



Philips CarStudio
Car audio system

Bluetooth
For iPod & iPhone
USB

CarStudio

CEM5100

Experience live music in car

Obsessed with sound

Enjoy multiple source music in your car with the Philips CEM5100. Stay connected to your music on your mobile & important calls, thanks to the built-in Bluetooth® receiver. Also features anti-theft detachable front panels for security.

Enjoy superior sound

- MAX Sound for instant power boost
- Music Zone for adjustable sweet spots
- Dynamic Bass Boost electronically enhances the low tones
- 3-band parametric equalizer with 8 presets
- Super anti-shock protection for smooth music enjoyment
- Built-in 50W x 4 amplifiers for excellent sound quality

Design that blends into your car

- High contrast LCD for perfect viewing
- Detachable front panel and blackout for anti-theft security

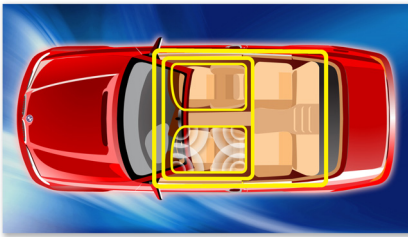
Easy to use

- Play and charge your iPod/iPhone simultaneously
- Built-in Bluetooth receiver for call and music streaming
- USB Direct and SDHC card slots for MP3/WMA playback
- CD player and MP3 Link for music playback

PHILIPS

Highlights

Music Zone



Philips' innovative Music Zone technology lets the driver and the passengers enjoy their music with more vivid spatial effect, just as the artist intended it to be heard. Users can easily switch the music listening zones from the driver to the passengers and back again to get the best sonic focus in the car. A dedicated zone control button provides three pre-defined settings - Left, Right and Front (and All) - so you can best match your listening needs easily and dynamically alone or with your passengers.

DBB Dynamic Bass Boost



Activate the Dynamic Bass Boost (DBB), and the low-end bass frequencies are electronically

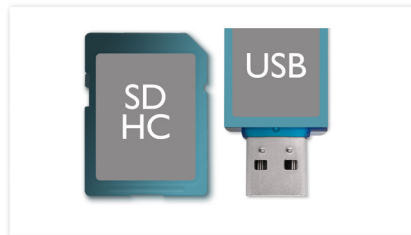
enhanced to achieve consistent sound reproduction, especially when the speaker volume is set at a low level. You hear impressive bass at all times.

Built-in Bluetooth receiver



The Bluetooth hands-free feature lets you use your mobile phone safely while driving and you don't have to miss any important calls. With the built-in Bluetooth® receiver, you can also conveniently stream your music files from your phone to your car entertainment system.

USB Direct and SDHC card slots



Thanks to the complete file transferability, you can easily enjoy the convenience and fun of

accessing more digital music via the built-in USB Direct and SDHC card slots.

MAX Sound



MAX Sound technology produces an instant boost in bass and treble, maximizing volume performance and instantly creating the most impressive listening experience with just the touch of a button. Its sophisticated electronic circuitry calibrates existing sound and volume settings, instantly boosting bass, treble and volume beyond original maximum levels without distortion. The end result is a noticeable amplifying of both sound spectrum and volume and a potent audio boost that will add mileage to any music.



Specifications

iPod compatibility

- Compatible with: iPod, iPod classic, iPod nano, iPod touch

iPhone compatibility

- Compatible with: iPhone, iPhone 3G, iPhone 3GS, iPhone 4

Display

- Type: High contrast color LCD (11 characters)
- Key illumination: White
- Diffused light in disc slot: 32,000 colors selectable

Playback media

- Disc: CD, CD-R, CD-RW, MP3-CD, WMA-CD, WMA
- USB flash drive
- SD/SDHC card
- MP3 Link: for portable MP3 music playback
- Music devices via Rear Aux
- Bluetooth streaming music
- Music from iPod/iPhone

Audio Playback

- Compression format: MP3, WMA
- Disc Playback Modes: Fast Forward/Backward, Next/Previous Album Search, Next/Previous Track Search
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 32-320kbps and variable bit rate
- USB Direct / SD Modes: Play/Pause, Fast Backward/Fast Forward, Previous/Next, Repeat, Shuffle

Tuner/Reception/Transmission

- Tuner Bands: AM, FM Stereo
- Auto digital tuning
- Tuner Enhancements: Auto search and store
- No. of preset stations: 18(FM), 12(AM)
- RDS: Station Name, Program Type, News &

Traffic, Auto-frequency

Sound

- Equalizer: 3-bands
- Equalizer settings: Classic, Jazz, Pop, Rock, Flat, Optimal, Techno, User defined
- Sound Enhancement: Dynamic Bass Boost, MAX Sound, Music zone
- Output power (MAX): 50Wx4 channels (MOSFET)
- Output power (RMS): 24Wx4 channels (4 ohms, 10% T.H.D.)

Connectivity

- Microphone: Built-in microphone
- Preamp output: 2 pairs RCA(L/R)
- Sub-woofer preamp output: with gain control
- Rear Aux input
- Hard-wired audio mute
- Hard-wired remote input

Security/Anti-theft

- Front panel: Detachable & flip-down
- Display blackout: 10/20 sec selectable

Accessories

- Remote control: Slim remote with battery
- User Manual: Brazilian Portuguese, English, Spanish, Simplified Chinese, Traditional Chinese
- Quick start guide: Brazilian Portuguese, English, Spanish, Chinese

Power

- Power supply: 12V DC

Dimensions

- Product dimensions (W x H x D): 188 x 58 x 190 mm
- Chassis: 1 Din



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