

# MediaMVP

## Quick Installation Guide

M-MediaMVP-v2.5-ENG 05/19/05

### Contents of the MediaMVP package

**MediaMVP device** and stand

**Ethernet cable** for connection between the MediaMVP and your Router, Hub or Switch. This uses RJ-45 connectors and is 1.5 meters long. \*

**Video cable set** to connect the MediaMVP to your TV set. The cable set includes Composite video (yellow RCA jack), Left Audio (white RCA jack), Right Audio (red RCA jack).

In Europe, a SCART cable is supplied instead of the video cable set. The SCART connector on the MediaMVP has composite, S-Video and RGB output, in addition to stereo audio output.

**Remote control transmitter** with 2 AAA batteries

**MediaMVP Installation CD-ROM** with:

**MediaMVP Server** application

**MediaMVP User Interface** application

**Search for Media** application



\* **Note:** you can purchase longer ethernet cables at most computer retail stores. Cat5 cable, as the cabling is commonly called, is available to lengths of 300 ft.

# Overview of MediaMVP



**MediaMVP bridges the home PC with television sets.** MediaMVP is located at the TV set, and through your home local area network receives digital audio (MP3, WMA and WAV music), digital video (MPEG-1, MPEG-2 or DivX video), digital pictures (JPEG, BMP and GIF digital pictures) and Internet radio from a PC. MediaMVP then decodes the digital media and displays the decoded media on a TV set, TV monitor or plasma monitor. On your TV set, MediaMVP lists media which can be played.

**MediaMVP connects to local area networks** via its built-in Ethernet 10/100Mbps connection. It can also connect to Ethernet based LAN adapters such as Home Plug or wireless game adapters. The PC where both the MediaMVP software is loaded plus where your media files are located needs to be on the same network node as the MediaMVP. In general, if you have the PC and the MediaMVPs connected to the same network hub, access point or router, this requirement is satisfied.

**Up to 12 MediaMVPs can be connected on a network.** This means you can have a MediaMVP connected to the TV in your bedroom, one to the TV in the living room, one in the den, etc. The only limitation is that all the MediaMVPs need to be on the same network segment as the PC where your MediaMVP files are stored.

**Internet radio is played** by having the PC connect to an Internet radio station and then send streaming MP3 or WMA audio from the radio station to the MediaMVP. Only internet radio stations which are directly accessible via the Internet are supported.

**DivX video** playing is done via a transcode process. When you chose to play a DivX video, your PC's processor first decodes the DivX video in software, then reencodes the video into a high bit-rate MPEG-1 format. The PC then transmits the high bit-rate MPEG video over your network to the MediaMVP, where it is decoded and played on your TV set.

## **Technically speaking**

**MediaMVP's CPU engine** (a 350 DMIPS PowerPC) runs the Linux operating system, plus has dedicated multimedia hardware for decoding MPEG video, audio plus MP3 music. Digital pictures are decoded by the PowerPC processor in software.

**MediaMVP runs in a client/server system**, where the server can be a PC running either Windows XP Home, XP Professional or Windows2000. The PC can be used for normal tasks while acting as the MediaMVP server. The application running on the MediaMVP is loaded from the PC when you turn on MediaMVPs power, therefore allowing undateable software via Internet downloads.

**MediaMVP decodes full CCIR601 resolution NTSC and PAL** encoded MPEG-2 bit streams in real time, up to and including 720x480 (NTSC) or 720x576 (PAL). MPEG video rates range from 1.5 Mbps to 10 Mbps (higher in bursts), limited by the LAN bandwidth. MediaMVP will upscale 320x240 VCD video to full screen. A tunable **Anti-Flicker Filter** is included to improve the video quality on the TV sets.

## **Step 1: Connecting MediaMVP to your network or PC**

You can connect MediaMVP to your PC **through a network** or **directly to the PC or laptop**. You can use either method.

### **Connecting MediaMVP through a Network:**

Using a standard Ethernet network cable (the **Ethernet cable** supplied or any Ethernet cable less than 300 feet long), plug one end into the **LAN port** of the MediaMVP, and the other end of the Ethernet cable into a **Ethernet port** of a network hub, router or switch. You can use 10Mbit or 100Mbit router/switches. If you are using your own cables, use Category 5 Ethernet cable for best results.

**Note:** the MediaMVP needs to be on the same network subnet as the PC where you loaded the **MediaMVP Server** application. Therefore, plug the MediaMVP into the same router as you've plugged your PC. If you have multiple routers, with the PC on a different router than the MediaMVP, the MediaMVP will not load the MediaMVP application.

### **Connecting MediaMVP directly to a PC or laptop:**

If you would like to connect MediaMVP directly to a PC or laptop, you will need a "crossover" cable. **You cannot use a standard Ethernet cable to directly connect the MediaMVP to a PC or laptop.**

Please see the section entitled "**Connecting MediaMVP to a PC or laptop**".

## Step 2: Connecting MediaMVP to your TV set

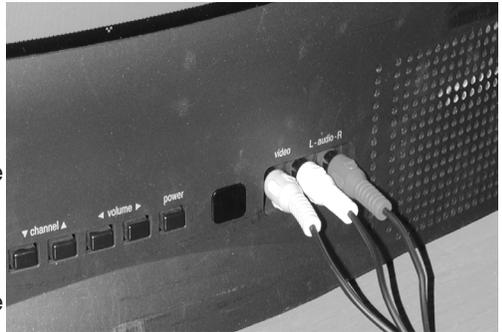
### Connecting to a TV set:

**Note:** Your TV set needs to have A/V input jacks. If your TV only has RF inputs (normally from a TV antenna), then you will need to use a **Video-to-RF modulator**, which can be purchased from RadioShack.

