



Philips CarStudio  
Car media docking system

Dock for iPod/iPhone

**CarStudio**



**CMD310**

## Dock it on your dash

with free iPhone app for optimised in-car use

Take the wheel with this Philips In-car entertainment system, which works seamlessly with your iPhone/iPod. Charge your device on the dashboard, control what you play with a free app and answer calls hands-free, whether the phone is docked or not.

### Bring out the best in your iPhone/iPod

- Simply dock to charge and use your iPhone/iPod fully
- Free Philips CarStudio app for control of what you play
- Built-in Bluetooth for hands-free calls and music on speakers
- Play songs from iPhone/iPod for favourites on the road
- Portrait and landscape modes for full viewing flexibility

### Easy to use

- Retractable dock for a neat and sleek dashboard
- USB Direct for MP3/WMA music playback
- Audio out for amplifier addition
- Audio/MP3 in for portable music playback

### Enjoy superior sound

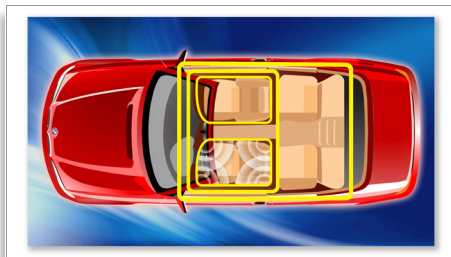
- Noise cancellation technology for clearer hands-free calls
- MAX Sound for instant power boost
- Music Zone for adjustable sweet spots



**PHILIPS**  
sense and simplicity

# 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.

## MAX Sound



MAX Sound technology produces an instant boost in bass and treble, maximising 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 the original maximum levels without distortion. The end result is a noticeable amplification of both sound spectrum and volume and a potent audio boost that will add mileage to any music.

## Dock and charge your iPhone/iPod

Make your drive easier with the Philips in-car entertainment system. All you have to do is

dock to transform your iPhone or iPod into a part of your car's audio system. Troublesome connections and unsightly wires are all a thing of the past. Simply put your Apple device on the cradle and you're ready to charge and play from it, and to make hands-free calls. You can even use the other functions that are available on your device – like navigation systems and location services. Take the easier route with Philips.

## Built-in Bluetooth



Stay in continuous control with the Philips in-car system. Built-in Bluetooth lets you connect your iPhone to your car's audio system so you can make or take phone calls hands-free, using the built-in microphone and the car's speakers. It also lets you listen to all the music on your iPhone on your car's speakers, without even having to dock your device. A stable connection and great sound quality ensure phone calls that are always clear. Philips lets you keep your eyes on the road, and your hands on the wheel – giving you a safer and more enjoyable drive.

## Free Philips CarStudio app



The Philips CarStudio app brings a myriad of unique features to Philips docking stations. It

lets you make hands-free calls with your iPhone, browse through your music collection and share what you are listening to with friends via Facebook and Twitter. When the iPhone or iPod is in landscape mode, the control buttons enlarge for easy access. Add on an interface that is simply intuitive, and you'll find the app perfect for in-car use. Completely free, the app is available for download at the Apple App Store.

## Play songs from iPhone/iPod

Play songs from iPhone/iPod for favourites on the road

## Portrait and landscape modes

Portrait and landscape modes for full viewing flexibility

## Retractable dock



Keep your dashboard tidy with the Philips retractable dock. When you want to have your car looking spick and span, you can hide the dock completely with one quick push. Ingenious engineering and design allow the dock to be completely retracted, leaving behind a clean and smooth surface. Philips in-car entertainment systems put simplicity into high gear.

# Specifications

## Display

- Type: High contrast B/W LCD
- Key illumination: White

## Playback media

- Music from iPod/iPhone
- USB flash drive
- Bluetooth streaming music

## Audio Playback

- Playback Media: USB flash drive
- Compression format: MP3, WMA
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 32-320 kbps and variable bit rate
- USB Direct Modes: Play/Pause, Previous/Next, Fast Reverse/Fast Forward, Repeat, Shuffle
- Playback mode: Charging iPod/iPhone

## 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, Programme Type, News and 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

- Output power (MAX): 50 W x 4 channels
- Output power (RMS): 24 W x 4 channels (4 ohms, 10% T.H.D.)

## Connectivity

- MP3-Link: For portable MP3 music playback
- Preamp output: 2 pairs RCA(L/R)
- Bluetooth profiles: A2DP, AVRCP, HFP
- Bluetooth version: 2.1
- Bluetooth range: line of sight, 8 m

## iPhone compatibility

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

## iPod compatibility

- Compatible with: iPod touch

## Security/Anti-theft

- Display blackout: 10/20 sec selectable

## Accessories

- Remote control: Not included
- User Manual: English, Spanish
- Quick start guide: English, Spanish

## Power

- Power supply: 12 V DC

## Dimensions

- Product dimensions (W x H x D):  
188 x 58 x 140 mm
- Chassis: 1 Din



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