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HMP8100



User manual

PHILIPS

Contents

1	Trademark notice	5
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2	Safety and notice	6
	Safety	6
	Compliance	6
	Care of the environment	7
	Notice	8
	Written Offer	8
	Warranty	8

3	Get started	10
	Place	10
	Install	11
	Connect to your HDTV	11
	Switch on or off	12
	First-time setup	13
	Set up the screen display	13
	Set up the network	14
	Use the remote control	19
	Install batteries into the remote control	20
	Calibrate the remote control	20
	Navigate	21
	Zoom in or out	24
	Increase or decrease the volume	25

Use the remote control as a game console (for some games)	25
---	----

4 Basics	27
-----------------	-----------

Home screen	27
Find apps	27
Text entry	29
Select input methods	29
Enter text	30
Customize the Home screen	31
Add app icons and widgets	31
Delete items	32
Relocate items	32

5 Play	33
---------------	-----------

Play from online services	33
Install apps	33
Manage apps	34
Play movies from a mass storage device	35
Play media from a PC or NAS device (DLNA)	36

6 Use the device in corporate networks	37
---	-----------

Install secure credentials	37
Set up your Microsoft Exchange account	38
Add VPN	38

7 Settings	40
-------------------	-----------

WIRELESS & NETWORKS	40
---------------------	----

Wi-Fi	40
Ethernet	41
DEVICE	41
Sound	41
Display	41
Storage	42
Apps	42
PERSONAL	42
Security	42
Language & input	43
reset	44
ACCOUNTS	44
Add account	44
SYSTEM	44
Date & time	44
About MediaBox	45
System updates	45
Status and information about the device	46

8 Update the firmware 47

Update the firmware through the SD card	47
---	----

9 Troubleshooting 48

Model No. & SN	48
No picture	48
USB content cannot be read	48
HMP8100 does not respond to the pressing of keys	48

The remote control cannot respond quickly to the pressing of keys	49
The new remote control does not work with the player	49
The firmware updating is not complete after a long time	49
HMP8100 hangs during firmware updating	50

10 Specification

51

1 Trademark notice



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Real RMVB logo is a trademark or a registered trademark of RealNetworks, Inc.

2 Safety and notice

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

Safety

- Only use attachments/accessories specified by the manufacturer.
- Use only power supplies listed in the user manual.
- The product shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.



Warning

- Never remove the casing of this product.
- Never lubricate any part of this product.
- Never place this product on other electrical equipment.
- Keep this product away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the product from the power.

Compliance

Class II equipment symbol:



CLASS II apparatus with double insulation, and no protective earth provided.



Note

- The type plate is located on the bottom of the product.

Care of the environment

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.


Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Notice

Written Offer

WOOX Innovations hereby offers to deliver, upon request, a copy of the complete corresponding source code for the copyrighted open source software packages used in this product for which such offer is requested by the respective licenses. This offer is valid up to three years after product purchase. To obtain source code, please contact open.source@woox.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, 6/F, Philips Electronics Building, 5 Science Park East Avenue, Hong Kong Science Park, Shatin, New Territories, Hong Kong. If you do not receive timely confirmation of your letter, please email to the email address above.

This product is partly based on Open Source software. The license text and acknowledgment can be retrieved from the device under  > About Mediabox > Legal information.

Specifications are subject to change without notice. Philips and the Philips' Shield Emblem are registered trademarks of Koninklijke Philips N.V. and are used by WOOX Innovations Limited under license from Koninklijke Philips N.V.. WOOX Innovations reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

Warranty

- Never attempt to repair the product, this could lead to the risk of injury, damage to the product and will void your warranty.
- Use the product and accessories only as intended by the manufacturer. The caution sign printed on the back of the product indicates risk of electric shock.
- Never remove the cover of the product. Always contact Customer Support for service or repairs.

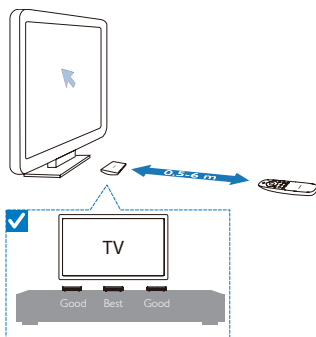
- Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorized in this manual shall void the warranty.

3 Get started

Place

HMP8100 works with the supplied **uWand** remote control. For good navigation and interaction experience, do the following:

- 1 Place **HMP8100** as shown:



- 2 If necessary, reduce the distance and angle between **HMP8100** and the remote control.