Using the supplied **Video cable set**, connect one end of the **Composite video** (yellow RCA jack) cable to the **yellow jack on the MediaMVP** and connect the other end to the **Video Input jack on your TV set**.

Connect one end of the **Left Audio** (white RCA jack) cable to the **white jack on the MediaMVP**, and connect the other end to the **Left Audio input on your TV set**.

Connect one end of the **Right Audio** (red RCA jack) cable to the **red jack on the MediaMVP**, and connect the other end to the **Right Audio input on your TV set**.



**Note:** If your TV set has only one audio input, use just MediaMVP's **Left audio** cable.

### On your TV set:

To use the MediaMVP, you need to select the **Video Input** on your TV set. Each TV set does this differently, but many TV sets have a button marked "TV/Video". Clicking this button normally switches from the TV tuner inside your TV set to the Audio/Video inputs being used by MediaMVP. Some TV sets have a TV/Video button on the remote.

If you cannot find a way to switch to Video Input on your TV set, refer to the TV set manual.

## Step 3: Installing the MediaMVP software on your PC

When you have made all your network and TV connections, boot your PC and run the **MediaMVP Setup program** from the **MediaMVP Installation CD-ROM**.

Navigate to your CD-ROM drive and run **MediaMVPSetup\_###.exe** (where ### is the version number of the setup program).

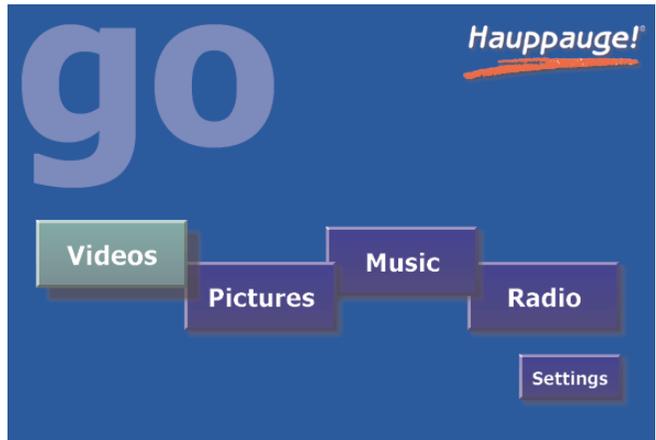
This should take a few minutes and is automatic.

## Step 4: Power on the MediaMVP

After the MediaMVP Setup program has been run, turn on the MediaMVP by **plugging in the power adapter**. MediaMVP will display the following messages on your TV set:

1. **Contacting DHCP Server**
2. **Contacting MediaMVP Bootserver**
3. **Loading application**
4. **Starting application**
5. **Contacting server**
6. **Go menu**

You are now ready to experience digital media on your TV set!



### **If you cannot get beyond**

**Contacting DHCP Server:** you are not connected to your hub, router or access point, or your cabling is defective. If you are directly connecting your MediaMVP to a PC and you get this message continuously, then you might be using a straight through ethernet cable instead of the crossover cable.

**If you cannot get beyond Contacting MediaMVP Bootserver:** your PC might be protected by a firewall, or the MediaMVP services have not started on your PC. Turn off your firewall to see if this is causing this problem, and if so, you need to reconfigure your firewall to allow the MediaMVP to access your PC (see Troubleshooting section).

**Note:** if you need to reboot MediaMVP, remove the power plug from MediaMVP, wait 5 seconds and plug it back in.

## If you have a Firewall on your network

Many people install firewalls on PC networks to prevent unauthorized access to data in your PC. If you have a firewall such as Zone Alarm, you will need to configure the firewall to allow the MediaMVP to access a server application running on your PC.

### **ZoneAlarmPro Firewall**

There are four firewall alert menus which pop up during the first use of MediaMVP. For each of these alerts, you should allow access by clicking **Yes**. Examples of warning messages are in the **Troubleshooting section**. To avoid warning messages from popping up each time

you use MediaMVP, select '**Remember this answer**'.

There are two MediaMVP services which will require access to your network: **HcwSMS.exe** and **MVPMedia.exe** Grant access to both of these programs.

## **The built-in WindowsXP Firewall**

Currently you need to disable this firewall for the MediaMVP to work correctly. Instructions to do this are in the **Troubleshooting section**. Please check our web site for updates which might allow the WindowsXP Firewall to operate at the same time as the MediaMVP.

## **Searching for media on your PC**

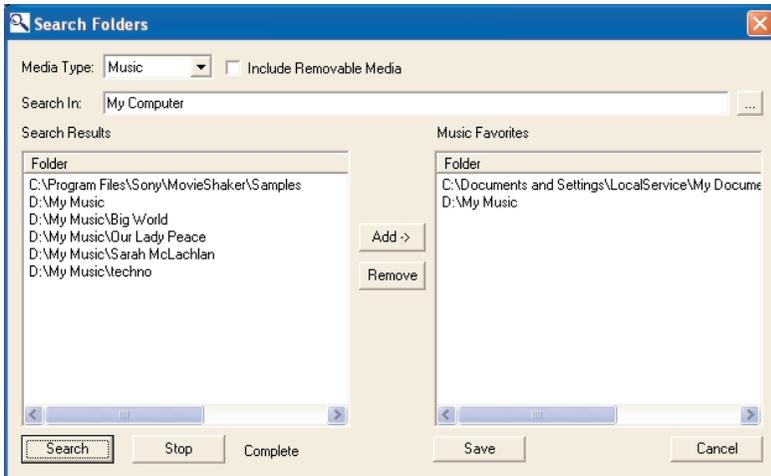
After installing the MediaMVP, there are two ways of finding media on your PC. You can either manually search for media from the TV set using MediaMVPs **Settings menu**, or you can automatically search for media using the **MediaMVP Search for Media program** on your PC.

