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HMP2000

Question? Contact Philips

User manual

PHILIPS

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1 Trademark notice

HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

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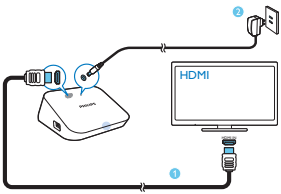
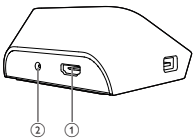
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

2 Basics

Connect



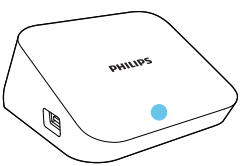


① **HDMI connector for audio/ video output**
- Connects to a high-definition TV (HDTV) through an HDMI cable

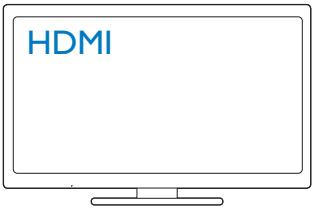
② **Power connector**
- Connects to power supply through the AC/DC adapter

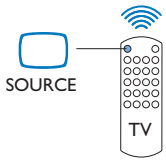
Switch on or off

1 On **HMP2000**, press ⏻ on the remote control to switch on.
↳ The power indicator lights up white.



2 On the TV, switch to the input channel of **HMP2000**:
- On the remote control of your TV, use the source button to select the input channel of **HMP2000**.





3 To switch **HMP2000** to standby mode, press ⏻ again on the remote control.
↳ The power indicator lights up red.

Auto standby

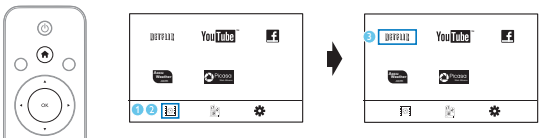
From the Home screen, switch on **[Automatic Standby]**in**[Setup]** > **[System]**.
If there is no button press or media play on **HMP2000** for 15 minutes, **HMP2000** switches to standby mode automatically except when:

- You enter text on the onscreen keyboard.

Screen saver

From the Home screen, go to**[Setup]** > **[System]** to switch on **[Screen Saver Delay]**.
If there is no button press or media play on **HMP2000** for a selected time duration, the screen saver is activated. To exit the screen saver, press any button on the remote control.

Navigate on the Home screen



1 On the remote control, press ⌂ to go to the Home screen.
↳ On the Home screen, you can find the following menus:

: Online services
: Connected storage devices, such as a USB storage device
⚙ : Setup menu

2 Select a menu:

① **If necessary, press ▼.**
↳ Current menu is highlighted.

② **On the remote control, press ◀ or ▶ to select a menu.**
↳ Options in the menu are displayed.

3 Select an option in the menu:

① **Press ▲.**
↳ Current option is highlighted.

② **Press ◀ or ▶ and OK.**

Use the remote control

Switch HMP2000 on or to standby mode

- Press ⏻

Navigate between screens or through options

⌂

- Return to the Home screen
- Navigate through options

OK

- Confirm the option

↩

- Back one level or exit (except in some online services)

View options menu for media play or file navigation

- Press **OPTIONS**

Connect toNETFLIX (online video service)

- Press NETFLIX

Control the play

▶II

- Start, pause, or resume the play

■

- Stop the play

I◀ / ▶I

- Skip to the previous/ next media file

◀◀ / ▶▶

- Search backwards or forwards within current file
- Press repeatedly to select a search speed

▲ / ▼

- Rotate a photo

- Display the information about current file during play

SUBTITLE

- Access subtitle options

Remove the connected USB device safely

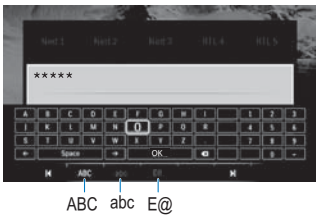
- Press and hold ■ and select the option

Manage files/folders underon the connected storage devices

- Press **EDIT**

Enter text

With the onscreen keyboard, use the remote control to enter text.