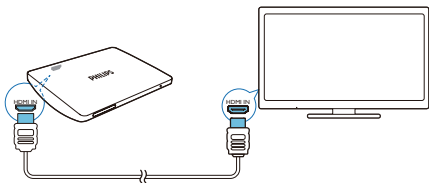


Tip

- The remote control is using an absolute pointing mechanism which aims at giving an intuitive and predictable experience and enabling faster interaction with the user interface of the player. The cursor always shows on the expected screen position for each angular orientation, even returning from out of the screen. There is no calibration needed as a reference point is always broadcast at the hidden transmitter of the player and therefore the player should be placed in a visible area close to the TV for the best pointing experience.

Install

Connect to your HDTV

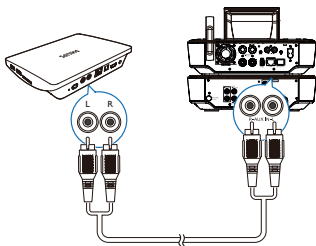


- Through an HDMI cable, connect **HMP8100** to a high-definition TV (HDTV).

Connect to an external audio system

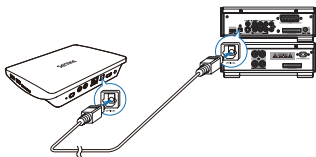
For high quality audio, you can connect **HMP8100** to your sophisticated audio system.

ThroughR AUDIO L:




- Use audio cables to connect **HMP8100** to the audio input connectors on your audio system.
- Make sure that the plugs and sockets match in color.

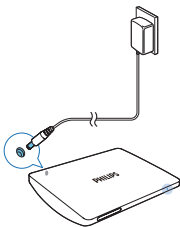
Through OPTICAL:



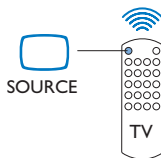
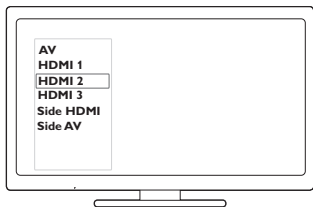
- Use a fiber optical cable to connect the **OPTICAL** or **SPDIF** input connector on your audio system.


Switch on or off

- 1 To switch on **HMP8100**,
 - ① Connect **HMP8100** to power.
 - ② On the remote control, press  to switch on.
 ↳ The power indicator lights up green.



- 2 On the TV, switch to the input source of **HMP8100**:
 - On the remote control of your TV, use the source button to select the input channel of **HMP8100**.



- 3** To switch **HMP8100** to standby mode, press  again on the remote control.
↳ The power indicator lights up red.

First-time setup

The first time you use **HMP8100**, do the following setup:

- Select the menu language on **HMP8100**;
- Set up the screen display on your TV;
- Connect **HMP8100** to your home network through an Ethernet cable or Wi-Fi.
- Log in to your Google account.

Follow onscreen instructions to select your options:

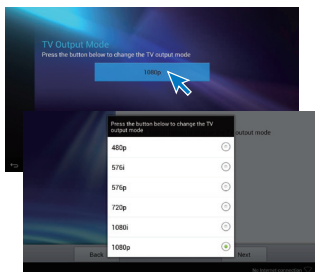
- 1** Click the option button to show the list of options.
- 2** Select your option.
- 3** Click **Next** to move to the next step.

To change your setup options later,

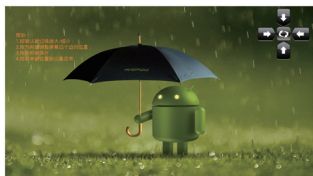
- From the Home screen, go to  **Settings**.

Set up the screen display

- In **Output mode**, select the video resolution that your TV supports.



- In **Display position**, adjust the edges of the screen display. Follow the onscreen instructions to make and save the adjustment.

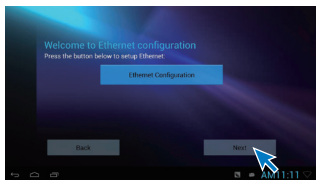


Set up the network

Connect **HMP8100** to a router (Access Point) through an Ethernet cable or through Wi-Fi. You can connect **HMP8100** to the network that is built around the router.

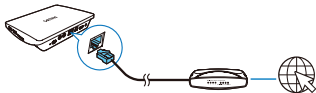
To connect to the Internet, make sure that the router connects to the Internet directly and no dial-up is required on the computer.

To skip the Ethernet or Wi-Fi setup screen, click **Next**.