To start the Search Folders program from the PC, click **Windows Start**, then **Programs**, and under **Hauptpage MediaMVP** run the **Search Folders** program.

You will see a menu which allows you to select the **Media Type** (music, videos, pictures) and the directories to be searched.

Select the **Media Type** and the **Search In** directory (choose "My Computer" to look in all directories) and click **Search**.

Once you start the search, any directory with the media type selected will appear in the **Search Results** box.



To add a directory, click on it and then click **Add**.

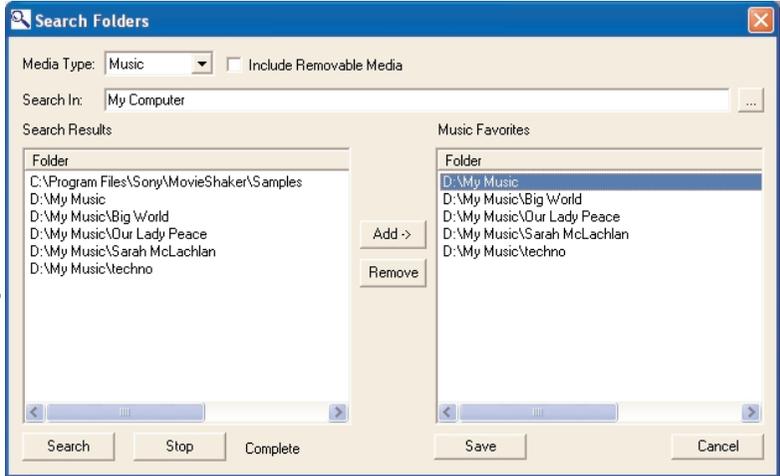
**Note:** right click your mouse in the **Favorites** list, then click **Add** to manually add a specific path (for example: when you already know where your music is on your disk drive, add that directory). Right click your mouse on a directory, then click **Remove** to delete a directory.

When you are finished searching for your media, close the Search application.

The directories selected will be listed on the TV set in MediaMVP's Video, Music, Pictures menus.

### **Searching for media from the MediaMVP**

You can also choose directories for music, digital pictures and videos from the MediaMVP



“Settings” menu. For instructions, in the section entitled “MediaMVP menus”, look at the Settings menu.

**Note:** the first time you enter a directory, it takes a long time (as long as several minutes) while thumbnail images are created. The next time you enter the directory, the response will be immediate. You can also turn off thumbnailing in the Settings/Configuration menu.

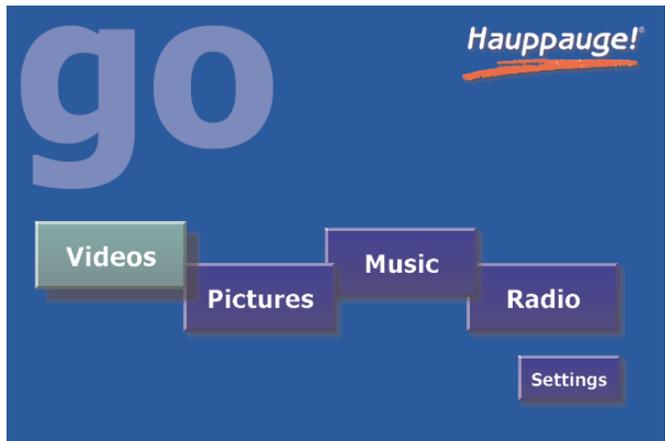
## **MediaMVP menus**

### **MediaMVP Main menu (the Go menu)**

MediaMVP's main menu guides you to Music, Videos and Pictures. Also, through Settings, the user can navigate to media stored on their PC.

**Note:** your PC must be running and both the PC and MediaMVP must be connected to the network before the Main menu will be displayed on your TV set.

**Note:** To access the Main menu at any point, click “Go” on the remote control.



## Music menu

The Music menu will show MP3 files, WMA audio or Music Playlists which are located in selected directories on your PC. You can play a music file (indicated by the music icon next to the file name) by either clicking the “**Play**” button or the “**OK**” button on the remote control.

To navigate to a sub menu (indicated by the ‘folder’ icon), cursor to the folder by using the arrow buttons on the Remote control and click the “**OK**” button on the remote.

Playlists are indicated by the ‘**playlist**’ icon. To play a playlist, simply cursor to a playlist and click “**OK**” on the remote control. Supported playlists are: M3U, PLS, B4S, and ASX.



If you click the “**Menu**” button on the remote control, a pop up menu will appear which will allow the sorting of the music by date or name, or a random order of music files. A “**Play all**” option is available, which will play all of the music located in the current directory.

To stop music, click the “**Stop**” button on the remote control.

To mute music, click the “**Mute**” button on the remote control.

### Playing WMA audio files

To play WMA files (Windows Media Audio) with the MediaMVP, the installation of Windows Media Player 9 is required.

### Playing a Picture Slideshow while listening to music

After selecting music, either an individual music title, a playlist or by using Play All, you can play Picture files by clicking the “**Go**” button on the remote control, right arrow to **Pictures**, and then entering the Pictures menu by clicking the “**OK**” button.

To mute the audio while watching a slideshow, click the “**mute**” button on the remote.