Select input modes

- Press I◀ / ▶I on the remote control.
  - ↳ On the onscreen keyboard, current input mode is highlighted.

    ABC : English input in upper case
    abc : English input in low case
    E@ : symbols

Enter text

1 On the remote control, press ▲▼◀▶ to move to a key, press **OK** to select the letter or symbol.

2 On the onscreen keyboard, select the input options by using the remote control:
← / → : Move the cursor to the left or right.
⌫ : Delete the entry before the cursor.

3 When the text entry is complete, select **OK** on the onscreen keyboard to exit.

3 First-time setup

The first time you use **HMP2000**, do the following setup:

- In **[Menu Language]**, select the menu language on **HMP2000**;
- In **[Wireless]**, connect **HMP2000** to your home network through Wi-Fi.

To exit the setup screen,

- On the remote control, press ⌂.
  ↳ You enter the Home screen.

To change your setup options,

- From the Home screen, go to ⚙ **[Setup]**.

Connect to the Internet through Wi-Fi

Connect **HMP2000** to a wireless router (Access Point). You can connect **HMP2000** to the network that is built around the router.
To connect to the Internet, make sure that the router connects to the Internet directly and no dial-up is required on the computer.

1 The first time you connect **HMP2000** to power, select **[Wireless]** on the first-time setup page.
  ↳ A pop-up screen is displayed for you to select connection options.

2 On the pop-up screen, select **[Scan Wi-Fi (Recommended)]**.
  ↳ You can find a list of networks in range.
  - To refresh the list of networks, press **EDIT** on the remote control.

3 Select your network.

4 Select your connection option: **PIN**, **PBC**, or **[Standard]**.
  ↳ A message is displayed when the connection is complete.

↳ Next time you switch on **HMP2000**, **HMP2000** connects to the previously connected network automatically.

Note

- If MAC address filtering is enabled on your router, add the MAC address of **HMP2000** to the list of allowed devices. To find the MAC address, go to ⚙ > **[Wireless (WiFi)]**> **[Network Info]** from the Home screen.

Tip

- If you have disabled SSID broadcasting or hidden the Service Set Identifier (SSID) of the router, manually enter the SSID and password of the network. Go to **[Wireless (WiFi)]** andselect **[Manual (Advanced)]**.

One-touch Wi-Fi Protected Setup (WPS)

HMP2000 supports Wi-Fi Protected Setup(WPS). You can quickly and securely connect **HMP2000** to a wireless router that also supports the WPS.
You can select one of the two setup methods: **PBC (Push Button Configuration)**, or **PIN (Personal Identification Number)**.

Tip

- Wi-Fi Protected Setup(WPS) is a standard created by Wi-Fi Alliance for easy establishment of secure wireless home network.

PBC

1 On the router, add **HMP2000**:

- Consult the user manual of the router to learn how to add a WPS device to the router. For example:
  press and hold the WPS push button.
  ↳ The router starts to search for **HMP2000**.

2 On **HMP2000**, select **PBC**.
  ↳ On **HMP2000**, a message is displayed when the connection is complete.

PIN

1 Write down the PIN that is displayed on **HMP2000**.

2 On your PC, enter the PIN on the router setup page:
- Consult the user manual of the router to learn how to enter the PIN of the router.

3 On **HMP2000**, select **PIN**.

Standard

1 On **HMP2000**, select **[Standard]**.

2 On the pop-up screen, enter the password to the network (see 'Use the remote control' on page 6).

4 Play

On the HDTV, enjoy media play from

- the online services, or
- a USB mass storage device.

Play from online services

Connect **HMP2000** to the Internet. You can enjoy online services on the HDTV.

Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Net TV service providers.