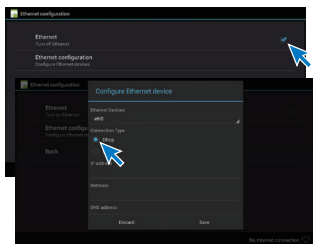
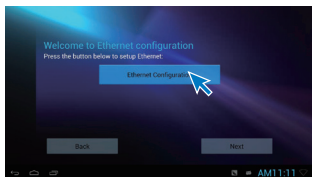


Connect through an Ethernet cable

- 1 Use an Ethernet cable to connect **HMP8100** to the router.



- 2 On **HMP8100**, click **Ethernet Configuration**. Select **ON** to switch on the Ethernet connection.
 - ↳ A pop-up screen is displayed for you to set up the network connection through the Ethernet cable.



To use an IP address that the router assigns automatically,

- Select **DHCP**.
 ↳ **HMP8100** starts to acquire an IP address.



Tip

- If the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router, manually enter the IP address of the player.

To enter the IP address of the player manually,

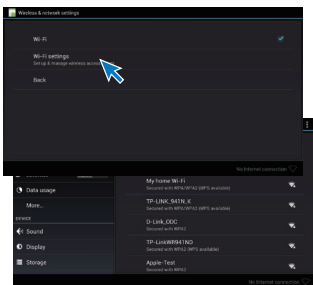
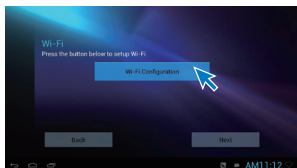
- 1 Get the IP address of the router:
 - Consult the user manual of the router; or
 - To check for the settings of the router, enter the IP address (for example, 192.168.1.1) in the web browser (for example, Internet Explorer) of the computer. Get the information in the setup page.
- 2 On **HMP8100**, select **Static IP**. Assign the IP address manually.

- On the player, enter an IP address that allows the player to be in the same subnet as the router:
For example, if the router has
IP address: 192.168.1.1, Subnet mask: 255.255.255.000;
Then, enter the following on the player:
IP address: 192.168.1.XX (where XX denotes a number), Subnet mask: 255.255.255.000.

Connect through Wi-Fi



- 1 On **HMP8100**, click **Wi-Fi Configuration**.
- 2 Select **Wi-Fi settings**.
- 3 Select the option to switch on the Wi-Fi function.
↳ You see a list of Wi-Fi networks in range.



4 Connect HMP8100 to a network:

- ① In the list of Wi-Fi networks, select an option.
- ② On the pop-up screen, enter the password to the network.
 - ↳ 📶 is displayed in the status bar when the Wi-Fi connection is completed successfully.
 - ↳ Next time you switch on HMP8100, HMP8100 connects to the previously connected network automatically.



Note

- If MAC address filtering is enabled on your router, add the MAC address of **HMP8100** to the list of devices that are allowed to join the network. To find the Wi-Fi MAC address, go to **Settings > About MediaBox > Status** on the Home screen.
- To refresh the list of networks, select **Scan** at the upper-right corner of the screen.
- If you have disabled SSID broadcasting or hidden the Service Set Identifier (SSID) of the router, manually enter the SSID or public name for the network. Go to **Settings > Wi-Fi**. On the top bar, select **+**.
- If the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router, manually enter the IP address of **HMP8100**.

Use the remote control



Switch HMP8100 on or to standby mode

- Press

Navigate between screens or through options



- Return to the Home screen



- Scroll through options

OK

- Confirm the option



- Back one level

View options menu

- Press 

Control the play



- Start, pause, or resume the play



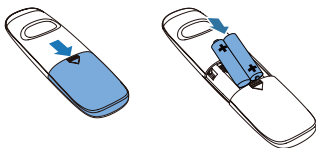
- Stop the play



- Select the previous or next file


Install batteries into the remote control

- ① Open the battery compartment.
- ② Insert two AAA batteries (1,100 mA) with correct polarity (+/-) as indicated.
- ③ Close the battery compartment.



Calibrate the remote control

With the supplied **uWand** remote control, you can navigate and select on **HMP8100** as you do with a mouse on a computer:

- 1 Make sure that you have placed HMP8100 properly (see 'Place' on page 10).
- 2 Go to  **Setupwizard**.
- 3 Follow the onscreen instruction to calibrate your remote control.



Tip

- If the Game mode is available on your TV, select the mode to reduce the picture processing time and allow the cursor to move more smoothly.
- To pair a new uVwand remote control with HMP8100, refer to "Troubleshooting" (see 'Troubleshooting' on page 48).
- You can also use a wireless mouse with HMP8100.

Navigate

Navigate on the screen

Navigate and select



- 1 To navigate to an item, point the remote control at **HMP8100**, and move the remote control as needed.

↳ The cursor moves as you move the remote control.