## Creating music playlists

You can either automatically create playlists in an application such as Music match, or can manually create a playlist. If you want to create manual playlists, you can use either M3U or ASX files.

M3U is pretty simple to create. Here is an example. Just create the file in any text editor and save it into your music directory with an M3U extension.

```
C:\Documents and Settings\My Documents\My Music\Sara Mclachlan - Take your .mp3
C:\MyMusic\04-R.E.M. _ Everybody Hurts.mp3
C:\MyMusic\11-Bruce Hornsby & The Range _ The Way It Is.mp3
C:\MyMusic\06-Pink _ Family Portrait.mp3
```

Here is an example of an ASX playlist. Just create the file in any text editor and save it into your music directory with an ASX extension.

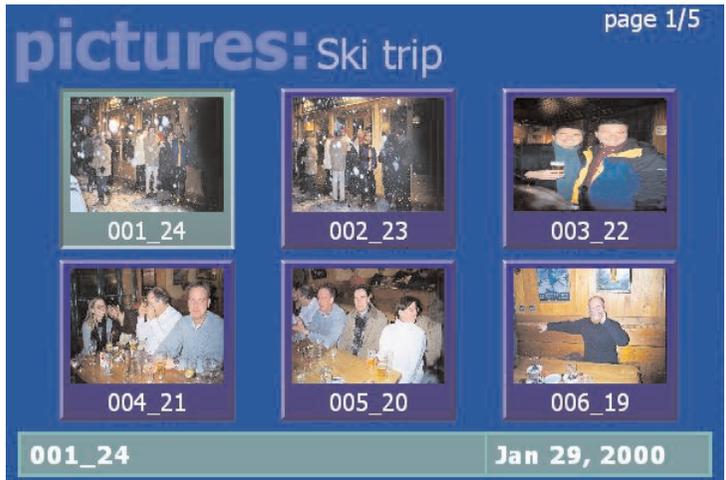
```
<ASX Version="3.0">
  <ENTRY>
    <REF HREF="C:\MyMusic\06-Pink _ Family Portrait.mp3"/>
  </ENTRY>
  <ENTRY>
    <REF HREF="C:\Documents and Settings\My Documents\My Music\Sara
Mclachlan - Take your .mp3"/>
  </ENTRY>
  <ENTRY>
    <REF HREF="C:\MyMusic\04-R.E.M. _ Everybody Hurts.mp3"/>
  </ENTRY>
  <ENTRY>
    <REF HREF="C:\MyMusic\11-Bruce Hornsby & The Range _ The Way It
Is.mp3"/>
  </ENTRY>
  <ENTRY>
    <REF HREF="C:\MyMusic\01-Meat Loaf _ I'd Do Anything For Love (But I
Wont Do That).mp3"/>
  </ENTRY>
  <ENTRY>
    <REF HREF="C:\MyMusic\04-Avril Lavigne _ I´m With You.mp3"/>
  </ENTRY>
</ASX>
```

## Pictures menu

The Pictures menu will show JPG, JPEG, BMP or GIF files which are located in selected directories on your PC.

You can play a picture file (indicated by the thumb nail of the picture) by either clicking the **"Play"** button or the **"OK"** button on the remote control.

To navigate to a sub menu (indicated by the "folder" icon), cursor to the folder by using the arrow buttons on the Remote control and click the **"OK"** button on the remote.



If you click the **"Menu"** button on the remote control, a pop up menu will appear which will allow the sorting of the pictures by date or name, or a random order.

**"Play slideshow"** will play a slideshow of all of the pictures located in the current directory.

To return to the Pictures menu while viewing a picture, click the **"Back"** button on the remote control.

While running a slideshow, you can hit **"Pause"** to pause the slideshow. Hit either **"Pause"** again or **"Play"** to resume the slideshow.

When viewing pictures, the **Skip ahead** button on the remote control will move 6 pictures forward, while the **Skip back** button will skip back 6 pictures.

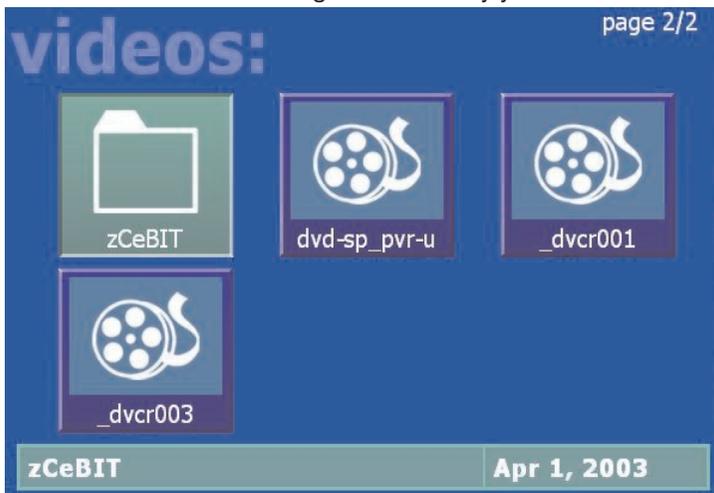
## Videos menu

The Videos menu will show MPEG-1, MPEG-2 or DivX videos which are located in selected directories on the PC. You can play a video file (indicated by the **video icon** or the **video thumbnail**) by either clicking the **“Play”** button or the **“OK”** button on the remote control.

Types of video files supported are MPEG1 and MPEG2, from less than 1 Mbit/sec up to 10 Mbits/sec, or DivX movies. The maximum data rate might be limited by your local area network speed.

To navigate to a sub menu (indicated by the ‘folder’ icon), cursor to the folder by using the arrow buttons on the Remote control and click the **“OK”** button on the remote.

