



# **HP Smart Wi-Fi Display**

User Manual

Revision 0.5

- FCC Compliance Statement.....**4**
- What's in the Box.....**5**
- Getting Started.....**6**
- Remote Control.....**7**
  - Description of Buttons.....**8**
  - General Navigation.....**10**
  - Rotating Pictures.....**10**
  - Quadrant Display.....**10**
  - Single Display.....**11**
  - Standby.....**11**
- Picture Frame.....**12**
  - Top View.....**12**
  - Left Side.....**12**
  - Right Side.....**13**
  - Back.....**13**
- Initial Frame Setup.....**14**
  - Clock Info.....**14**
  - Setup Wizard.....**14**
  - Running the Wireless Network Configuration Wizard on your Computer (optional).....**16**
  - Local Settings.....**18**
- Description of Main Menu.....**19**
  - Frame Content.....**19**
  - Internet Content.....**19**
  - Home Network.....**20**
  - Favorites.....**20**
  - Time.....**21**
  - Network Signal Icon.....**21**
- Viewing Photos.....**22**
  - Photo/Picture Slide Show.....**22**
  - Printing a Photo.....**23**
- Configuring Access to Online Content.....**24**
  - Setting Up your www.hpframe.com Account.....**24**
  - Adding Another Frame to your www.hpframe.com Account.....**27**

- Managing your www.hpframe.com Account .....**28**
- Online Services.....**29**
- Recent Updates .....**33**
- Streaming Media from your PC to your HP Smart Wi-Fi Display .....**34**
  - Enabling Windows Media Player 11 UPnP.....**34**
- Connecting your HP Smart-WiFi Display to your Computer with the USB Cable .....**38**
- Using Headphones or Speakers with your HP Smart Wi-Fi Display.....**38**
- Resetting the Frame .....**39**
- Cleaning and Care Tips .....**40**
  - Cleaning the screen .....**40**
  - Cleaning the frame and backing .....**40**
- Feedback .....**40**
  - Feedback about this User Manual .....**40**
- Getting Help .....**40**
- Specifications .....**42**
- Frequently Asked Questions .....**43**
- Troubleshooting .....**45**

# FCC Compliance Statement

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

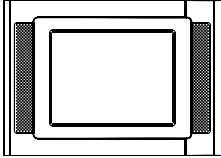

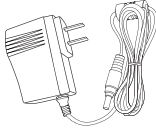





If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution:** To assure continued compliance, use only shielded interface cables when connecting to computer or peripheral devices. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

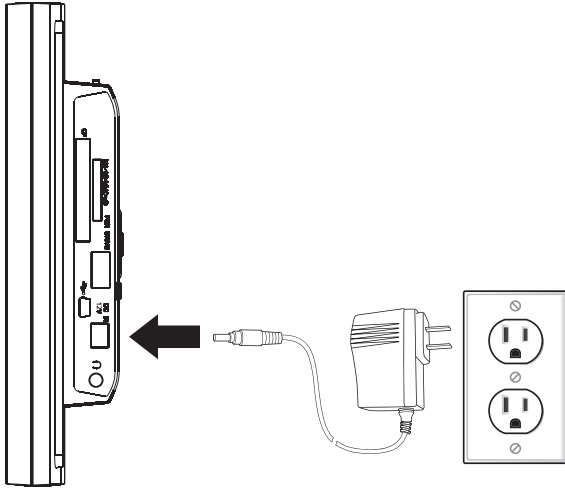
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# What's in the Box

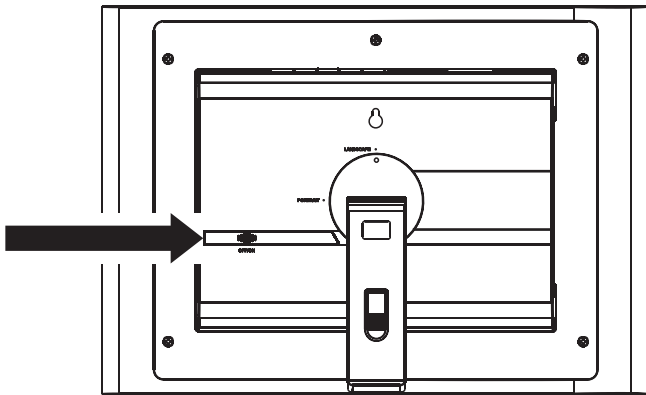
Qty	Item	Image
1	HP Smart Wi-Fi Display	 A square smart display with a white bezel and a black screen, shown in a perspective view.
1	Remote Control (Replacement Battery = CR2025)	 A black remote control with various buttons, including a directional pad and function keys.
1	Universal Power Adapter	 A white universal power adapter with a power cord and a USB cable.
1	USB 2.0 Cable	 A white USB 2.0 cable with a standard USB-A connector on one end and a USB-B connector on the other.
1	User Manual	 An icon representing a user manual, showing a stack of papers with a large question mark on top.
1	Quick Start Guide	 An icon representing a quick start guide, showing a stack of papers.
1	Warranty Document	 An icon representing a warranty document, showing a sheet of paper with a circular logo containing the letter 'W' and a starburst.
1	Declaration of Conformity	 An icon representing a declaration of conformity, showing a sheet of paper with the CE mark.

# Getting Started

1. Connect the power cord into the DC input of the HP Smart Wi-Fi Display and plug the adapter into a power outlet.



2. Unfold the attached stand to its extended position and rotate 90°, then slide the Power switch on the back of the HP Smart Wi-Fi Display to the ON position.














# Remote Control

Before you start, pull the tab from the remote control to activate it.










**Note:** If a replacement battery is required, purchase battery #CR2025.

## Description of Buttons

	<b>Back:</b> Press to return to previous menu screen.
	<b>Standby:</b> Press to put the display into standby mode or take it out of standby mode.
	<b>Home:</b> Press to return to Main Menu.
	<b>Time:</b> Press to display Time menu.
	<b>Photo Rotate:</b> Press to rotate photo 90° counter clockwise.
	<b>Favorites:</b> Press to display Favorites menu.
	<p><b>Music:</b> Toggles between different selections, as follows.          Press once: shows "now playing" (if something is playing)          Press again: goes to local frame content          Press again: goes to Internet radio menu          Press again: goes to home network music menu</p> <p><b>Note:</b> Internet radio and home network music will not be accessed if the frame is not connected to the network.</p>
	<p><b>Slideshow:</b> Toggles between different selections, as follows.          Press once: shows local frame content          Press again: goes to Internet photos menu          Press again: goes to home network photos menu</p> <p><b>Note:</b> Internet photos and home network photos will not be accessed if the frame is not connected to the network.</p>
	<b>Up:</b> Press to move up.
	<b>Left:</b> Press to move left.
	<b>Select:</b> Press to select highlighted item.



	<p><b>Right:</b> Press to move right.</p>
	<p><b>Down:</b> Press to move down.</p>
	<p><b>Play/Pause:</b> Press to play or pause music, video or slide shows.</p>
	<p><b>Volume Up/Mark:</b> Press to increase volume, or, depending on screen, to mark a menu item.</p>
	<p><b>Options:</b> Press to display available options.</p>
	<p><b>Print:</b> Press to print photo to compatible printer.</p>
	<p><b>Volume Down/Unmark:</b> Press to decrease volume, or, depending on screen, to unmark a menu item.</p>

## General Navigation

In most cases you can use the navigation buttons (**Up, Down, Left, Right**) and the **Select** button to navigate through the different menus. Sometimes, however, it may be quicker to use one of the specific menu buttons, such as the **Home, Favorites,** or **Music** buttons, which take you to the menu you want with a single press.

Note that, as the HP Smart Wi-Fi Display has to communicate with 3rd party websites, as well as hpframe.com, there are times when the frame is busy with this communication, and it can cause delays in responding to the remote control.

## Rotating Pictures

To rotate pictures, press the **Photo Rotate** button.