- 2 To select the item, press **OK**.

Swipe



- 1 Place the cursor in an empty space.
- 2 Press and hold **OK**.
↳ The status LED flashes.
- 3 Swipe left/ right, or up/ down.
↳ You can switch between pages, or scroll through the list of options.

Drag

- 1 Select an item.
- 2 Press and hold **OK** to drag the item as needed.



Scroll through options



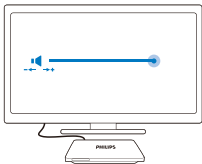
- 1 To scroll through options, press ▲▼◀▶.
↳ The cursor changes to 4-way navigation buttons.
- 2 Press ▲▼◀▶ repeatedly to navigate to your option.
 - For fast scrolling, press and hold ▲▼◀▶.
- 3 To select the item, press OK.



Zoom in or out



- 1 Enter the Zoom mode:
 - Press and hold .
 - ↳ The status LED flashes.
 - ↳ The zoom icon is displayed.
- 2 Zoom in or out:
 - Swipe up or down.
- 3 Exit the Zoom mode:
 - Release .

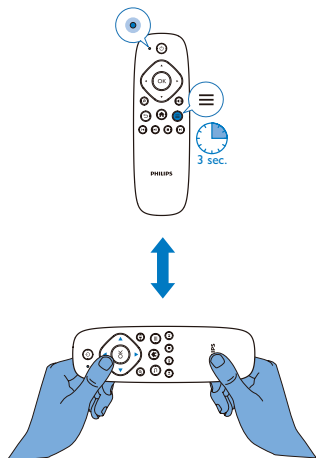
Increase or decrease the volume







- 1 Enter the Volume mode:
 - Press and hold .
 - ↳ The status LED flashes.
 - ↳ The volume bar is displayed, indicating current volume level.
- 2 Increase or decrease the volume:
 - Swipe left or right.
- 3 Exit the Volume mode:
 - Release .

Use the remote control as a game console (for some games)

In some games, you can use the remote control as a game console.







- 1 Enter the Game mode:
 - Press and hold  for more than three seconds.
 - ↳ The status LED lights up red.
 - ↳ The layout of the navigation buttons changes from vertical to horizontal.
 - ↳  and  are disabled.
- 2 Exit the Game mode:
 - Press and hold  for more than three seconds.
 - ↳ The status LED switches off.

4 Basics

Home screen




- ① **Apps**
 - List all apps.**Widget**
 - List the shortcuts to apps.
- ② **Google Search**
 - 8** : Use the quick search box to search on **HMP8100** or the Web.
- ③ **Navigation buttons**
 -  : Return to the Home screen.
 -  : Go back one level or exit.
 -  : Display recent applications that you have accessed.
 -  : (for some apps):View the options menu.
- ④ **Notifications, time, setup status**
 - Select to check the details and select setup options.

Find apps

Navigate on the Home screen to find an app:

- Select **Apps** to open the list of apps.

- To switch between pages, press and hold **OK** on the remote control, and swipe left/ right.
- To scroll through the apps, you can also press **▲▼◀▶** on the remote control.
- To switch to the apps you have accessed recently, select .



Tip

- On **HMP8100**, you can install apps from the **Play Store** or other sources.



Play Store/ 安卓市场 :

- Download different apps, games, and others.



MoviePlayer:

- Play media from the storage devices that you have connected to **HMP8100**, including USB storage devices and SD/SDHC cards.



Movie Center:

- Play media from a PC that runs the DLNA media server software.



Gallery:

- View pictures and videos on **HMP8100**.



Play Music/Music:

- Play music on **HMP8100**.



Settings:

- Customize the settings of **HMP8100**.



ES File Explorer:

- Browse the files/ folders on the device, install apps, and manage files.



Browser:

- Browse Web pages.



Email:

- Set up your email account on **HMP8100**.



Calculator



YouTube:

- Online video service of Google




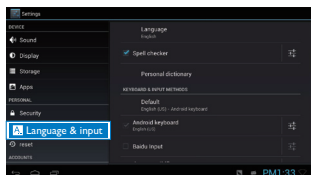
新浪新闻 / 百度新闻 : News portal


Text entry

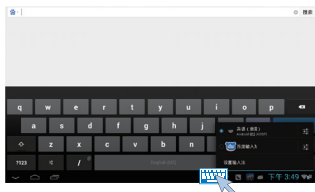
With the onscreen keyboard, you can enter text in multiple languages.