If you click the **“Menu”** button on the remote control, a pop up menu will appear which will allow the sorting of the videos by date or name, or a random order.



To return to the Video menu while watching a video, click the **“Stop”** button on the remote control.

To fast forward through a video, click the remotes **“Fast forward”** button.

To pause the video while playing, click the **“Pause”** button on the remote.

To rewind through the video, click the **“Rewind”** button on the remote.

While playing videos, the audio volume can be adjusted through the **Vol+** and **Vol -** keys.

### Tips for playing DivX videos

- simultaneous playback of DivX videos are not possible from multiple MediaMVPs
- DivX playback requires a minimum 1.8 Gigahertz Pentium4 processor or faster in your PC. If your PC is too slow to "transcode" the DivX video at its current frame size, video will stutter or you will lose lip synch as you watch your videos. One solution is to play smaller frame size DivX videos. For example, if you see jerky video or stuttering audio with 640x480 DivX videos, try playing 320x240 size DivX videos instead.

- MediaMVP can scale DivX videos up to full screen, but can only do this on videos of exactly 320x240 or 640x480. If your videos are another format, they will be “letter-boxed” on your TV set.
- After using the Fast-Forward and Fast-Rewind buttons a loss of speech synchronization may occur.
- your DivX videos need to have a .AVI file extension in their names
- Once DivX videos are playing, they will typically consume most of the CPU power available on your PC. Therefore, you should not expect to be able to do other tasks on your PC while playing DivX videos.

## Radio menu

MediaMVP allows you to listen to Internet Radio stations through your TV set. MediaMVP accomplishes this by opening a special link on your PC to the Internet radio station, and then “streams” the Internet audio over your home network to the MediaMVP, where the audio is output to the TV set. **Note:** your PC must be able to access the Internet.

To play an Internet radio station through the MediaMVP, the Internet radio station must do two things:

- it must transmit audio in either MP3 or in WMA formats. Some radio stations transmit using Real audio, which the MediaMVP cannot currently play.
- the Internet radio station must be accessible via a direct Internet link. In other words, you need to be able to put a URL in Internet Explorer and reach the Internet radio station directly without going through any levels of indirection. An example of a website which has direct links to Internet radio stations is Shoutcast.

Here is how you can listen to Internet radio using MediaMVP:

### Step 1: Create a link to an Internet radio station on your PC

Open Internet Explorer and go to a page with Internet Radio stations. Shoutcast is one example: <http://www.shoutcast.com>

**R****emember:** *you must be selecting Internet radio stations which can be directly accessed by your browser (and not via a redirected URL). There are many Internet radio stations which do not allow a direct link to the station. These Internet radio stations cannot be played by MediaMVP.*

Choose an Internet Radio station or program and use your **RIGHT** mouse button to click on the button which allows you to listen to a station (for example, the **Tune In** button in **Shoutcast**). When you click your **RIGHT** mouse button, a Pop-Up Menu will appear.

## Choose **Add to MVP Favorite Radio Stations**.

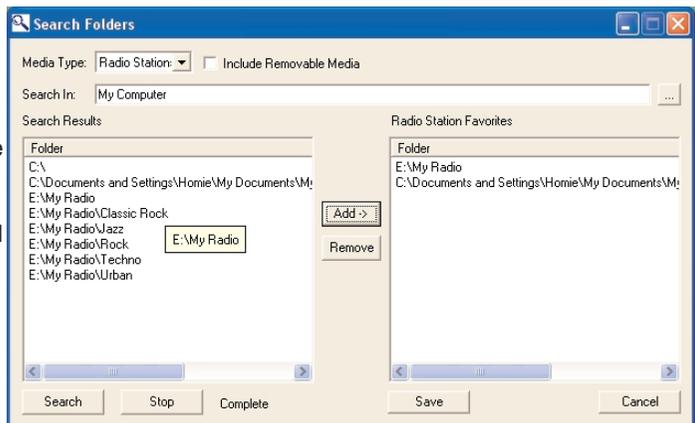
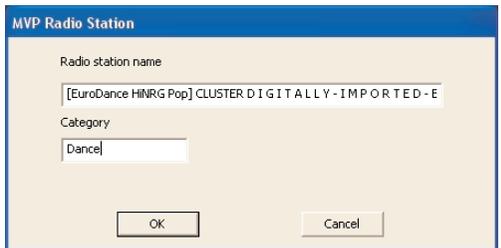
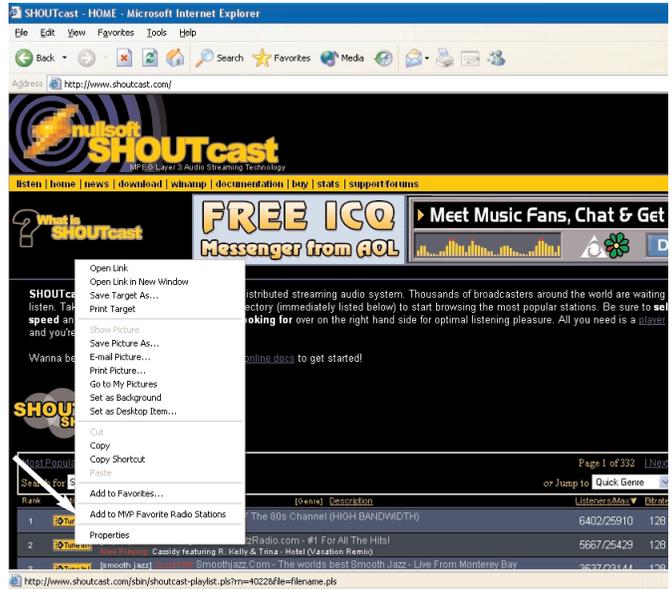
A window will pop up entitled **MVP Radio Station**. You will be asked to enter **Radio station name**. You can do so if you like, or leave the default. You can also place the radio station in a category (you will see these categories on your TV set via the MediaMVP). When you are finished naming your radio station, click **OK**.