## Quadrant Display

When viewing a slide show, you can either choose to view photos one at a time or in a Quadrant display.

There are two ways to enable the Quadrant display:

1. From the **Setup** menu, choose **Local Settings**, then change **Slideshow Mode** to **Quadrant**. For more information, see “Local Settings” on page 18.
2. During slide show playback, press the **Options** button on the remote, and change **Slideshow Mode** to **Quadrant**.
3. Press the **Back** button to return to the slide show.

When the Quadrant option is chosen, the screen is divided into four, and the top two quarters display images in a slide show fashion, while the bottom two quarters display the clock and calendar.

You can navigate the quadrants using the remote, as follows:

1. Press the **Select** button on the remote control. This will highlight the upper-left quadrant.
2. Use the navigation buttons to select one of the four quadrants.
3. Press the **Select** button again to display a list of items that can be displayed in that quadrant. Choose which item you wish to be displayed, and press **Select** again.

**Note:** If you wish to keep this setup for next time, press the **Options** button and choose **Save Quadrant Setup**.

## Single Display

By default, the HP Smart Wi-Fi Display will show photos in Single display mode, meaning that the slide show will display one photo at a time. If you have changed to Quadrant display and would now like to return to viewing one photo at a time, then you can return to Single display.

There are two ways to enable Single display:

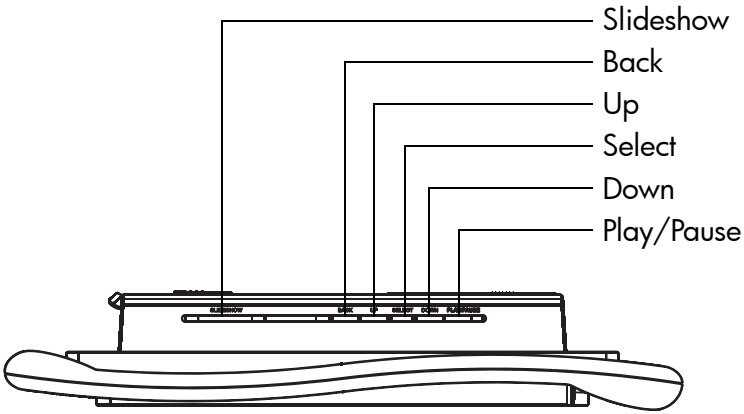
1. From the **Setup** menu, choose **Local Settings**, then change **Slideshow Mode** to **Single**. For more information, see "Local Settings" on page 18.
2. During slide show playback, press the **Options** button on the remote, and change **Slideshow Mode** to **Single**.
3. Press the **Back** button to return to the slide show.

## Standby

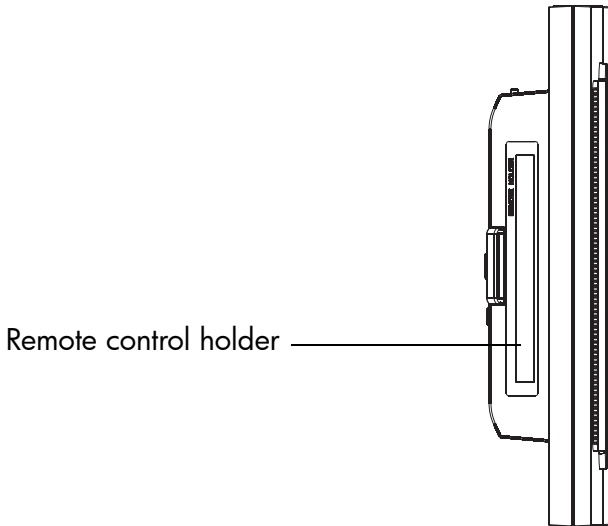
To stop the current frame function and turn off the display, simply press the **Standby** button. To turn off the HP Smart Wi-Fi Display completely, you must use the power switch on the back of the display.

# Picture Frame

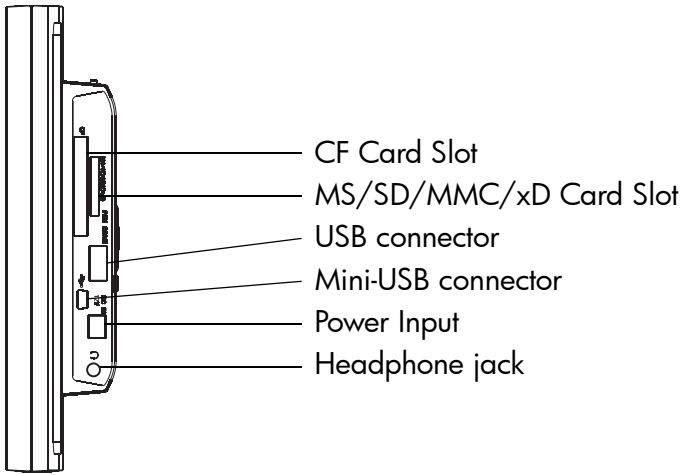
## Top View



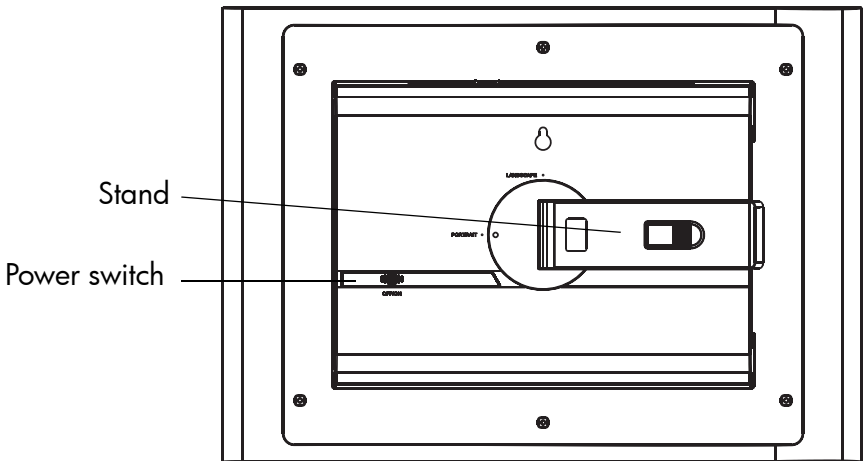
## Left Side



## Right Side



## Back



# Initial Frame Setup

The following instructions are shown using the remote control unit. Some of these functions can also be accessed via the control keys located on the back of the HP Smart Wi-Fi Display.

## Clock Info

The date and time are automatically set when your HP Smart Wi-Fi Display connects to the Internet.

The time zone, and daylight savings options are derived from the ZIP Code that you enter when setting up your [www.hpframe.com](http://www.hpframe.com) account.

You can also manually adjust the time. See “Manually setting the date and time” on page 21 for more information.

## Setup Wizard

The **Setup Wizard** helps you get your HP Smart Wi-Fi Display up and running and will run automatically when the frame is powered on for the first time, or if the frame has been reset to factory default settings. In this case, you can skip to step 2 below.

1. From the **Setup** menu, navigate to **Setup Wizard** and press the **Select** button.
2. The welcome screen appears, which will guide you through the setup procedure.  
**Note:** At any stage, press the **Select** button to go to the next screen.
3. The tutorial begins, and explains the buttons on the remote control. Follow the on-screen instructions to learn about the remote control buttons and their functions.
4. The **Network Setup** now appears.
5. Use the **Up** or **Down** buttons to highlight your wireless network name (note that you may need to scroll down if more networks are available than fit on the screen), then press the **Select** button to select.

**Note:** If you are connecting to a non-broadcasting wireless network, then choose **Setup Hidden Network WEP**, **Setup Hidden Network WPA**, or **Setup Hidden Network Open**, depending on which security is used by your network. If necessary, you will then be offered the chance to enter the network SSID manually by using the remote control to move through the letters on the virtual keyboard. If required, use the **Mark** button to cycle through the virtual keyboards.