Select input methods

- 1 Select your input methods as needed:
 - ① On the Home screen, press .
 - ② On the pop-up screen, select System settings > Language & input.
 - ③ Select your input methods:
Android keyboard: for multiple languages other than Chinese
Baidu input: for Chinese input through handwriting recognition, stroke, and Pinyin, and English input
Google Pinyin: for Chinese input through Pinyin, and English input



- 2 To switch between text input methods during text entry:
- Click  at the base of the screen.



Enter text

- On the onscreen keyboard, use the remote control to select keys.
- For handwriting recognition, press and hold **OK** on the remote control to drag the cursor and enter a character.



To delete the entry before the cursor,

- Select

To move to the next line,

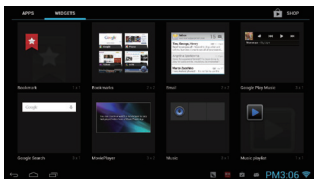
- Select

Customize the Home screen

To access functions quickly from the Home screen, you can rearrange the items.

Add app icons and widgets

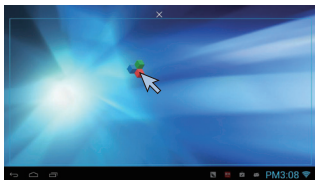
- 1 On the Homes screen, swipe left/ right to select a page.
 - Make sure that the page isn't filled.
- 2 Select **Apps/ Widget** to open the list of app icons and widgets.



- 3 Select and hold an icon or widget until the page is displayed.
 - ↳ The icon or widget is added to the selected page.

Delete items

- 1 Select and hold an item to unlock.



- 2 Drag the item to **x**.

Relocate items

- 1 Select and hold an item to unlock.
- 2 Drag the item to a space on a page.
- 3 Release the item.
 - ↳ The item moves to the space.

5 Play

On the HDTV, enjoy media play from


- the online services;
- a mass storage device, including a USB mass storage device, or an SD/SDHC card;
- a DLNA-compliant device on your home network, such as a PC or Network Attached Storage (NAS) device.

Play from online services

Connect **HMP8100** to the Internet. You can enjoy online services on the HDTV.

Install apps

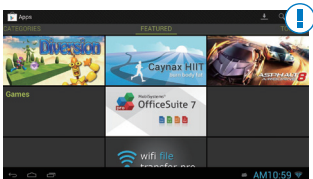
On **HMP8100**, you can install apps from

-  (**Play Store**) over the Internet; or
- other sources, such as other online sources, the internal storage of **HMP8100**, and the USB storage device and SD/SDHC card that you have mounted onto **HMP8100**.

Play Store


1 Log in to or create your Google account to access Google services. To add a Google account, do the following:

- ① Go to  (**Play Store**). Tap  > **Accounts**.



- ② Select **Add account**.
- ③ Follow onscreen instructions to add an account.

2 Search for apps as needed.

- Tap  for keyword search.

3 Download the app:

- Tap the app. Confirm as needed.
 - ↳ When the downloading is complete, installation starts automatically.
 - ↳ Check the status bar to find the status. If necessary, tap the icon to start installation as prompted.



Tip

- To manage your accounts, go to  **Settings** > **ACCOUNTS**. Tap an account to select your options.

Other sources


Allow the installation from unknown sources

- Go to  **Settings** > **Security**. Switch on **Unknown sources**.

Download/ transfer the apps


- To download the apps from online sources, follow the onscreen instructions;
- To transfer the apps from a PC, save the apps to an SD/ SDHC card. Then, mount the memory card onto **HMP8100**.

Start installation

- The downloaded apps start installation automatically. Or, start installation as prompted.
- To find the apps on **HMP8100** or the SD/ SDHC card, go to  **ES File Explorer**. Find the app and select the option to start installation.

Manage apps

You can manage apps on **HMP8100** and the SD/ SDHC card, for example, install/ uninstall apps, stop running apps, or select other options.

1 On the Home screen, press  on the remote control.

- ↳ The options menu is displayed.

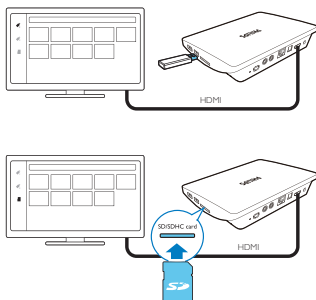
2 Select **Manage apps**.







Play movies from a mass storage device

Through the HDTV, play movies from a mass storage device that you connect to **HMP8100**. The mass storage device can be:


- a USB mass storage device,
- an SD/ SDHC card.



- 1 Connect your mass storage device to **HMP8100**:
 - For a USB mass storage device, connect to  on **HMP8100**.
 - Insert an SD/ SDHC card to the **SDHC** slot.
- 2 Go to  **MoviePlayer**. Then, select  or .
- 3 Select a file to start play.