## Step 2: Add radio stations to the MediaMVP media list

Now we need to add the Internet Radio station directory to the MediaMVP media list so that the MediaMVP can "see" them.

On your Windows screen, click **Start / Programs / HauppaugeMediaMP then Search for Media**. (this program also can be found in **Program Files/Hauppauge MediaMVP** directory)

Under **Media Type:** choose **Radio Stations** and click on **Search**. After a few moments, you will see a list of directories on your local hard disks which have MediaMVP links to Internet Radio stations. Click on those directories you would like to have MediaMVP list on your TV set, click **Add** and then click on **Save**.



### Step 3: Playing an Internet radio station on the MediaMVP

Click the **Go button** on the MediaMVP remote. Click on the **Radio button**. If you have set up the directories (the paragraph above), you will see a **MyRadio** listing. Go to this directory. In the directory, you will see a list of Internet radio stations you have made links to.

To start playing an Internet radio station, use your remote control to **select the station** and then click the **Play button**.

**N**ote: If you click on a radio station and the audio does not start within a few seconds, the radio station cannot be accessed by the MediaMVP. One reason for this is that this station cannot be accessed directly (it uses redirection to get to the station). Another reason might be that the radio station does not transmit audio in one of the formats MediaMVP can play (currently MP3 and WMA).



### How the Internet radio stations are named, stored and played by the MediaMVP:

When you are browsing Internet radio stations while in Internet Explorer, and you right click on a link to an Internet radio station, the MediaMVP application running on the PC makes a note of the URL the link is pointing to. The **MVP Radio Station** pop up menu then is run, allowing you to name the link and also put the link into a category (for example: Jazz), and then a file is created in the My Radio directory with that name. The file extension is .MVP, and within the file is the URL of the radio station.

When you want to play a radio station, the MediaMVP application running on the PC opens that file, goes to the URL within the file and then streams the audio over your network to the MediaMVP, where the audio is then played out to your TV set.

If the file holds a link which is not valid (a link which does not directly point to an Internet radio station), then the MediaMVP radio software waits for about 1 minute before it senses that it cannot open the URL and find a radio station. MediaMVP will then return to the Radio menu.

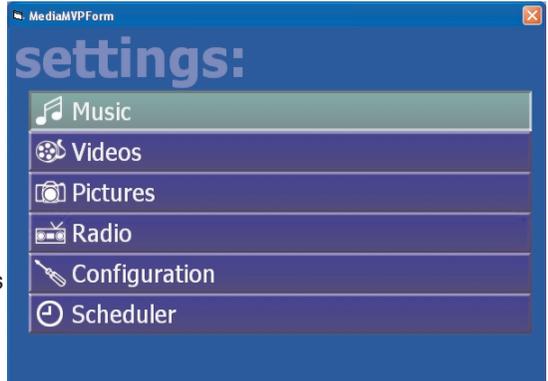
## Settings menu

### **Directories for Music, Videos, Pictures and Internet radio**

The Settings menu is where you can choose the directories on your PC where your **Music**, **Video** and **Pictures** media are stored.

Also, the Settings menu has a **Configuration menu** where you can set the video format (NTSC or PAL), video size (4:3 or 16:9), and flicker reduction (none, low, medium, high) for your TV set.

When you enter the **Settings:Music**, **Settings:Video** or **Settings:Pictures** menus, you will see a listing of directories (such as **My Documents**) and drives (disk drives, floppy drives or CD-ROM drives) on your PC.



To find media within a drive, scroll down to the directory (C:\ for example) and then click the **OK** button on your remote control. This will bring the contents of the selected directory onto your TV screen. To select subdirectories, scroll down to the subdirectory and hit the **OK** button. You will see if the media type you are looking for (music, videos, pictures) exists in the directory chosen by having any existing media listed.

**To add a directory**, hit the **green button on the remote**.

If you would like to delete a directory from the list you see when entering Videos, Music or Pictures from the Main menu, hit the **red button on the remote**.

## Scheduling a WinTV recording from MediaMVP

MediaMVP has the ability to set up a scheduled recording using a Hauppauge WinTV in the PC server. This sets up a recording session using WinTV-Scheduler.

The format of the recording is set by the WinTV application. For example, if you have a WinTV-PVR-250 in your PC and want to record using DVD-LongPlay, you need to have set the WinTV application to record using DVD-LongPlay.

Here are the requirements to record:

- your PC needs to have a WinTV installed



- you need to have password permission to record on your PC
- your PC needs to have the WinTV-Scheduler installed

The MediaMVP scheduler can be found in the **Settings menu**. Go to **Settings:Scheduler**.

If you have no recordings scheduled, you will see a message “There are no scheduled recordings”. Click the **green** button on your remote control to add a scheduled record item.

Use the arrow keys to move to the fields in ‘**Schedule Item**’. When you are finished setting up your recording, click the **green** button on your remote.

## **Configuration menu**

### **Video thumbnails**

In the Configuration menu, you can turn thumbnails on or off. Thumbnails are small images of your digital pictures or a small image taken from the first frame of a video when browsing through lists of Videos or Pictures. Thumbnails are only viewable if your PC is running Windows XP and has suitable MPEG decoders installed.

