)
- Multi language OSD (German, English, French)
- Made for iPod/made for iPhone
- Automatic switch-on of rear view camera mode (normal & opposite hand)

Power Ratings

- Total power output: 160 watts
- Power output: 4 x 40 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)

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