**Note:** Alternatively, you can configure your HP Smart Wi-Fi Display using **Windows Connect Now (WCN)** technology. To do so, run the **Wireless Network Configuration Wizard** on your computer and insert the WCN USB flash disk into the HP Smart Wi-Fi Display once the wizard is complete. For more information on running the **Wireless Network Configuration Wizard** on your computer, see “Running the Wireless Network Configuration Wizard on your Computer (optional)” on page 16.

6. If required, enter security details, such as the password, using the remote control to move through the letters on the virtual keyboard. If required, use the **Mark** button to cycle through the virtual keyboards. This step is not necessary if the wireless network does not have security.

**Note:** You can exit **Network Setup** by pressing the **Home** button. Your HP Smart Wi-Fi Display will still work, but you will not have network/Internet access until you go through **Network Setup** again.

7. When finished, press the **Play/Pause** button to enter the password.
8. You will now see a screen with information required to complete the setup process online. This information includes the website address you should visit from your computer, your **Device ID** and your **Authorization Code**. Keep a note of these details, as you will need them to set up your [www.hpframe.com](http://www.hpframe.com) account. For more information on the online setup process, see “Setting Up your [www.hpframe.com](http://www.hpframe.com) Account” on page 24.

**Note:** The authorization code changes over time, or if you go through the **Setup Wizard** again. The current code can always be found by going to **Setup > System Information**.

# Running the Wireless Network Configuration Wizard on your Computer (optional)

As an alternative to manually entering Wi-Fi details into your HP Smart Wi-Fi Display, you can use the Wireless Network Configuration Wizard on your computer.

## Windows XP (Service Pack 2 or later)

1. On your computer, click **Start > Control Panel**
2. Double-click **Wireless Network Setup Wizard**.
3. The **Wireless Network Setup Wizard** begins. Click **Next**.
4. If the wireless network you wish to connect to has not previously been set up on your computer, check the check box beside **Set up a new wireless network**. Click **Next**.

Alternatively, if the wireless network you wish to connect to has previously been set up on your computer, check the check box beside **Add new computers or devices to the \*\*\*\* network**, where "\*\*\*\*" refers to the name of your wireless network. Click **Next**.

5. If you have chosen **Set up a new wireless network** in the previous step, you will now be asked to enter the Network name (SSID), choose whether to have Windows assign a network key automatically (check the box beside "Automatically assign a network key"), or enter one manually (check the box beside "Manually assign a network key"), and finally choose whether to check the box beside "Use WPA encryption instead of WEP" depending on which type of security your network uses. Click **Next**.
6. If you have chosen to enter the network key manually in the previous step, you will be asked to do so now (then click **Next**). If you have chosen to have Windows assign a network key automatically, then this step is skipped.
7. Check the check box beside **Use a USB flash drive (recommended)**. Click **Next**.
8. Plug your USB flash drive into any USB port on your computer and then wait for the drive letter to appear in the "Flash drive" field. Click **Next**.
9. When advised to do so, remove the USB flash drive and plug it into your HP Smart Wi-Fi Display to finish the set up of the Wi-Fi connection.
10. Once the Smart Wi-Fi Display Wi-Fi connection is set up, unplug the USB flash drive and plug it back into your computer. Click **Next**.
11. Click **Finish**.



## Windows Vista

1. On your computer, click **Start** > **Network**. The **Network** folder opens.
2. Click **Add a wireless device**. The **Add a wireless device to the Network** screen is displayed.
3. Click **I want to add a wireless device or computer that is not on the list, using a USB flash drive**.
4. Click **Add the device or computer using a USB flash drive**.
5. From the list that appears, select your network name (SSID), then click **Next**.
6. If the **User Account Control** screen appears, click **Continue** (you may need to repeat this).
7. Connect your USB flash drive to the computer, confirm that the drive name is displayed, then click **Next**.
8. Once this step is complete, remove the USB flash drive from the computer, then click **Close**.
9. Plug the USB flash drive into your HP Smart Wi-Fi Display to finish the set up of the Wi-Fi connection.

## Local Settings

The **Local Settings** menu lets you configure various settings on your HP Smart Wi-Fi Display.

From the **Setup** menu, navigate to **Local Settings** and press the **Select** button. The following options are displayed. Use the navigation buttons to highlight the option you wish to change, then use the **Select** button to change the setting.

- **Set Wake/Sleep/Alarm** - Set the wake time, sleep time, or alarm. See “Setting Wake/Sleep/Alarm times” on page 21 for more information.
- **Slideshow Mode** - Choose between [Single] or [Quadrant]. [Quadrant] divides the screen into four, and shows photos in the top two quadrants and the clock and calendar in the bottom two during slide shows. You can also customize what is displayed in Quadrant mode. See “Quadrant Display” on page 10 for more details.
- **Slideshow Shuffle** - Displays photos in random order during slide show.
- **Slideshow Repeat** - Repeats the slide show once the last photo is displayed.
- **Slideshow Interval** - Lets you set the amount of time each photo is displayed during slide shows.
- **Music Shuffle** - Plays music in random order
- **Music Repeat** - Repeats music once the last track is finished.
- **Music Autoplay** - Automatically plays music during slide shows when music files are present in the same folder as the photo files.
- **Photo Autoplay** - Automatically starts a slide show when the HP Smart Wi-Fi Display is switched on and a memory card or USB storage device is inserted.
- **USB Mode** - Choose whether to use the mini-USB port to connect to a computer or a printer (using the included mini-USB to USB cable).
- **Photo Mode** - Choose whether to see photos at an optimized size [Optimal] or in its original size [Original]. When [Optimal] is chosen, the photo size may be increased to fit the height or width of the screen.
- **Photo Effect** - Choose to see your photos in their original color [Normal], Black & White [Black & White], or with an old-fashioned look [Old-Fashioned].
- **Photo Auto-Compress** - Choose whether or not to automatically compress the photo file size.

# Description of Main Menu

The Main Menu can be accessed by pressing the **Home** button on the remote control.



To navigate through the menu, use the directional buttons on the remote control, then press the **Select** button to choose the highlighted item.

The **Main Menu** has six main icons: **Frame Content**, **Internet Content**, **Home Network**, **Favorites**, **Time**, and **Setup**.

Other icons sometimes appear on this screen, such as the network signal icon in the top right corner (see “Network Signal Icon” on page 21 for more information) and the recent updated icons in the bottom right corner (see “Recent Updates” on page 33 for more information).

## Frame Content

**Frame Content** describes the content which is available on the HP Smart Wi-Fi Display itself, including any connected memory cards/USB flash drives. You can access lists of available photos, music, or videos, or browse manually by folder.

## Internet Content

**Internet Content** describes the content which is available to you through the Internet. Before you use the **Internet Content** features on your HP Smart Wi-Fi Display, you should set up your [www.hpframe.com](http://www.hpframe.com) account. For more information see “Setting Up your [www.hpframe.com](http://www.hpframe.com) Account” on page 24.

On your HP Smart Wi-Fi Display, from the **Main Menu**, navigate to **Internet Content** and press the **Select** button. The **Internet Content** menu appears, with a list of the content you have set up online, such as Internet radio, photo hosting

sites or gadgets like the weather forecast. Any time you change this list online, the **Internet Content** list will automatically update soon after. Navigate to the item you are interested in and then press the **Select** button.

## Home Network

**Home Network** refers to the computers or home servers on the same network as your HP Smart Wi-Fi Display that are set up to share photos, music and video with your device. Before you use the **Home Network** features on your HP Smart Wi-Fi Display, you should set up your computer(s) to share media content. For more information, see “Streaming Media from your PC to your HP Smart Wi-Fi Display” on page 34.

On your HP Smart Wi-Fi Display, from the **Main Menu**, navigate to **Home Network** and press the **Select** button. A list of available computers/servers appears. Navigate to the server you are interested in and then press the **Select** button. A list of available shared content is displayed. Navigate to the item you are interested in and then press the **Select** button.