**Note:** if your PC slows down when viewing directories of Videos or Pictures, you should turn Thumbnails off.

### **Flicker filter**

The flicker filter removes flickering which might appear on some TV sets when displaying text and pictures. High end TV sets can use the flicker filter turned off, while normal TV sets might look better if flicker filter is set to medium or high. There are four settings: off, low, medium, high.

## **Remote control**

**Power button:** the Power button will bring the MediaMVP into a standby mode and will turn off the video output. It will not turn off the MediaMVP completely. When you click the **Power button** again, the MediaMVP will resume from standby and turn on its video output.

If you want to reset MediaMVP, you need to remove the power plug for a few seconds, then reconnect it.

**Go button:** displays the **Main menu**. When in any menu, clicking the **Go** button will bring up the Main menu.

**OK button:** the **OK** button is similar to the Enter key.

**Menu button:** brings up the **Sub menu**. For example, when in the Music menu, clicking the **Menu** button will bring up the sub menu allowing the selection of Play all / Sort by date / Sort by name / Shuffle.

**Back button:** goes back to the previous menu. For example, if you have entered a directory and you'd like to return to the previous directory, click **Back**.

**Pause button:** will pause the music, video or slideshow currently playing. Click **Play** or **Pause** again to continue playing from where you left off.

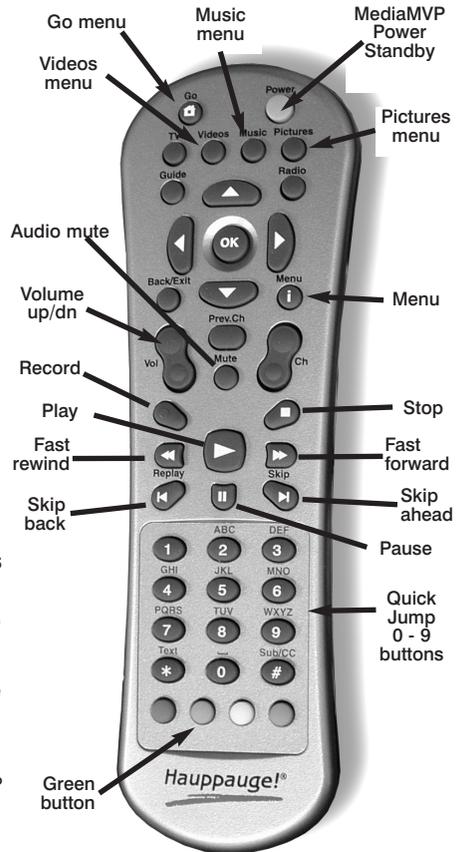
**Vol- and Vol+ buttons:** you can control the audio volume by using internal hardware in the MediaMVP. This means you can adjust the audio volume without having to use your TV sets' remote control.

**Skip ahead and Skip back:** the Skip buttons are used to skip 6 items ahead or backwards when in the media lists (music, videos and pictures) or when viewing pictures. When playing videos, **Skip** advances the video 30 seconds.

**Quick Jump 0 to 9 buttons:** When viewing lists of media, or when playing videos, the number keys moves to 10% when you hit the '1' key, 20% when you hit the '2' key, etc.

When viewing lists, the number buttons will move you to positions within the list. For example, if you are looking at a list of videos in the Music menu, hitting the "5" button will move you to 50% of the way through the list.

When watching a video, you can quickly skip through the video by hitting the 0-9 buttons. When you hit one of these keys, you will skip to, for example, 10% of the video file when you hit the '1' key, 20% of the video file when you hit the '2' and so forth.



## Installing MediaMVP software updates

You can download MediaMVP software updates from the Hauppauge website at:

[http://www.hauppauge.com/pages/support\\_mediampv.html](http://www.hauppauge.com/pages/support_mediampv.html)

To install a new version of MediaMVP software:

1. unplug the power to the MediaMVP
2. download and install the new version on your PC
3. replug the power to MediaMVP. The new MediaMVP application will then be loaded onto MediaMVP through your network.

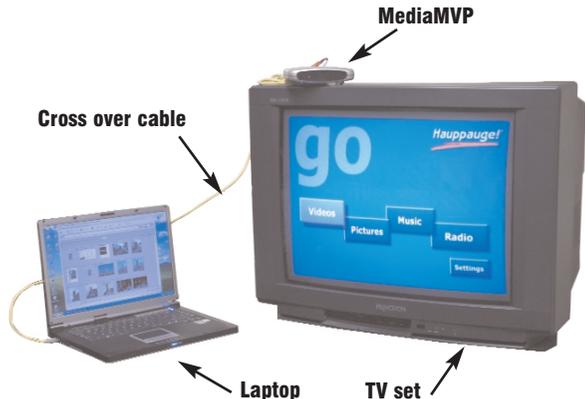
## Connecting MediaMVP directly to a laptop or PC

You can connect the MediaMVP directly to a PC or laptop. To do this, you will need a 'crossover' cable, which you can either buy at a computer store or make yourself.

Here is how you connect the MediaMVP directly to your PC or laptop:

1. **Purchase or make a cross over Ethernet cable.** Examples of a crossover cable are the Belkin CAT 5e Crossover Cable for computer-to-computer connection
2. **Connect one end of the crossover cable** to the LAN port on the MediaMVP, and the other end to the LAN port on your PC or laptop
3. **Make sure the MediaMVP software is installed on your PC or laptop.** See "Installing the MediaMVP software" section. Leave your PC turned on.
4. **Connect the MediaMVP to the TV set,** and turn on the MediaMVP. You should see the 'Searching for PC server' on the TV set. On the PC, you should see a Windows message say **'Ethernet connection found'**

Since the direct connection from a MediaMVP to a PC is very fast, you will get maximum performance.



