

Philips CarStudio  
Car audio system

- For iPod & iPhone
- USB
- CD

CarStudio



CEM3100



# Experience live music in car

## Obsessed with sound

Enjoy music from your iPhone/iPod, CD or USB devices out loud with the Philips car audio system. Treat your ear to powerful bass with MAX Sound, and your eye to the variable color LCD display for a personalized backlight color.

### 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 with 32K variable color illuminations
- Detachable front panel and blackout for anti-theft security

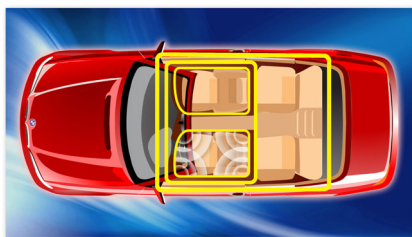
### Easy to use

- Play and charge your iPod/iPhone simultaneously
- Enjoy MP3/WMA music directly from your portable USB drives
- CD player and MP3 Link for music playback
- Browse by folder or song for instant search or quick access

# 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

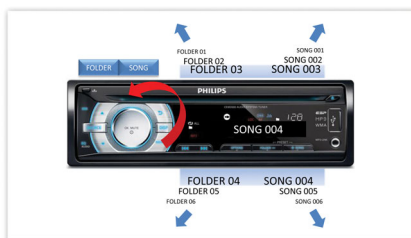
reproduction, especially when the speaker volume is set at a low level. You hear impressive bass at all times.

## USB Direct for MP3/WMA music



Simply plug in your device to the USB port on your Philips Hi-Fi system. Your digital music will be played directly from the device. Now you can share your favorite moments with family and friends.

## Browse by folder or song



This function allows you to find a track or album much faster by letting you browse through songs and folders, which are the usual contents of USB/SDHC devices. With the dedicated folder/song button, only three

simple steps are needed to make a search – press folder/song, rotate the volume knob and push to select. This simple process lets you search through your music quickly and easily, letting you to focus on your driving.

## 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
- MP3 Link: for portable MP3 music playback
- Music devices via Rear Aux
- 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 Modes: Play/Pause, Previous/Next, Fast Backward/Fast Forward, 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: MAX Sound, Dynamic Bass Boost, Music zone
- Output power (MAX): 50Wx4 channels
- Output power (RMS): 24Wx4 channels (4 ohms, 10% T.H.D.)

## Connectivity

- 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
- 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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