1 On the Home screen, select an online service (see 'Navigate on the Home screen' on page 5):

① **On the Home screen, select , and then, press ▲.**

② **Select an option:**
NETFLIX: Online video services
YouTube: Online video services
Facebook: Online social networking services
AccuWeather: Online weather forecast services
Piccasa: Online photo-sharing services

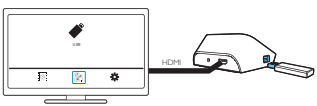
2 Use the remote control to select your options and control play:

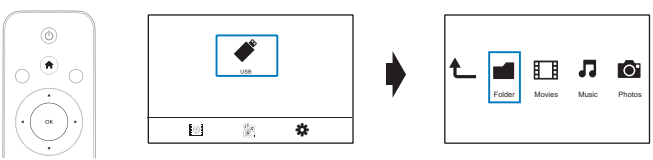
- To select an option, press ▲▼◀▶ and **OK**.

- To go back one level, press ↩ (unavailable in some online services).
- To stop play, press ■.

Play from a USB mass storage device

Through the HDTV, play media from the USB mass storage device that you connect to **HMP2000**.





1 On the Home screen, select the **USB** source.
↪ Media files are sorted as follows:

[Folder]: Display all the files/ folders.
[Movies]: Display movie files.
[Music]: Display music files.
[Photos]: Display photo files.

2 Select a file to start play.

3 Use the remote control to control play (see 'Use the remote control' on page 6).

Search for media files

- In the list of files or folders, press **OPTIONS** to select your options:
  In **[Folder]**:
  To display files in different views,
  - Select **[Thumbnails]**, **[List]**, or **[Preview]**.

To show files by media type,

- Select **[All Media]**, **[Movies]**, **[Photos]**, or **[Music]**.

In **[Movies]**, **[Music]**, and **[Photos]**:

To search for a file by keyword,

- Select**[Search]**. Enter the keyword on the onscreen keyboard.

To sort files in different ways,

- Select **[Sort Order]**.

To go to the folder view,

- Select **[Go to Folder]**.

Select play options

1 During play, press **OPTIONS** on the remote control.

2 Press ▲▼◀▶ to select an option. Press **OK** to confirm.

For videos,

[Subtitle]: Select a subtitle language

[Audio]: Select an audio language

[Night Mode]: (for audio encoded in Dolby Digital): Makes loud sound level softer and soft sound level louder so that you can enjoy videos at a low volume, without disturbing others.

[GOTO]: Skip to the specific time, title, or chapter.

[Repeat Title]: Repeat current title.

[Repeat All]: Repeat all the flies.

[Repeat Off]: Switch off the repeat mode.

[Video Setting]: Select display options.

For music,

[Repeat Off]: Switch off the repeat mode.

[Repeat One]: Repeat current file.

[Repeat All]: Repeat all the flies.

[Shuffle Loop]: Play all the files in random order.

For photo slideshow,

[Slide Timing]: Set the time interval before one slide switches to another.

[Slide Transition]: Set the transition mode between two slides.

[Repeat Off]: Switch off the repeat mode.

[Repeat All]: Play photos in current folder repeatedly.

[Shuffle Loop]: Play photos in current folder in random order.

[Background Music]: Play a music file during the slideshow.

[Video Setting]: Select display options.

Manage files

On **HMP2000**, select **USB** on the Home screen. Go to **[Folder]**, and you can manage files on the connected USB storage device.

Copy or move files and folders

1 In **[Folder]**, select a file or folder in the list of files/ folders.
To select multiple files,

① **On the remote control, press EDIT.**
↳ A list of options is displayed.

② **Select [Multiple Select].**
↳ A file list is created for you to add files or folders.

③ **Press ▲ / ▼ to select a file or folder. Press ▶❚❚ to confirm.**

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Copy]** or **[Move]**.

4 Select a folder as the destination. Press ▶❚❚ to confirm.
↳ The selected files or folders are copied or moved to the destination.

Delete files and folders

1 Follow Step 1-3 under "Copy or move files and folders" (see 'Copy or move files and folders' on page 15).

2 On the pop-up list of options, select **[Delete]**.
↳ The selected files or folders are deleted.

Rename files and folders

1 In **[Folder]**, select a file or folder in the list of files/ folders.

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Rename]**.

4 On the pop-up onscreen keyboard, edit the file/ folder name (see 'Enter text' on page 7).

Create music playlists

You can create playlists for music files you want to play together.