## Accessing media which is on another computer

You can access media which is on another computer via your home network. To do this, you need to allow the MediaMVP applications running on your PC to have access to the remote computers. Here is how you do this:

- On the PC where you have installed the MediaMVP software, stop the MediaMVP services by clicking on **Start/Programs/Hauptpage MediaMVP**, and then **Stop**.
- Locate the **My Computer** icon on your desktop or in your Start menu. **Right mouse button click** on the **My Computer** icon and select **Manage** from the drop down menu. Click on the “+” sign next to the **Services and Applications** listing and then click on the **Services** sublisting.
- Locate and right mouse click on the name **MVPMedia** and select **Properties** from the drop down menu.
- Click on the **Log On** tab and then select the radio button that says **This account** .
- Type in the **username** that has permissions to access the network and the local desktop, (the user that has administrator rights to the computer). Once you have entered the username, type in the password for that username.
- Click on the **Apply** button and then the **OK** button.
- You will need to repeat the previous 4 steps for the **MVPMediaSvc service**.
- Once you have completed these steps for both services, you will still be in the Computer Management window. Click on the listing for **Local Users and Groups**.
- Select the **Users** folder.
- **Right mouse click** on the username that you used for the MediaMVP services in the above steps and click on **Properties** from the drop down menu. Put a check mark in the box next to **Password never expires**, then click on **Apply** and then **Okay**.
- Restart the MediaMVP services by clicking on **Start/Programs/Hauptpage MediaMVP**, and then **Restart**.

Once the services have restarted, you can search for media on other PCs on the network that your username has access to. Click on **Start/Programs/Hauptpage MediaMVP**, and then **Search for Media**. Click on the button with the **three dots (Browse)**.

You will now be in the **Select Directory** window in which you can browse to other PCs on the network.

# Troubleshooting

## **MediaMVP does not display the Main menu:**

In order to display the Main menu, MediaMVP needs to be able to “talk” to the PC which has the MediaMVP software installed.

There are several things which might cause the MediaMVP not to be able to “talk” to the PC:

- your PC is not turned on. MediaMVP requires the PC to be turned on to operate. Make sure your PC is not in standby mode.
- The network cable is not connected to either the PC or the MediaMVP.
- The network router is not turned on.
- The PC and MediaMVP are not on the same network segment. Make sure the PC and MediaMVP are connected to the same router, switch or hub.
- A firewall is running on your PC, and is not allowing the MediaMVP to access the PC.

## **MediaMVP does not respond to the remote control:**

There are many reasons why the MediaMVP might not respond to remote control commands. Most times, this is due to the PC becoming busy executing a previous MediaMVP command.

If this happens, click the **green Power** button on the remote control. This will suspend any MediaMVP operations on the PC. If you then click the **green Power** button once more, MediaMVP will resume from the Go menu.

## **Accessing the Video menu takes several minutes (or more):**

Thumbnails take a long time to generate, and might even stop your PC from operating if there is a video defect in one of the movies in your Videos directory.

To solve this problem, turn **OFF video thumbnails** in **Settings/Configuration**.

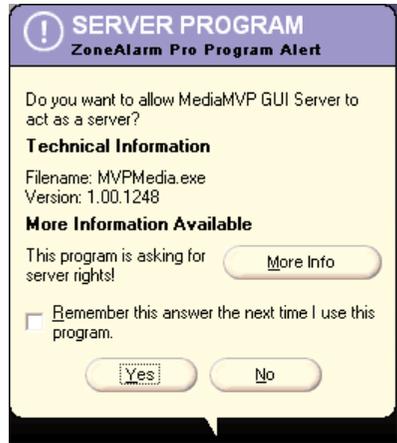
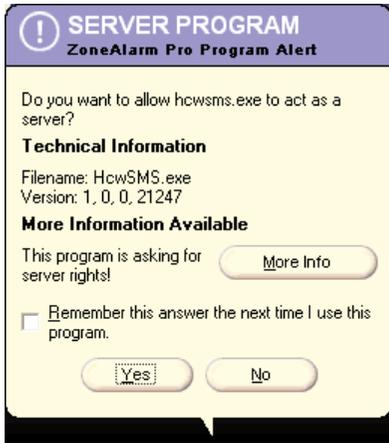
## **ZoneAlarmPro Firewall**

There are four firewall alert menus which pop up during the first use of MediaMVP. For each of these alerts, you should allow access by clicking **Yes**.

To avoid these warning messages from popping up each time you use MediaMVP, select **'Remember this answer'**.

There are three MediaMVP services which will require access to your network:

**HcwSMS.exe**, **MVPMedia.exe** and **MVPStart.exe**. Grant access to these programs.



### **If you are using the built-in WindowsXP Firewall**

Currently you need to disable this firewall for the MediaMVP to work correctly. Please check our web site for updates which might allow the WindowsXP Firewall to operate at the same time as the MediaMVP.

### **Disabling WindowsXP firewall**

To disable the Windows XP firewall, click **Start** and then go into **Control Panel** and then **Network Connections**. Click on **Local Area Connection**. You will see the **Local Area Connection Properties** menus. Click on the **Advanced** tab and unclick "**Protect my computer**".

Click **OK** and the Windows XP Firewall will be disabled.

### **Contacting technical support if you experience MediaMVP problems:**

e-mail: techsupport@hauppauge.com

telephone: 631-434-3197