## Favorites

The **Favorites** menu lists the HP Smart Wi-Fi Display features you use most. Often it is quicker to go to the Favorites than to navigate through several menus. You can add items to the **Favorites** list by highlighting an item, pressing the **Options** button, and then choosing **Add to Favorites**.

See below for an example of adding a photo from an inserted USB flash drive to favorites:

1. From the **Main Menu**, select **Frame Content**.
2. Select **Photos**.
3. Select **USB Card**.
4. Select **All Photos**.
5. Navigate to the photo you would like to add to favorites and press the **Options** button on the remote control.
6. Select **Add to Favorites**.

You can now access this photo directly by going to **Main Menu > Favorites > Photos**, where you will find a direct link to the photo.

## Time

The **Time** menu lists several time and date options.

### Automatically setting the date and time

By default, when you connect to the Internet, your HP Smart Wi-Fi Display configures the time and date according to the ZIP Code that you entered when you set up your [www.hpframe.com](http://www.hpframe.com) account.

### Manually setting the date and time

To adjust the date or time manually, select **Set Date/Time** from the **Clock** menu. Use the navigation buttons and **Select** to change the values.

**Note:** This option is only available when you are not connected to the network.

### Setting Wake/Sleep/Alarm times

You can program your HP Smart Wi-Fi Display to turn itself on and off at times you pick during the day. You can also set up your HP Smart Wi-Fi Display to alert you with an alarm. To set up these three options, choose **Set Wake/Sleep/Alarm** from the **Clock** menu. Use the navigation buttons and **Select** to change the values.

**Note:** The volume of the alarm is based on the HP Smart Wi-Fi Display's current volume settings. Therefore, be sure that this is set to a suitable level.

### Displaying the clock

To display the clock, from the **Clock** menu, select **Current Time**.

### Displaying the calendar

To display the calendar, from the **Clock** menu, select **Calendar**.

## Network Signal Icon

When you have access to a wireless network, the network signal icon appears in the top right corner of the Main Menu and is shown below.



It consists of three bars, each of which can be gray or blue. The more blue bars appear, the stronger the signal, so three blue bars would indicate a strong signal.

# Viewing Photos

## Photo/Picture Slide Show

### Slide show modes

Slide show mode will begin automatically a few seconds after the HP Smart Wi-Fi Display is powered on if an external memory card/USB flash drive is inserted. If more than one memory card or USB flash disk is inserted, then the contents of the most recently inserted one will be shown. There are two slide show modes, one with background music and the other without.

- **Slide show with music** – This is possible with photos/pictures and music files on an external memory card or USB flash drive. The default setting is for the HP Smart Wi-Fi Display to play music during the slide show. You can change this preference in settings.  
You can also manually start music playback and then navigate to (and start) photo playback. This works for local, UPnP, and Internet content. For example, you can listen to music from a USB flash drive while viewing photos from an online photo host, such as Facebook, as follows:
  1. Navigate to **Frame Content** > **Music** > **USB Card** > **Tracks**, and choose a song to play.
  2. While the song is playing, press the **Home** button on the remote.
  3. Navigate to **Internet Content** > **Photos** > **Facebook**, and choose an album for the slide show.
- **Slide show without music** – This is possible with photos/pictures on either internal or external memory sources.

You can also choose to start a slide show manually at any time. To do so, go to **Frame Content**, **Internet Content**, or **Home Network** then navigate to start photo playback.

There are two ways to choose photo viewing options:

- **Setup** menu  
Navigate to the **Setup** menu and then **Local Settings**. For more information, see “Local Settings” on page 18.
- **Options** button  
Press the **Options** button while viewing photos. You will be given most of the same options as in **Local Settings**, with the addition of **Copy File**. This function allows you to copy a photo from a memory card and paste it to internal memory, for example. After choosing **Copy File**, you will be given a list of destinations. Simply choose the destination you prefer and the file will be pasted there.

## Printing a Photo

You can print a photo to any PictBridge-compatible printer.

First make sure that you have connected a PictBridge-compatible printer to your HP Smart Wi-Fi display using the supplied USB to mini-USB connector. The USB connector should be attached to the printer, and the mini-USB connector should be attached to your HP Smart Wi-Fi Display.

**Note:** Make sure that **USB Mode** is set to **Printer**, according to the instructions in “Local Settings” on page 18.

While viewing a photo that you would like to print, press the **Print** button on the remote control. You will be asked to confirm that you want to print the photo. Navigate to **Yes** and press the **Select** button.

# Configuring Access to Online Content

The HP Smart Wi-Fi Display can stream media from the Internet, including photos from various photo hosting sites, video from YouTube, music from Internet radio, the weather, or Tweets from Twitter.

## Setting Up your [www.hpframe.com](http://www.hpframe.com) Account

To view Internet content on your HP Smart Wi-Fi Display, you must first set up an account via the <http://www.hpframe.com> website, as follows:

1. On your computer, go to <http://www.hpframe.com>. You will see a web page similar to the following:

The screenshot shows the HP website's product page for the HP Smart Wi-Fi Display. At the top, there is a navigation menu with links for Home, Products & Services, Support & Drivers, Solutions, and How to Buy. Below the menu is a search bar and a language selector set to 'United States-English'. The main content area features the HP logo, the product name 'HP Smart Wi-Fi Display', and a brief description: 'Share and receive pictures and videos from family and friends.' A large image shows a woman using a laptop next to the display. Below the image is a 'Welcome' section with a paragraph describing the product's capabilities. At the bottom of the page, there is an 'HP Smart Wi-Fi Display Information' section with a numbered list of three steps. A button labeled 'Set up your display now' is located on the right side of the page, with an arrow pointing to it from the text 'click here to proceed'.

United States-English

» HP Home » Products & Services » Support & Drivers » Solutions » How to Buy

» Contact HP Search: [input] Go

» Home & Home office All of HP USA

**hp** HP Smart Wi-Fi Display

Share and receive pictures and videos from family and friends.

» **HP.com**

- » Home and Home office
- » Small & Medium Business
- » Government & Education

Shop

- » Buy from HP
- » Find a Retailer
- » Rebate Center

Enjoy photos, music and video from PCs on your home network as well as Internet sources.

**Welcome**

The HP® Smart Wi-Fi Display is a full-featured wireless digital picture frame that lets you quickly and easily access digital content on the frame, on the Internet or on a home server or PC. It lets you enjoy and share photos from online photo sharing sites, access popular social networking sites, listen to Internet radio and receive information such as weather forecasts. The HP Smart Wi-Fi Display is a smart choice for personal use or as a gift to your loved ones.

**Set up your display now »**

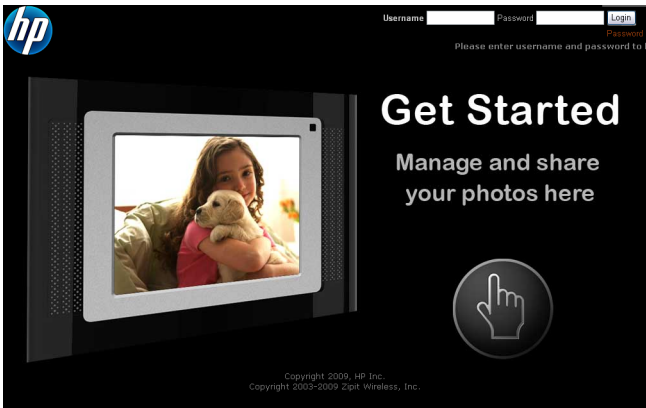
**HP Smart Wi-Fi Display Information**

1. Power on your HP Smart Wi-Fi Display and follow the wizard to get your display connected to your home network.
2. Click on the "Set up your display now" button on the right hand of this page to configure the Internet content you wish to view on your display.
3. Enjoy your HP Smart Wi-Fi Display!

