



Philips
DVD Micro Theater

HDMI
2.1
moving speaker



MCD728

Surround Sound you can see and feel

The Philips MCD 728 DVD Micro Theater will engage your senses with Moving Speakers, powered by Dolby Virtual Speaker. See and feel 5.1 Surround Sound effects from motorized bullet speakers on this chic and powerful sound system.

Impressive sound

- Philips Moving Surround Sound for a superb sound experience
- Motorized metal bullet speaker heads radiate powerful sound
- Class 'D' digital amplifier for quality sound performance
- 2.1 system with 400W RMS total power output

Enrich your movie experience

- Dolby Virtual Speaker for theater audio experience
- HDMI 1080i with high definition video upscaling
- Play DVD, DivX®, (S)VCD, MP3-CD, WMA-CD, CD(RW) & Picture CD
- 12-bit/108MHz video processing for sharp and natural images
- Progressive Scan component video for optimized image quality
- Dolby Digital for ultimate movie experience

Design that blends into your interior

- High-end component design with stand
- Black high-gloss speakers for premium look and feel

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Highlights

Moving Surround Sound

Powered by Dolby Virtual Speaker technology, Moving Surround Sound expands and enriches the audio and video experience by adding a 'visual' dimension. Listeners can now appreciate an immersive surround sound experience that they can also 'see' with the moving. Essentially, both the top speaker and the metal bullet speaker heads are motorized so they actually 'move' together to recreate a surround sound experience. The combination of the moving speakers create the 'sound beaming' effect towards the listener effectively widens the sound stage and the sides of the room.

Class 'D' Amplifier

Class 'D' Digital Amplifier takes an analog signal, converts it into a digital signal and then amplifies the signal digitally. The signal then enters a demodulation filter to give the final output. The amplified digital output delivers all the advantages of digital audio, including improved sound quality. In addition, Class 'D' Digital Amplifier has greater than 90%

efficiency compared to traditional AB amplifiers. This high efficiency translates into a powerful amplifier with a small footprint.

Dolby Virtual Speaker

Dolby Virtual Speaker is a sophisticated audio virtualization technology that produces rich and immersive surround sound from a two-speaker system. Highly advanced spatial algorithms faithfully replicate the sonic characteristics that occur in an ideal 5.1-channel environment. DVD playback is enhanced by expanding the 2-channel environment. When combined with Dolby Pro Logic II processing, any high quality stereo source is transformed into true-to-life, multi-channel surround sound. No need to purchase extra speakers, wires or speaker stands to appreciate room-filling sound.

12-bit/108MHz video processing

12-bit Video DAC is a superior Digital-to-Analogue-Converter that preserves every detail of the authentic picture quality. It shows subtle shades and smoother graduation of

colors, resulting in a more vibrant and natural picture. The limitation of the usual 10bit DAC become in particular apparent while using large screens and projectors.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Dolby Digital

Because Dolby Digital, the world's leading digital multi-channel audio standards, make use of the way the human ear naturally processes sound, you experience superb quality surround sound audio with realistic spatial cues.



Specifications

Picture/Display

- D/A converter: 12bit, 108MHz
- Picture enhancement: High Def (720p, 1080i), Video upsampling, Video upscaling

Still Picture Playback

- Picture Compression Format: JPEG
- Picture Enhancement: Slideshow with MP3 playback
- Playback Media: Picture CD

Sound

- Output Power: Total 400W RMS
- Sound Enhancement: Class "D" Digital Amplifier, Digital Sound Control 4 modes, Dynamic Bass Boost, Loudness
- Sound System: Dolby Virtual speaker, Dolby Digital

Loudspeakers

- Main Speaker: Speaker grilles detachable, 3x3" bullet full range
- Subwoofer driver: 8" woofer
- Subwoofer type: Passive

Video Playback

- Playback Media: DivX, DVD+RW, DVD-Video, Picture CD, Video CD/SVCD
- Disc Playback Modes: A-B Repeat, Angle, PBC, Zoom, Parental control, Disc Menu, Fast Backward, Fast Forward, OSD, Slow Backward, Slow Forward
- DVD Region.: 2
- Video Enhancement: Progressive Scan

Audio Playback

- Playback Media: WMA-CD, MP3-CD, CD, CD-R, CD-RW
- Disc Playback Modes: 20-Track Programmable, Repeat/one/all/program, Shuffle Play
- Loader Type: Motorised, Tray

Tuner/Reception/Transmission

- Tuner Bands: FM Stereo
- Auto digital tuning

- Station presets: 20
- RDS: Program Type, Radio Text, RDS Clock Set, Station Name
- Tuner Enhancements: Auto Store

Connectivity

- Video Output - Analog: Composite CVBS (yellow cinch), S-Video (on Hosiden), SCART, Component Y Pb Pr (cinch)
- Other connections: Digital audio coaxial out, Digital optical out, FM Antenna, Line out, Subwoofer out, HDMI out
- Audio Connections: Analogue Audio In (L/R), Analogue Audio Out (L/R)

Convenience

- Alarms: CD Alarm, Sleep timer, Radio Alarm
- Clock: On main display
- OSD Languages: English, French, Spanish, Dutch, German, Italian, Portuguese, Swedish, Turkish
- Display Type: VFD display
- Eco Power Standby: 1 watt
- Indications: DIM mode

Accessories

- Included accessories: Composite video cable (Y), Control cable, World Wide Warranty leaflet, FM antenna
- Remote control: 47-key with 2xAAA batteries
- User Manual: 16 languages
- Quick start guide: English, German, Dutch, French, Spanish, Italian

Power

- Power supply: 220-240V, 50Hz

Dimensions

- Main speaker dimensions (W x H x D): 150 x 323 x 150 mm
- Set dimensions (W x H x D): 240 x 160 x 230 mm
- Subwoofer dimensions (W x H x D): 430 x 262 x 292 mm
- Packaging dimensions (W x H x D): 740 x 496 x 354 mm
- Weight incl. Packaging: 20.5 kg



Issue date 2014-02-06

Version: 4.0.6

12 NC: 8670 000 30866
EAN: 87 12581 34111 4

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