1 In **[Folder]**, select music files.

① **On the remote control, press EDIT.**
↳ A list of options is displayed.

② **Select [Multiple Select].**
↳ A file list is created for you to add files.

③ **Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.**

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Save Playlist]**.

4 Name the playlist as needed.
↳ A music playlist is created.

Create photo albums

You can create photo albums for picture files.

1 In **[Folder]**, select picture files.

① **On the remote control, press EDIT.**
↳ A list of options is displayed.

② **Select [Multiple Select].**
↳ A file list is created for you to add files.

③ **Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.**

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Save Photo Album]**.

4 Name the photo album as needed.
↳ A photo album is created.

5 Setup

You can change the setup options of **HMP2000**.

1 On the Home screen, select ✿ **[Setup]**.
- If necessary, press ⌂ on the remote control to go to the Home screen.
  ↳ The setup menu is displayed.

2 Press ▲▼◀▶ to select an option. Press **OK** to confirm the option.
- Press ↩ to return to the upper-level menu.

System

[Menu Language]: Select the language for onscreen menus.
[Subtitle]: Select the subtitle language for videos.
[Screen Saver Delay]: Enable the screen saver when **HMP2000** is in the idle mode for a selected time span, for example, in pause or stop mode. To exit the screen saver mode, press any key.
[Automatic Standby]: Switch **HMP2000** to standby mode when there is no button press or media play on **HMP2000** for 15 minutes.
[Request to Resume Play]: Allow you to select whether to resume video play from the last stop position.
[Netflix Deactivate]: Deactivate the Netflix service.
[Reset Factory Defaults]: Restore fac tory settings.

Audio

[HDMI Audio Mode]: Select audio output for the HDMI connector.
[Lip Sync]: Synchronize audio with video play.

Video

[Aspect Ratio]: Select display aspect ratio.
[TV System]: Select the video resolution that your TV supports. See your TV manual for details.
*__[1080P 24Hz]__: Use 1080p 24 Hz for video output, where 1080p 24 Hz denotes the resolution and frame rate.
[Deep Color]: Display colors with more shades and hues when the video content is recorded in Deep Color mode and the TV supports this feature.

Note

- *If the video resolution is incompatible with your TV, you can see a blank screen. To recover the display, wait for 10 seconds.

Network

[Wireless (WiFi)]: Connect to a Wi-Fi network.
[Network Info]: Display current network status, such as the MAC address, and current IP address and subnet mask.

6 EasyLink

HMP2000 supports Philips EasyLink which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use a single remote control to control EasyLink compliant devices that are connected through HDMI.

1. Through HDMI, connect **HMP2000** to a TV compliant with the HDMI CEC protocol.
2. On the TV, switch on the functions to allow HDMI CEC operations (Consult the user manual of the TV).
3. On **HMP2000**, switch on **[Easy Link]**.
   - On the Home screen, select **[Setup]** > **[Easy Link]**. Select **[On]**.
4. In **[Easy Link]**, you can select the following options:

[One Touch Play] When you start play on **HMP2000**, the TV switches to the HDMI input channel automatically.
[One Touch Standby] When you switch the TV to the standby mode, **HMP2000** switches to the standby mode automatically.
[Auto Power On From TV] When you switch to the input channel of **HMP2000** on the TV, **HMP2000** can switch on automatically from the standby mode.

Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

7 Update the firmware of HMP2000

Switch on **[Auto Upgrade Reminder]**in ✿ **[Setup]** > **[Software Upgrade]**.You can receive a reminder when firmware updates are available and you have connected **HMP2000** to the Internet.
Before you update the firmware, check current the firmware version of **HMP2000**.
To check the firmware version,

- On the Home screen, go to ✿ **[Setup]**> **[Software Upgrade]** > **[Version Info]**.

Update the firmware through the Internet

1 Connect **HMP2000** to the Internet.

2 On the Home screen of **HMP2000**, select **[Setup]** > **[Software Upgrade]** > **[Check for Online Upgrades]**.
↳ If a firmware update is detected, you are prompted to start the update.