click here to proceed

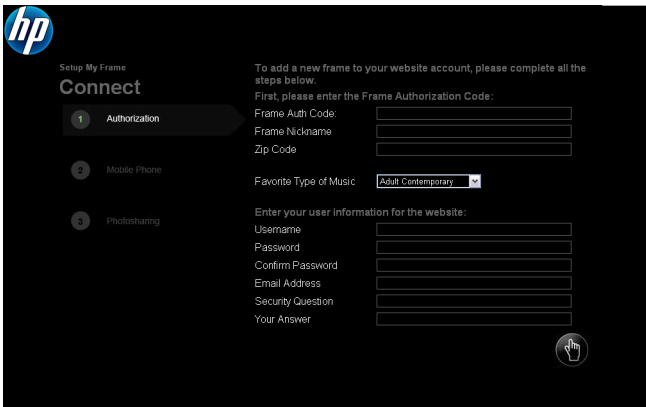



2. Click **Set up your display now** to proceed. You will now see the following screen:



3. Click  to continue.

4. The following screen appears:



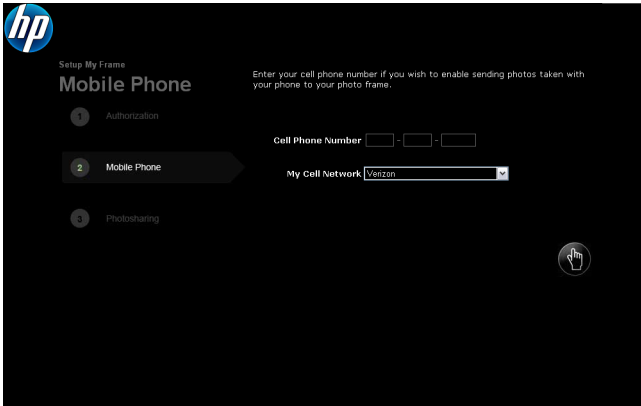
5. Fill in the required information and click  to continue.

**Note:** One item you will need to enter on this page is the **Frame Authorization Code**. This is displayed when you complete the **Setup Wizard** on your HP Smart Wi-Fi Display. See “Setup Wizard” on page 14 for


more details. If you have misplaced this code, then you can go to **Setup > System Information** to see it again.

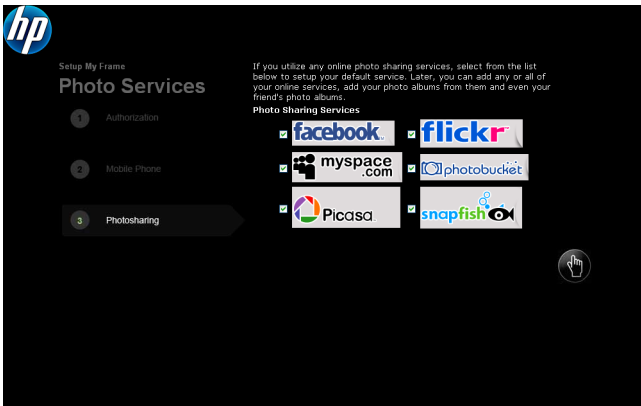
Also note that the authorization code changes over time, or if you go through the **Setup Wizard** again, so it is worth checking **System Information** to make sure that you have the latest code.

6. The following screen appears:



7. To send photos from your cell phone to your HP Smart Wi-Fi Display enter your cell phone number. If you do not wish to use this feature, leave it blank.

8. Click  to continue. The following screen appears:



9. Choose the online photo sharing services you use and would like to view on your HP Smart Wi-Fi Display. You can change this list after your [www.hpframe.com](http://www.hpframe.com) account is set up.



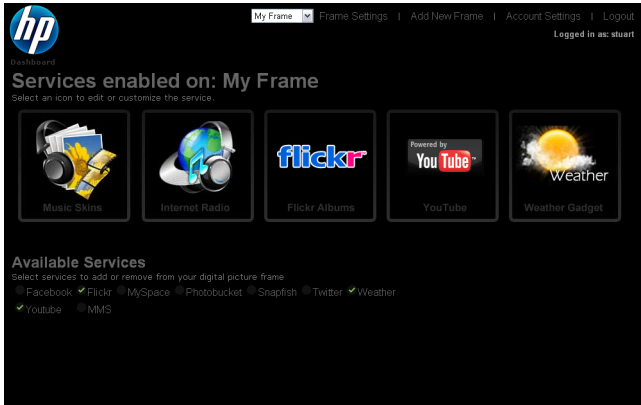
10. Click  to continue. Your [www.hpframe.com](http://www.hpframe.com) account is now set up.

## **Adding Another Frame to your [www.hpframe.com](http://www.hpframe.com) Account**

You can set up more than one HP Smart Wi-Fi Display on the same [www.hpframe.com](http://www.hpframe.com) account. After the first one is set up, simply click on **Add New Frame** (at the top of the web page) and enter the new frame's details.

## Managing your www.hpframe.com Account

You can manage your www.hpframe.com account via a computer at any time by going to <http://www.myframemanager.com> and logging in using the user name and password you specified when setting up your www.hpframe.com account. Once logged in, you will see a screen similar to the following:



In the upper portion of the screen, you will see which services you have already selected. You may need to configure or customize these further before they appear on your HP Smart Wi-Fi Display. Click on the icons to configure or customize the service(s) you have chosen. For more information, see “Online Services” on page 29.

In the lower portion of the screen, you will see the list of additional services available. To add any of these services, check the box beside the one(s) you want.

Similarly, if you wish to remove any services, simply uncheck the box in this portion of the screen.

## Online Services

### Music Skins

To customize the look of the music player on your HP Smart Wi-Fi Display, click on **Music Skins** in your [www.hpframe.com](http://www.hpframe.com) account. You will see various different styles available. Click **add** below the one you prefer and in a few moments the look of your HP Smart Wi-Fi Display's music player will be updated. Note that you can only choose one skin at a time, but you can change it as often as you need.

### Internet Photos

You can stream photo albums from photo hosting sites such as **Snapfish, Picasa, Flickr, Photobucket, Facebook, and MySpace** to your HP Smart Wi-Fi Display. Simply add the sites you would like to use, via your [www.hpframe.com](http://www.hpframe.com) account. For more information on adding photo sharing sites to your [www.hpframe.com](http://www.hpframe.com) account, see "Managing your [www.hpframe.com](http://www.hpframe.com) Account" on page 28.

Note that you need to have already set up an account at any photo hosting sites you wish to add.

Once added and configured via your [www.hpframe.com](http://www.hpframe.com) account, you can view online photos on your HP Smart Wi-Fi Display by navigating to **Internet Content > Photos**.

### Internet Radio

You can stream online radio to your HP Smart Wi-Fi Display, as follows:

1. Click on the **Internet Radio** icon in your [www.hpframe.com](http://www.hpframe.com) account, as shown below:



2. A new screen will appear. On the left of the screen you will see a list of available radio stations. Above this list are drop-down menus to change the **Country, City, Genre** and **Language**, which will change the list of radio stations offered to you. On the right of the screen you will see which stations have already been added to your HP Smart Wi-Fi Display's playlist.

3. To add a station, simply click **add** beside the station(s) you like. The station(s) will be added to the playlist on the right of the screen, and a few moments later the list of radio stations will be updated on your HP Smart Wi-Fi Display.

**Note:** To listen to Internet radio on your HP Smart Wi-Fi Display navigate to **Internet Content > Radio**.

### **Internet Video (YouTube)**

If you have an account with YouTube, you can stream videos to your HP Smart Wi-Fi Display, as follows:

1. Ensure that you have added **YouTube** to your list of enabled services (see “Managing your www.hpframe.com Account” on page 28 for more information).
2. Once the YouTube service appears in your list of enabled services, click on its icon, which is shown below:



3. On the page which appears, log into your YouTube account.
4. Once logged in, click **Allow Access**.

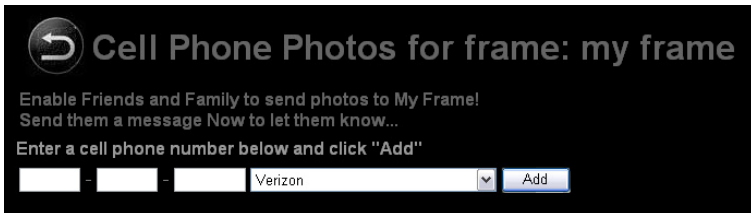
**Note:** To access YouTube videos on your HP Smart Wi-Fi Display, navigate to **Internet Content** and choose **Videos**, then **YouTube**.