Play media from a PC or NAS device (DLNA)



- 1 Make sure that you have connected **HMP8100** PC to the same network as the PC or Network Attached Storage (NAS) device.
 - Make sure that the UPnP (Universal Play and Plug) function is enabled on the router.
- 2 On the PC, launch the software of DLNA media server. Enable the media sharing function.
- 3 On **HMP8100**, select  **Media Center > Media Player**.
 - Find media files on the PC or NAS device.
- 4 Use the remote control to search for and play media files on **HMP8100**.

6 Use the device in corporate networks

You can use **HMP8100** in corporate networks. Install the secure credentials or security certificates before you access corporate networks.

The access to corporate network may allow you to set up your Microsoft Exchange account and add VPN on the device. With the Microsoft Exchange account, you can access your exchange mailbox at work.

Install secure credentials

Ask your network administrator for secure credentials or security certificates.


To install the secure credentials,

- 1 Make sure that you transfer the files of secure credentials from a PC to the SD/ SDHC card that you have mounted onto the device.




Note



- On **HMP8100**, make sure that the secure credentials are saved to the root directory of the SD/ SDHC card, instead of under a folder.

- 2 Install the secure credentials:
 - ① Go to  **Settings** > **Security** > **Install from SD card**.
 - ② Select the file to start installation.
 - ③ Set the password and name for the credentials as prompted.

To apply the secure credentials,

- 1 In  **Settings**, select **Security** > **Trusted credentials**.
- 2 Make sure that the credential is selected.
 - ↳ On **HMP8100**, you allow the apps to use the secure credentials.

Set up your Microsoft Exchange account

- 1 Go to  **Email**.
- 2 Set up your email account:
 - Enter the information about your account, and select **Exchange** as the account type.
 - If you have set up other email accounts, select  > **Settings** on the screen of mail list. Select **Add account**.
- 3 Follow the onscreen instructions to complete the setup.
 - For the server address, enter the web address for your Outlook web access, for example, owa.company name.com or mail. company name. com/owa.
 - For other setup information, such as domain name, user name, check with your system administrator.



Note


- The device can work with Microsoft Exchange 2003 and 2007.

Add VPN

Virtual private network (VPN) allows you to connect to private networks through secure access.

Sometimes, you need VPN access to connect to corporate networks.

To add VPN on the device

- 1 Ask your network administrator for the configuration information.
- 2 From the Home screen, go to  **Settings** > **WIRELESS & NETWORKS** > **More** > **VPN**.
- 3 Configure the VPN as prompted.
- 4 Install the secure credentials as needed.




To connect to the VPN,

- 1 Make sure that you have connected **HMP8100** to the Internet.

- 2 Go to  **Settings** > **WIRELESS & NETWORKS** > **More**.
↳ A list of VPNs is displayed.
- 3 Select the VPN to start connection.

7 Settings

To select your settings,


- 1 At the base of the screen, click an icon of setup status. On the pop-up screen, select .
 - Alternatively, go to  **Settings** from the Home screen; or
 - On the Home screen, press  on the remote control. Select **System settings** from the options menu.
- 2 Use the remote control to select options.


WIRELESS & NETWORKS

Wi-Fi

In WIRELESS & NETWORKS > Wi-Fi, select your Wi-Fi settings on the device (see 'Set up the network' on page 14).

Network notification

Switch on **Network notification**. At the base of the screen,  is displayed when an open Wi-Fi network is available.

- 1 In **Wi-Fi**, select **ON** to switch on.
- 2 At the top bar, select  > **Advanced** > **Network notification**.



Portable hotspot

HMP8100 can work as a Wi-Fi hotspot. Through HMP8100, you can have your wireless devices connected to the Internet.

To connect to the Internet through HMP8100,

- 1 Connect **HMP8100** to the Internet.
 - 2 In **Portable hotspot**, select the checkbox to switch on **Portable Wi-Fi hotspot**.
 - 3 Go to **Set up Wi-Fi hotspot** to check and edit the network name (SSID) and password.
 - 4 On your wireless devices, search for and connect to **HMP8100**.
-

Ethernet

In **WIRELESS & NETWORKS > Ethernet**, select the settings for network setup through an Ethernet cable (see 'Set up the network' on page 14).

DEVICE

Sound

In **Sound**, select sound settings for **HMP8100**.

Volume

- Select the volume level for media and notifications.

Click sounds

- Select your click sounds on the screen.

Digital audio output

- If you use TV speakers for audio output, select **PCM**.
- If you use external amplifier for decoding, select **SPDIF passthrough** or **HDMI passthrough**.