3 Follow onscreen instructions to complete the update.
↳ When the update is complete, **HMP2000** switches off automatically, and then switches on again.

Update the firmware through a USB storage device

1 On your computer, do the following:

① **Go to www.philips.com/support to find the latest firmware.**

② **Search for your model and click on "Software and drivers".**

③ **Download the firmware update and save the file to the root directory of a USB storage device.**

2 On **HMP2000**, do the following:

① **Connect the USB storage device.**

② **On the Home screen, select [Setup] > [Software Upgrade]> [USB upgrade].**

↳ If a firmware update is detected, you are prompted to start the update.

3 Follow onscreen instructions to complete the update.

↳ When the update is complete, **HMP2000** switches off automatically, and then switches on again.

Caution

- Keep **HMP2000** powered on and the storage device mounted before the firmware update is complete.

8 Troubleshooting

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are at the bottom of this player. Write the numbers here:
Model No. _____
Serial No. _____

No picture.

- Refer to the TV user manual for how to select the correct video input channel

The contents of the USB storage device cannot be read.

- The format of this USB storage device is not supported.
- The supported memory size is 1TB maximum.
- Make sure that this player supports these files. (Refer to "**Specifications**" > "**Playable media**") .

9 Specification

Note

- Specification and design are subject to change without notice.

Power adapter
- Philips ASUC 12A-050150(/37, /55), Philips ASUC 12E-050150(/12)
- Input: 100-240 V~ 50/60 Hz, 0.3 A
- Output: DC 5.0 V, 1500 mA

Power consumption < 7.5 W

Power consumption in standby mode < 1 W

Remote control Battery type: AAA

Supported formats:
- Video: MPEG 1/2, H.264, VC-1, WMV9, MKV, MPG, AVCHD, AVI, TS, M2TS, TP, IFO, ISO, VOB, DAT, MP4, MPEG, MOV (H.264), ASF, FLV(640 x 480)
- Audio: Dolby Digital, MPEG Audio, AAC, OGG, MKA, IMP/MS ADPCM, AC3, WMA (V9), PCM, LPCM, MP3
- Picture: JPEG, JPG, BMP, GIF (unanimated GIF), HD-JPEG, PNG, TIF, TIFF

HDD & USB support
- NTFS, FAT32, FAT, EXT-3, HFS+
- USB MTP support, USB PTP support, USB MSC support

Subtitle support
- .srt, .sub, .smi, .ssa, idx+.sub

Video
- HDMI output: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p24

Audio
- HDMI output
- Signal to noise ratio (1 kHz): > 90 dB (A-weighted)
- Dynamic Range (1 kHz): > 80 dB (A-weighted)
- Frequency response: +/-0.2 dB

Main Unit
- Dimensions (L x W x H): 136 x 86 x 52 mm
- Net Weight: 0.41 Kg

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This offer is valid up to three years after product purchase to anyone in receipt of this information. To obtain source code, please contact open.source@philips.com. If you prefer not to use email or if you do not receive confirmation receipt within a week after mailing to this email address, please write to "Open Source Team, Philips Intellectual Property & Standards, P.O. Box 220, 5600 AE Eindhoven, The Netherlands." If you do not receive timely confirmation of your letter, please email to the email address above.

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HMP2000_12_UM_V1.1 wk1236.4

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Instructions to obtain source code for this software can be found in the user manual, or in the supplied safety leaflet (if available).

1. Wget, Parted, Gdb

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

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Support for splitting captures into multiple files with a maximum file size:

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Seth Webster <swebster@sst.ll.mit.edu>

7. Webkit, Libexif, Ebase, Mp3info, ipodDB, qDecoder, Libneon, httpc, Libotf, Fribidi, DirectFB, Libcharguess, QT & Uclibc

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Version 2.1, February 1999

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4. Contacts

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

http://www.freetype.org

--- end of FTL.TXT ---

16. pppd

/ pppd.h - PPP daemon global declarations.

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17. zlib

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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18. cJSON

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19. Mongoose

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20. Autosaver.cpp & cookiejar.cpp

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