## Allowing specific cell phones to send you pictures

You can receive pictures from specific cell phones on your HP Smart Wi-Fi Display. To set up the SMS/MMS photo service, click the **SMS/MMS Photos** icon in your [www.hpframe.com](http://www.hpframe.com) account, as shown below:



You will then see the following screen:



Enter the cell phone number of the cell phone you wish to have permission to send photos to your HP Smart Wi-Fi Display, choose the cell phone provider from the pull-down selection, and click **Add**. The cell phone details will then appear in a list below. The cell phone can be removed at any time by clicking **Delete**, which is found to the left of the phone number. Note that you can add more than one phone number to the list.

A message will be sent to the phone number(s) you have added, with a message similar to the following:

"Congrats! U can now send ur pics to *username's* HP Smart Wi-Fi Display! Send to: *username-ID@dpmms.com*".

When a photo is sent to your HP Smart Wi-Fi Display, you will see an SMS/MMS icon in the bottom right of the **Main Menu**. To see the new photo, navigate to **Internet Content > Recent Updates**, or **Internet Content > Photos** thereafter.

## Internet Gadgets

You can add gadgets, such as the weather, to your HP Smart Wi-Fi Display.

### Weather Gadget

To set up the weather gadget, click the **Weather** icon in your [www.hpframe.com](http://www.hpframe.com) account, as shown below:



You can enter up to three ZIP Codes and choose whether to display temperatures in Fahrenheit or Celcius.

To view the Weather gadget on your HP Smart Wi-Fi Display, navigate to **Internet Content > Gadgets > Weather**.

**Note:** If you have entered more than one ZIP Code, then the HP Smart Wi-Fi Display will show the weather for the first one for approximately one minute before moving on to the next one. To change between the screens instantly, click the **Right** or **Left** buttons on the remote control.



## Twitter

If you have an account with Twitter, you can stream Tweets to your HP Smart Wi-Fi Display, as follows:

1. Ensure that you have added **Twitter** to your list of enabled services (see “Managing your www.hpframe.com Account” on page 28 for more information).
2. Once the Twitter service appears in your list of enabled services, click on its icon, which is shown below:



3. On the page which appears, log into your Twitter account and click **Allow** to allow access.

**Note:** To view Twitter on your HP Smart Wi-Fi Display, navigate to **Internet Content > Gadgets > Twitter**.

## Recent Updates

Any time you make updates to your www.hpframe.com account, or new content is available, you will see an icon in the bottom right-hand corner of your HP Smart Wi-Fi Display. This icon is usually in the form of the feature which has been updated. For example, if you have just added the Facebook feature, then a small Facebook icon will appear in the bottom right corner of the **Main Menu** a few moments later. You can then navigate to **Internet Content** and then **Recent Updates** to see what has been updated. Once you have opened the items on this list, the small icons will disappear from the bottom right of the **Main Menu**.

# Streaming Media from your PC to your HP Smart Wi-Fi Display

Your HP Smart Wi-Fi Display can play the media files (photos, music, and video) stored on your PC or network attached storage device. The HP Smart Wi-Fi Display uses the Universal Plug and Play (UPnP) A/V streaming protocol to automatically find your PCs and servers, and will coordinate the streaming process between your PC/server and the HP Smart Wi-Fi Display.

Media streaming on your home network requires four conditions:

- You must have a PC or network attached storage device that provides a Universal Plug and Play (UPnP) A/V media server. For example, a Windows PC running Windows Media Player 11, or an HP MediaSmart Server will provide this media server functionality.
- Only media files are available for media streaming. The types of files that are considered "media" are: photographs, music (audio), and video. Non-media files, such as Microsoft Word documents, are not available for streaming.
- The media files stored on the PC or server must be of a type supported by the HP Smart Wi-Fi Display.  
**Note:** For the types of media files that are supported by the HP Smart Wi-Fi Display, see "Specifications" on page 42
- The UPnP A/V streaming method supports streaming of unprotected media files. Some files may be protected by a Digital Rights Management system, which may prevent the streaming of those files. Media files purchased and downloaded from an online Internet store are most likely protected.

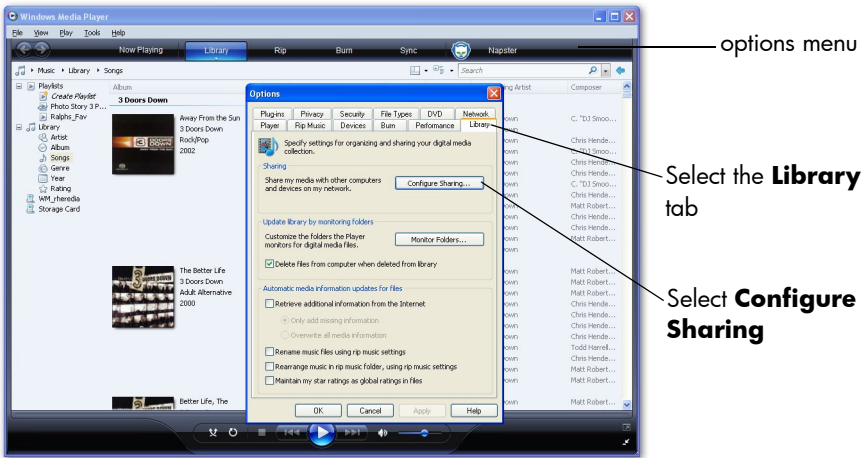
## Enabling Windows Media Player 11 UPnP

**Note:** The following section applies to Windows Media Player version 11. Windows Media Player is bundled with Microsoft Windows Vista and is also available as a Microsoft Windows XP update.

The HP Smart Wi-Fi Display supports media streaming from a PC on the same home network with Windows Media Player 11 installed. Once you have installed Windows Media Player 11 on the PC, you need to have media (photos, music, video) in the library. You then need to configure Windows Media Player 11 to share media from the **Tools/Options** menu by following the following screens.

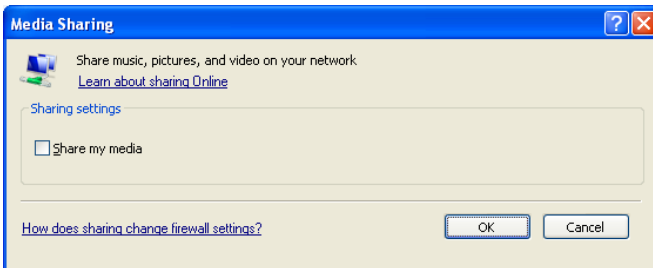
In Windows Media Player 11, select **Tools** from the menu bar and then select **Options** from the Tools menu.

**Note:** If the menu bar is not visible, right-click on a blank area of the options menu and choose **Tools**, then **Options** from there.



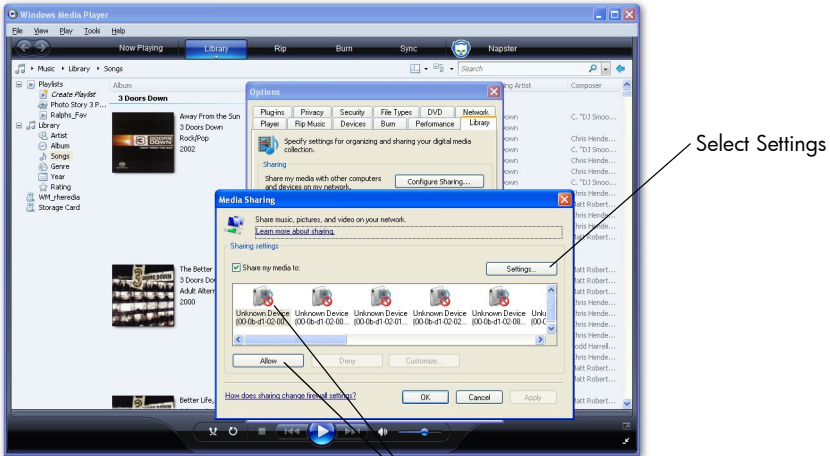
Select the **Library** tab and then select **Configure Sharing**.