Equalizer

- Select your equalizer options for the sound output.
 - The function may not be supported by some apps that you install on **HMP8100**.
-

Display

In **Display**, select your display settings:

Wallpaper

- Set the wallpaper of the device.

Application request to change orientation

- Allow you to select whether to change the orientation of the display.

Sleep

- After the selected time duration, the screen switches off automatically.

Output mode

- Select the video resolution that your TV supports. See your TV manual for details.

HDMI auto output mode

- Allow the output resolution to match the best resolution of your TV automatically.

Display position

- Position the screen display as needed.

Font size

- Select font size for the onscreen display.

Storage

In **Storage**, learn the space information about the internal memory on your **HMP8100**.

Apps

In **Apps**, manage the apps on **HMP8100** and the SD/SDHC card. You can install/uninstall applications, or select other options.

PERSONAL

Security

Device administrators



Apps in corporate networks require the rights of device administrator, such as the email under your Microsoft Exchange account.


Before you uninstall such an application, disable the rights of device administrator:

- In **Device administrators**, select an app.
 - ↳ The rights of device administrator are disabled.

↳ You cannot sync data for the application.

Unknown sources

On **HMP8100**, you can install applications that you download from  (Play Store), or from sources other than .

- For the apps from sources other than , select **Unknown sources** to allow installation on **HMP8100**.

Language & input

Language

In **Language**, select the language for the onscreen instructions of **HMP8100**.

Personal dictionaries

In **Personal dictionaries**, add or remove words or phrases to/ from the user dictionary. You can customize the word suggestions that are displayed on the pop-up screen during your text entry on the Android keyboard.

To add a word or phrase,


- Select **+** to add a word or phrase.

To edit a word or phrase,


- 1 Select the word or phrase.
↳ A pop-up screen is displayed.

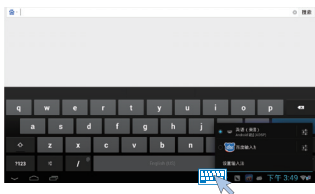
- 2 Edit the word or phrase.

To remove a word or phrase,

- 1 Select the word or phrase.
- 2 Select .

Keyboard & Input methods

In **KEYBOARD & INPUT METHODS**, select your input methods. To switch between text input methods during text entry, click  at the base of the screen.



Mouse/Trackpad

On **HMP8100**, you can install a wireless mouse. The wireless mouse can work as the remote control.

In **Pointer speed**, set the speed for the pointer of the mouse.

uWand remote control

On your TV screen, calibrate the cursor of your uWand remote control.

reset

In **reset > Factory data reset**, you can erase all the data that you have stored on the internal memory of **HMP8100**.

ACCOUNTS

In **ACCOUNTS**, add, remove, or manage an account.

Add account

- Select **Add account** to add an account.
- Select an account to manage the account, for example, remove the account or select sync options.

SYSTEM

Date & time

Automatic setting

Over the Internet, you can sync the date and time on **HMP8100** from the network.

To switch on the automatic clock setting,

- 1 In **Date & time**, switch on **Automatic date & time**.
↳ If the function is enabled, the tick box is selected.
- 2 In **Select time zone**, select your current time zone.
- 3 In **Use 24-hour format** and **Select date format**, select your options for time and date display.

Manual setting

- 1 In **Date & time**, switch off **Automatic date & time**.
↳ If the function is disabled, the tick box is deselected.
- 2 Select the date, time, and time zone in **Set date**, **Set time**, and **Set time zone**.

About MediaBox

In **About MediaBox**, learn the status and information about your **HMP8100**.

System updates

In **System updates**, check for the system updates of **HMP8100**. Make sure that you have connected **HMP8100** to the Internet.
Register your **HMP8100** to access the firmware upgrades.

Register

- 1 Make sure that you have connected **HMP8100** to the Internet.
- 2 To register **HMP8100** with www.philips.com/welcome,
 - ① Select **System updates > Register**.
 - ② Enter your valid email address.
↳ You receive an email message from ConsumerCare@Philips.com.
 - ③ Use the Web page link in the email to complete registration.

To check registration information

You can check whether you have registered your **HMP8100**, whether you have completed the registration, and what account you have used for registration.

- Select **Register > Registration information**.

To unregister HMP8100

To use another email address as your account with www.philips.com/welcome, you can unregister **HMP8100**.

- 1 Select **Register > Unregister**.
- 2 Confirm as prompted.

Upgrade

- 1 Make sure that you have connected **HMP8100** to the Internet.

