



Philips
Car audio video system

17.8 cm (7") WVGA touch screen

Bluetooth



CED780



Experience live music with video in car

Obsessed with sound

Philips CED780 features a 17.8 cm/7" full color display for video & photo playback is for ultimate entertainment in your car. Also enjoy movies & music from multiple sources and never miss a call, thanks to its built-in Bluetooth® receiver.

Enjoy superior sound

- FullSound to bring your MP3 music to life
- MAX Sound for instant power boost
- Music Zone for adjustable sweet spots
- 11-band parametric equalizer to suit your taste
- Super anti-shock protection for smooth music enjoyment

Design that blends into your car

- High resolution display with WVGA LCD panel
- Perfect-fit 1.0 DIN chassis design
- Detachable face for anti-theft security

Easy to use

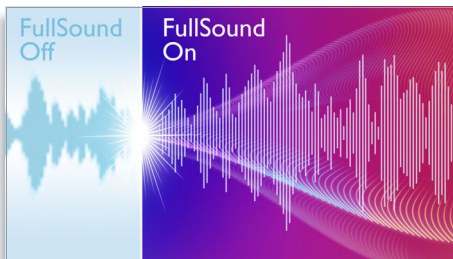
- Play DVD, DVD+/-R, DVD+/-RW, (S)VCD, DivX® and MPEG4 movies
- USB Direct and SDHC card slots for MP3/WMA playback
- Built-in Bluetooth receiver for call and music streaming
- Audio out for amplifier addition



PHILIPS
sense and simplicity

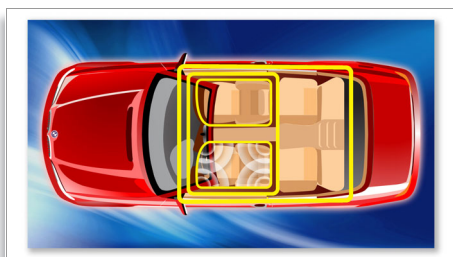
Highlights

FullSound



Philips' innovative FullSound technology faithfully restores sonic details to compressed MP3 music, dramatically enriching and enhancing it, so you can experience truly immersive music without any distortion. Based on an audio post-processing algorithm, FullSound combines Philips' renowned expertise in music reproduction with the power of the latest generation Digital Signal Processor. The result is fuller bass with more depth & impact, boosted voice and instrument clarity, and rich detail. Rediscover your compressed MP3 music in true-to-life sound that will touch your soul and move your feet.

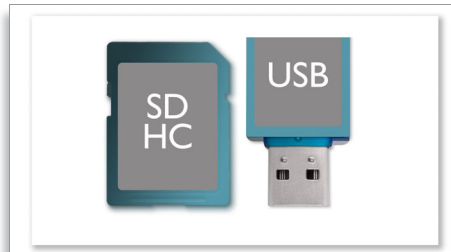
Music Zone



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.

USB Direct and SDHC card slots

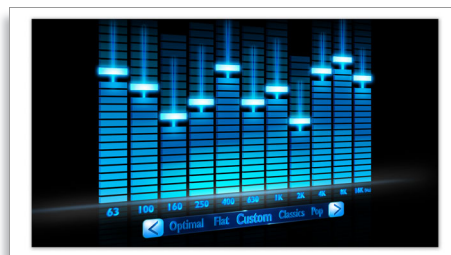


Thanks to the complete file transferability, you can easily enjoy the convenience and fun of accessing more digital music via the built-in USB Direct and SDHC card slots.

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.

11-band parametric equalizer



This parametric equalizer provides 11 different frequency bands (63Hz, 100Hz, 160Hz, 250Hz, 400Hz, 630Hz, 1KHz, 2KHz, 4KHz, 8KHz and

16KHz), giving you the freedom to adjust bass, midrange and treble to suit the acoustics of your car. What's more, the equalizer allows you to save your favorite equalization settings, and to recall them easily. With Philips, you will always enjoy fabulous in-car sound the way you want it, anytime you want it.

Detachable face



This Philips In-car entertainment system gives you added peace of mind. The front panel detaches with the push of a button, so that you can hide it or carry it along with you. The result is a head unit that resembles a basic one, leaving your car less prone to break-ins by thieves. Now you can leave your car with greater confidence, wherever you might be.

High resolution display

Philips CarStudio In-car AV system with high resolution display features a WVGA (800x480 pixels) LCD panel. Clear and bright, the display gives the sharpest view of the smart user interface and of video playback from various multimedia sources, including DVD. It is also great for watching slideshows of your favorite photos. A selection of different backgrounds and color themes is provided, letting you create better ambience in your car.

Specifications

Picture/Display

- Display screen type: LCD TFT
- Diagonal screen size: 7"
- Aspect ratio: Widescreen
- Key illumination: White
- Diffused light in disc slot: variable colors (32K)

Playback media

- Disc: DVD, DVD+/-R, DVD+/-RW, (S)VCD, CD, CD-R, CD-RW, MP3-CD, WMA-CD, WMA
- Music from iPod/iPhone
- SD/SDHC card
- USB flash drive
- AV-IN: for portable audio/video playback devices

Audio Playback

- Compression format: Dolby Digital, 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

Video Playback

- Playback Media: DVD, DVD-R/-RW, DVD+R/-RW, DVD+RW, Video CD, SVCD, Picture CD, DivX
- Disc Playback Modes: A-B Repeat, Angle, Chapter repeat, Disc Menu, Fast Backward, Fast Forward, OSD, PBC, Repeat, Resume Playback from Stop, Search forward/reverse, Slow Backward, Slow Forward, Still Picture, Zoom
- Video disc playback system: NTSC, PAL
- USB Direct Playback: JPEG, DivX, MPEG4 (Simple profile)

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)

Sound

- Equalizer: 11-bands

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

Connectivity

- Video input: CVBS Video (RCA) 1x
- Video Output - Analog: Composite video out
- Preamp output: 2 pairs RCA(L/R), (4V)
- Sub-woofer preamp output: With gain control
- Bluetooth profiles: A2DP, AVRCP, HFP, OPP, PBAP
- Bluetooth range: line of sight, 8m
- Bluetooth version: 2.1
- Steering wheel remote control: (third party adaptor required)
- Navigation ready: (optional GPS kit required)

Accessories

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

Power

- Power supply: 12V DC

Dimensions

- Product dimensions (W x H x D): 188 x 58 x 245 mm
- Chassis: 1 Din

iPhone compatibility

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

iPod compatibility

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



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Version: 1.0.2

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