If this is the first time that you have used this option, the following screen should be displayed when you select **Configure Settings**.



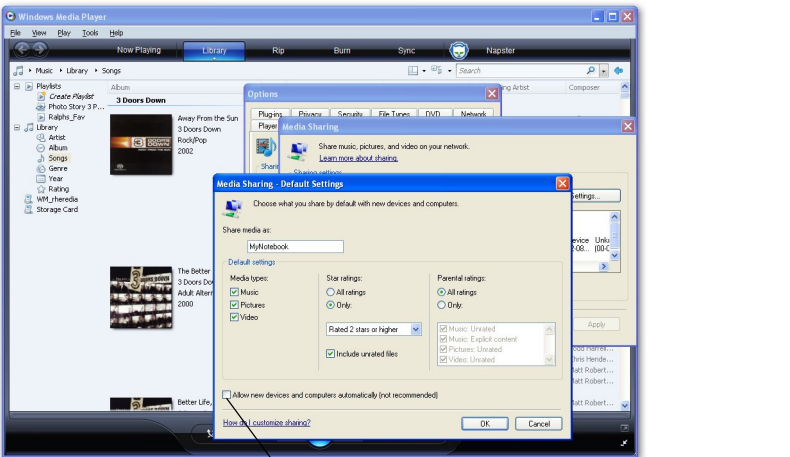
Click to place a checkmark next to **Share my media**, then click **OK**. You will now see the following screen.

**Note:** If Windows Media Player has detected the HP Smart Wi-Fi Display, it may list it as an unknown device.

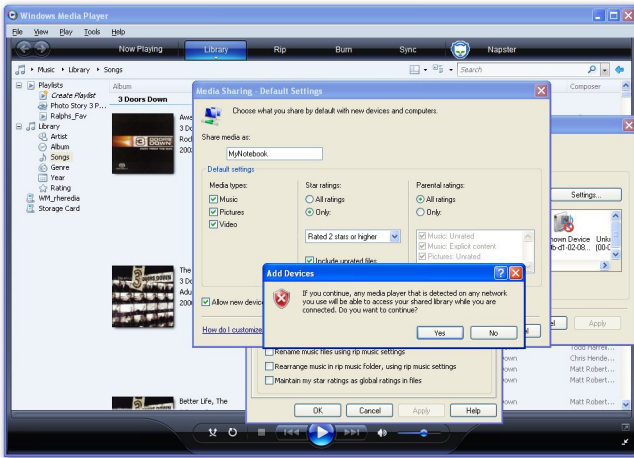


You may have to select the device and then click the Allow button on the screen

Selecting **Settings** from the above screen will then open up the **Default Settings** for Windows Media Player 11.



If you have multiple HP Smart Wi-Fi Display devices, you can enable Windows Media Player 11 to automatically share the music with all of them or you can enable it to share the music individually. If you select the **Allow new devices...** tab, the following message will be displayed. Click **Yes**.



Your HP Smart Wi-Fi Display will now discover the photos in the **Home Network** menu.

# Connecting your HP Smart-WiFi Display to your Computer with the USB Cable

You can connect your HP Smart Wi-Fi Display to your computer with the mini-USB to USB cable, as follows.

1. Ensure that the HP Smart Wi-Fi Display is correctly configured for PC connection by going to **Setup > Local Settings > USB Mode**, and setting it to **PC**. For more information on this setting, see “Local Settings” on page 18.
2. Connect the mini-USB end of the cable to the mini-USB connector on the HP Smart Wi-Fi Display.
3. Connect the USB end of the USB cable to an available USB connector on your computer. The computer will recognize the HP Smart Wi-Fi Display and any connected memory cards or USB flash memory drives and they will appear in the **My Computer** directory on your computer. You can now copy and paste files to or from these drives just like you would with any other external memory.

# Using Headphones or Speakers with your HP Smart Wi-Fi Display

To use headphones or external speakers, plug them into the headphone jack on the right side of the HP Smart Wi-Fi Display. For the exact location of the headphone jack, see “Right Side” on page 13. The internal speakers are disabled while the headphone jack is in use.

# Resetting the Frame

You can reset your HP Smart Wi-Fi Display to factory default settings, as follows:

1. From the **Main Menu**, navigate to **Setup** and press the **Select** button.
2. Navigate to **Factory Defaults** and press the **Select** button.
3. You will be asked to confirm that you want to reset your HP Smart Wi-Fi Display. Select **Yes**.
4. The frame will reboot once it is reset.

**WARNING:** Setting your HP Smart Wi-Fi Display to factory default settings will delete all media files on the internal memory. Your frame will also be removed from the website, and you will need to add the frame again with the new authorization code that you will see after going through the setup wizard. For more information on the setup wizard, see “Setup Wizard” on page 14. For information on adding a new frame, see “Adding Another Frame to your www.hpframe.com Account” on page 27.

# Cleaning and Care Tips

Please power off the HP Smart Wi-Fi Display before cleaning.

DO NOT push on the screen too firmly.

DO NOT spray or pour liquid cleaning agents directly on the screen or frame.

DO NOT use ammonia, alcohol, or abrasive detergent cleaning agents.

## Cleaning the screen

1. Wipe screen with a clean, soft, lint-free cloth to remove dust and loose particles.
2. If further cleaning is required, apply an appropriate cleaning agent (approved for LCD displays) to a clean, soft, lint-free cloth and wipe the screen.  
**Note:** Do not apply too much pressure on the screen to avoid damaging it.

## Cleaning the frame and backing

1. Use a clean, soft, lint-free cloth to remove dust and loose particles.
2. If desired, apply an appropriate cleaning agent to a clean, soft, lint-free cloth and wipe the appropriate surfaces.

# Feedback

## Feedback about this User Manual

If you find an error in this user manual or just have a suggestion, send an e-mail to [manuals@hp.com](mailto:manuals@hp.com). The information you send is used to help to develop future revisions of this manual. You will not get a response to your e-mail. If you require customer support, go to the website [www.hp.com/support](http://www.hp.com/support).

# Getting Help

Should you have a technical support question or your HP Digital Picture frame require service within the warranty period, please contact the original point of purchase or an authorized HP reseller in your country. If service is not available at those locations, please contact an HP Branded Product warranty agent from the support contact list provided below. A service agent will work with you to troubleshoot your issue and if necessary, issue a Return Material Authorization (RMA) number in order to replace your HP Branded Product. For warranty claims, you will be required to provide a copy of your original dated sales receipt as proof of purchase and the issued RMA number. You will be responsible for shipping



charges when shipping the product to the service center. The service agent will provide you with an address and you will also be responsible for any shipping charges to the warranty service center. Once your product is received by this service center, a replacement unit will be shipped back to you typically within 5 business days.