- 2 Select **System updates > Upgrade**.
 - ↳ The device starts to check for the firmware update.
 - ↳ The firmware information is displayed.
- 3 Follow the onscreen instructions to download the firmware update to your device.
 - ↳ When the message "An update.zip is detected from your Device Storage. Do you want to have this update?" is displayed, the downloading is complete.
- 4 Select the option to start upgrading.



Note

- During the upgrading process, keep from operating **HMP8100**.
- Keep **HMP8100** powered on before the firmware update is complete.

Status and information about the device

- In **Status, IP address**: Display the IP address that is assigned to **HMP8100** when the device is connected a Wi-Fi network.
- **Wi-Fi MAC address**: Display the unique identifier that is assigned to the network adapter of **HMP8100**. If MAC address filtering is enabled on your router, add the MAC address of **HMP8100** to the list of devices that are allowed to join the network.
- **Serial number**: Find the serial number of your **HMP8100**.

Legal information: Legal information for **HMP8100**

Model number: Model no. of the device

Android version: Firmware version of the Android platform that the device is running on

Build number: Software version of **HMP8100**

8 Update the firmware

On **HMP8100**, you can update the firmware through Philips online services over the Internet.

Connect **HMP8100** to the Internet. You can receive notifications about firmware updates. Check notifications at the base of the screen.

Alternatively, go to Settings > About Mediabox > Systemupdates to check for firmware updates (see 'System updates' on page 45).

Update the firmware through the SD card

- 1 Remove the power plug from **HMP8100**.
- 2 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 and then, unzip the firmware update files.
 - ④ Save the unzipped files to the root directory of an SD card.
- 3 On **HMP8100**, do the following:
 - ① Mount the SD card.
 - ② Connect **HMP8100** to power.
 - ↳ The firmware updating starts automatically.

9 Troubleshooting

Model No. & SN

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.

USB content 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**").

HMP8100 does not respond to the pressing of keys

- Use the tip of a ball pen to press the **RESET** hole at the back of **HMP8100**.



The remote control cannot respond quickly to the pressing of keys

- Make sure that batteries have enough power. Insert two AAA batteries (1,100 mA) into the remote control (see 'Install batteries into the remote control' on page 20).

The new remote control does not work with the player

- For the remote control that is by-packed with **HMP8100**, the pairing has been completed in the factory. To use a new remote control with **HMP8100**, press **⏻** and **▶** to complete the pairing between the remote control and **HMP8100**.

The firmware updating is not complete after a long time

- If you update the firmware over the online service, it may take a long time to download the firmware update files from the server. To save your time, update the firmware through the SD card (see 'Update the firmware through the SD card' on page 47).

HMP8100 hangs during firmware updating

- If power is disconnected during firmware updating, **HMP8100** hangs.
- Do the following to restart the firmware updating:

1 Remove the power plug from **HMP8100**.

2 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 and then, unzip the firmware update file.
- ④ Save the unzipped files to the root directory of an SD card.

3 On **HMP8100**, do the following:

- ① Mount the SD card.
- ② Connect **HMP8100** to power.
↳ The firmware updating starts automatically.

10 Specification



Note

- Specification and design are subject to change without notice.

AC power adapter

- Philips ASSA36E-050250
Input: 100-240 V~ 50/60 Hz, 0.6 A
Output: DC 5.0 V, 2.5 A

USB connector

- Output: DC 5 V, 500 mA

Supported formats:

- Video: MPEG 1/2/4 (MPEG 4 Part 2), H.263, H.264/AVC, RealVideo (RV30, RV40 codec), RMVB/RM/RV, VP8, VC-1, 3GPAVI, MKV, MP4/M4V, MPG/MPEG, TS, DAT
- Audio: Dolby digital, DTS, AAC/M4A, AMR-NB, AMR-WB, FLAC, HE-AAC V1, V2, MIDI, MP3, OGG Vorbis, PCM (WAV audio files), ADPCM (Advanced Differential PCM), LPCM (Linear PCM), OGG .mid/.xm/.mxmf/.rtttl/.rtx/.ota/.imy, RA, WAV
- Picture: BMP, JPEG, JPEG Progressive, PNG, TIFF, WEBP
- MP3 ID3 tag

HDD & USB support

- Compatibility: Hi-Speed USB (2.0)
- NTFS, FAT32, FAT16
- USB MSC support

Video

- HDMI output: 480i, 480p, 576i, 576p, 720p, 720p/24, 1080i, 1080p, 1080p/24

Audio

- HDMI output
- Optical output
- Analog stereo 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): 191.8 x 148.2 x 35.6 mm
- Net Weight: 0.265 Kg



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