Email Support:	
Language	Email Address
Dutch	<a href="mailto:hollands@hpodd.com">hollands@hpodd.com</a>
Chinese	<a href="mailto:simp.chinese@hpodd.com">simp.chinese@hpodd.com</a>
	<a href="mailto:trad.chinese@hpodd.com">trad.chinese@hpodd.com</a>
English	<a href="mailto:english@hpodd.com">english@hpodd.com</a>
Français	<a href="mailto:français@hpodd.com">français@hpodd.com</a>
Deutsch	<a href="mailto:deutsch@hpodd.com">deutsch@hpodd.com</a>
Italiano	<a href="mailto:italiano@hpodd.com">italiano@hpodd.com</a>
Japanese	<a href="mailto:nippon@hpodd.com">nippon@hpodd.com</a>
Korean	<a href="mailto:korean@hpodd.com">korean@hpodd.com</a>
Portuguese	<a href="mailto:portugues@hpodd.com">portugues@hpodd.com</a>
Español	<a href="mailto:español@hpodd.com">español@hpodd.com</a>
Svenska	<a href="mailto:svensk@hpodd.com">svensk@hpodd.com</a>

Contact/phone Support:		
Country	Language	Number
Europe Region (EMEA)		
België	Dutch and German	+ 32 2700 1724
FRANCE	French	+ 33 171230454
DEUTSCHLAND	German	+ 49 6950073896
IRELAND	English	+ 353 1850882016
ITALIA	Italian	+ 39 269682189
NETHERLANDS	Dutch	+ 31 202015093
ESPAÑA	Spanish	+ 34 914533458
SWITZERLAND	German/French/ Italian	+ 41 18009686
UK	English	+ 44 2073652400
North America		
United States	English	1.866.694.7633
Canada	English and French	1.866.694.7633

# Specifications

<b>Panel Specification</b>	
Size	8"
Aspect ratio	4:3
Resolution	800x600 pixels
Contrast ratio	400:1
<b>Power</b>	
External Power Adapter	12V, 1.2A
<b>Audio</b>	
Internal speakers	Stereo
External headphone/speaker connector	3.5 mm stereo jack
<b>Connectivity</b>	
USB Ports	2 (STD 2.0 Host, Mini B Device)
<b>Storage/Media</b>	
Internal memory	512 MB
<b>Memory cards supported:</b>	
CF – CompactFlash®	Yes
MS – Memory Stick Pro™	Yes
MMC – MultiMedia Card	Yes
SDTM – Secure Digital	Yes
SDHC™ – High Capacity Secure Digital	Yes
xD – xD Picture Card™	Yes
Memory cards slot 1	SD/MMC/MS/xD
Memory cards slot 2	CF
<b>Media Files Supported:</b>	
Video file formats	MP4 (ISO MP4 SP/ASP ; .mp4, .avi, xVid), MJPEG.
Photo file formats	JPEG - (Baseline, extended-sequential and progressive JPEG)
Audio file formats	MP3, WMA
<b>User Interface/Control</b>	
Buttons at the Top of Smart Wi-Fi Display	Yes
Remote control	Yes

# Frequently Asked Questions

Question	Answer
How far away can I use the remote control?	2.5 meters
Why can't I display some of my Photos?	Some photo/image file formats are not supported. Please refer to the specifications.
Why can't I play some of my music tracks?	Some music file formats are not supported. Please refer to the specifications.
Why can't I play some of my video clips?	Some video file formats are not supported. Please refer to the specifications.
Can I delete photos from external memory cards, flash drives, or internal memory?	Yes, you can. With the photo file name highlighted, press the <b>Options</b> button on the remote, and choose <b>Delete Photo</b> .
How can I switch to the internal memory?	If multiple memory types are available, the HP Smart Wi-Fi Display will ask you to specify the memory source. Choose <b>Internal</b> .
I have lost or damaged my remote and/or power adapter. Can I order replacements?	Yes. Visit <a href="http://www.hp.com/support">www.hp.com/support</a> for more details.
How can I find the latest information/FAQs about my HP Smart Wi-Fi Display?	Visit <a href="http://www.hp.com/support">www.hp.com/support</a> for more details and the latest information.
How to I display photos and listen to music at the same time?	<ol style="list-style-type: none"> <li data-bbox="549 954 942 1047">1. Start the music playing first (Internet radio, home network content, frame content).</li> <li data-bbox="549 1060 942 1136">2. Navigate to the photo(s) you want to view (local, home network, Internet) and start a slideshow.</li> </ol>

<p>Some .DB and .BAK files have appeared on the memory card I inserted into my HP Smart Wi-Fi Display that weren't there previously. What are these?</p>	<p>When you insert a memory card or USB flash drive into your HP Smart Wi-Fi Display, it will create database (.DB) files and backup database files (.BAK). These are nothing to be worried about and should not be deleted. However, if they are deleted by accident, don't worry. The HP Smart Wi-Fi Display will simply recreate them next time.</p> <p><b>Note:</b> If the card has very little free space, it may not be able to fully create the database, which can lead to some functions not working correctly (e.g. the ability to view photos based on date taken, etc.)</p>
<p>When I insert a memory card or USB flash drive into the HP Smart Wi-Fi Display, it sometimes takes a long time before I can view any photos or listen to music. Why is this?</p>	<p>When you insert a memory card or USB flash drive, the HP Smart Wi-Fi Display needs to build its internal database. For example, it may take 2 or 3 minutes to build a database for an SD card with 400 pictures. During that time, you won't be able view any photos.</p>

# Troubleshooting

## *I can't switch my HP Smart Wi-Fi Display on*

The power supply may not be correctly connected. Ensure that it is connected to a working power outlet, and that the other end is connected to the DC-in connector on the HP Smart Wi-Fi Display.

The HP Smart Wi-Fi Display power switch might be in the **off** position. Ensure that this switch is in the **on** position.

## *I can't play certain photos/music/video files*

The HP Smart Wi-Fi Display can only access files that are stored using a FAT/FAT32 file system. Some drives are formatted using the Windows NTFS file system, and cannot be accessed by the display.

## *My HP Smart Wi-Fi Display cannot print images*

The printer cable may not be correctly connected. Ensure that the printer cable is connected to the mini-USB port on your HP Smart Wi-Fi Display and the USB port on the printer.

The printer may not be PictBridge compatible. If this is the case, then it will not be possible to print images from the HP Smart Wi-Fi Display.

The mini-USB port may not be correctly configured on your HP Smart Wi-Fi Display. Ensure that **USB Mode** is set to **Printer** in **Local Settings**. See "Local Settings" on page 18 for more information.

## *When I connect my frame to my PC, the PC doesn't show any drive letters*

Make sure that the frame is configured for a PC connection (instead of a PictBridge printer connection). Go to the Main Menu of the frame, select **Setup**, then **Local Settings**. Make sure that the **USB Mode** is set to **PC** and not **Printer**.

*My wireless network doesn't appear on the list of available networks*

The wireless network access point may not be working correctly or may not be properly configured. Ensure that other devices can connect to the network to rule out this possibility.

The signal from the wireless network may not be strong enough. Try moving the location of the access point or the HP Smart Wi-Fi Display for better signal reception.

Your network's SSID may not be broadcasting. In this case, use the **Setup Hidden Network WEP**, **Setup Hidden Network WPA** or **Setup Hidden Network Open** option on the list of available networks.

*I can't access my Internet Content*

Your wireless network connection may not be working correctly. Ensure that you are connected to the wireless network and that it has access to the Internet.

*I can't remember the settings for my wireless router*

Consult your router documentation on how to access your router's configuration parameters. As a last resort, most routers have a mechanism to reset itself back to factory defaults.

*I can't remember the password for my wireless network*

Consult your router documentation to determine how to find the network name and password.

*I am using an ASCII key for WEP security on my wireless network*

The HP Smart Wi-Fi Display only supports WEP key entry as hex digits (0 through 9, A through F). If you entered an ASCII passphrase in your router, consult your router documentation to access its configuration pages. From there, find the router configuration for WEP keys, and try temporarily changing the setting from "ASCII" to "Hex". The router should then display your ASCII key as a hex value. Write down this value and use it on the HP Smart Wi-Fi Display, and then you can switch the router setting back to ASCII mode.

*The frame sometimes has delays when responding to remote control buttons*

The HP Smart Wi-Fi Display has to communicate with 3rd party websites as well as hpframe.com. There are times when the frame is busy with this communication, and it can cause delays in responding to the remote control.

## RF exposure warning ·

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

## Canada Warning

"Industry Canada regulatory information Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. ""The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions."