

McTiVia
User's Manual
Model: McTiVia

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Please check the following items are included in your **McTiVia** package:

- McTiVia Windows®/Mac® device
- Quick Installation Guide
- 2 WiFi antennae
- Universal power adaptor
- Installation CD
- User's Manual (on CD)
- Warranty Card

McTiVia User's Manual



McTiVia is the first device that can show all content of your Windows® as well as Mac® computers on your TV wirelessly. You can easily control up to 8 computers with your mouse and/or keyboard. You can share any content from your computers with your friends and family in your living room.

Four Setup Possibilities:

a) Ethernet: Best performance

Whenever possible, always use Ethernet cables to connect **McTiVia** device to your home network. This setup provides best performance for both remote operation and internet connection.

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b) Use power-line modems: Good performance

If Ethernet cable is not available next to your TV, you may consider buying a pair of power-line modems to setup a wired connection from your home network to **McTiVia**.

**c) Partly wireless: Reasonable Performance**

If wireless connection is preferred, you can connect your home AP and **McTiVia** via cables, and access either from your home AP or **McTiVia**.

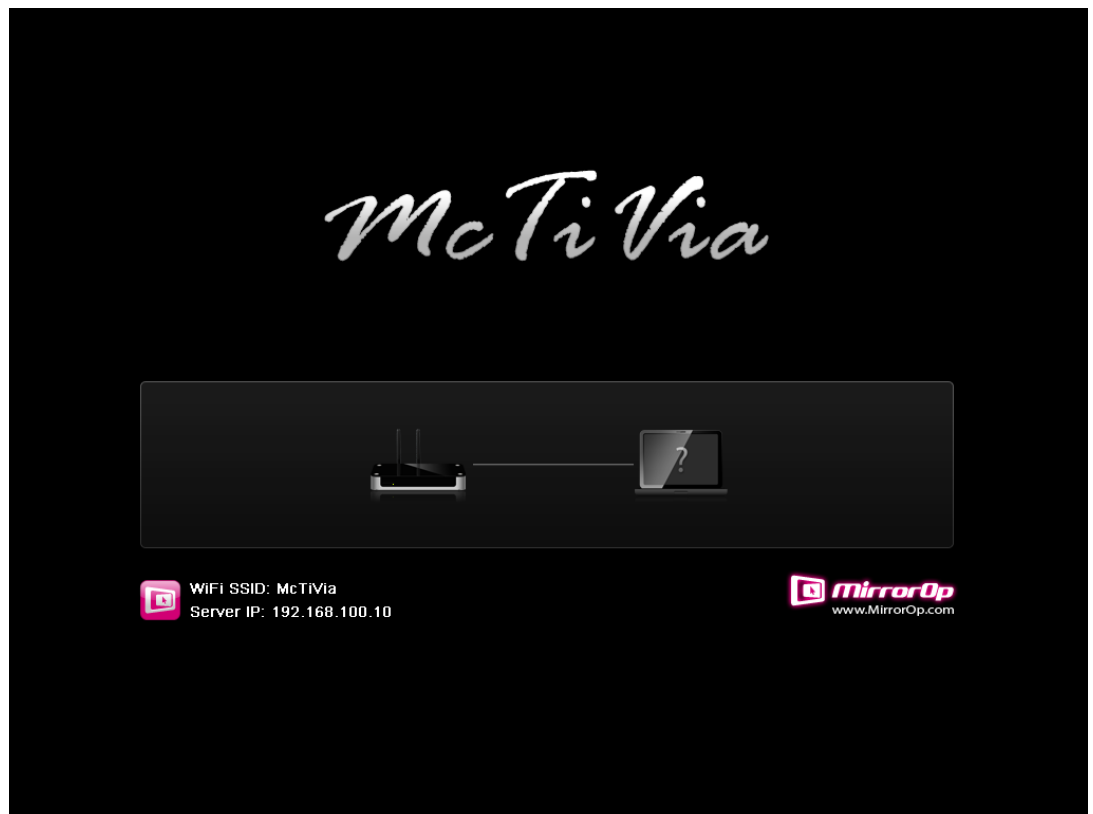


d) Purely wireless: Basic performance

You can also try setting up **McTiVia** as a wireless client to your home AP via AP-Client mode. However, this setup is more complicated and vulnerable to any interference in WiFi signal.



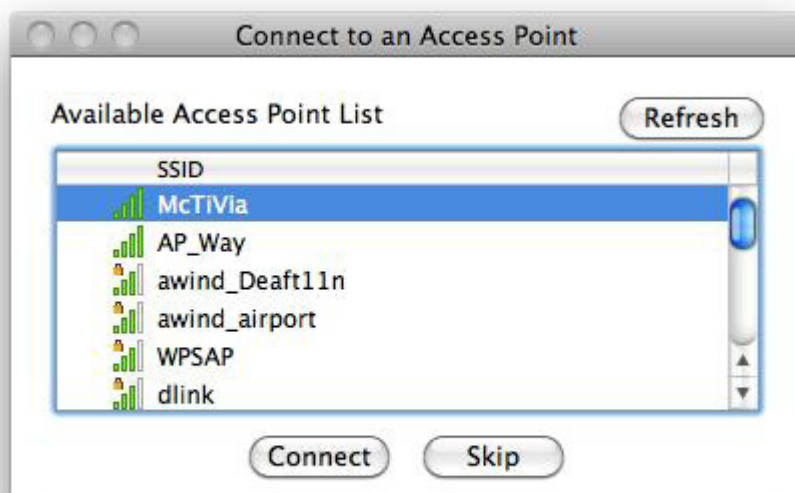
1. Connect the HDMI output on the **McTiVia** device to your TV, and turn on your TV.
2. Connect the power adaptor to your **McTiVia**, and plug in to your power outlet.
3. Press the Power button on **McTiVia** to turn on the device.
4. **McTiVia** will be powered ON. The Main Menu as below will be shown on your TV screen while system is ready.



5. Insert **McTiVia** CD and follow on-screen instructions to install software from the CD-ROM.
6. Find the following icon in "Applications\McTiVia" folder (on Mac) or "Programs\McTiVia" folder (on Windows) to launch **McTiVia- MirrorOp Sender**.



7. Search WiFi Access Point. Select your **McTiVia** device (default SSID is McTiVia) from the list and click the Connect button.



8. Connect to selected access point.
9. Connect to **McTiVia** server. If only one server is found, it will automatically connect to the server.



10. The application will **temporarily** adjust your PC resolution for best projection result, and then project your screen to TV. You should see your PC Desktop on TV screen now.
11. To finish projection, click the Stop button on **McTiVia- MirrorOp Sender**. Your screen resolution would be restored to original one.

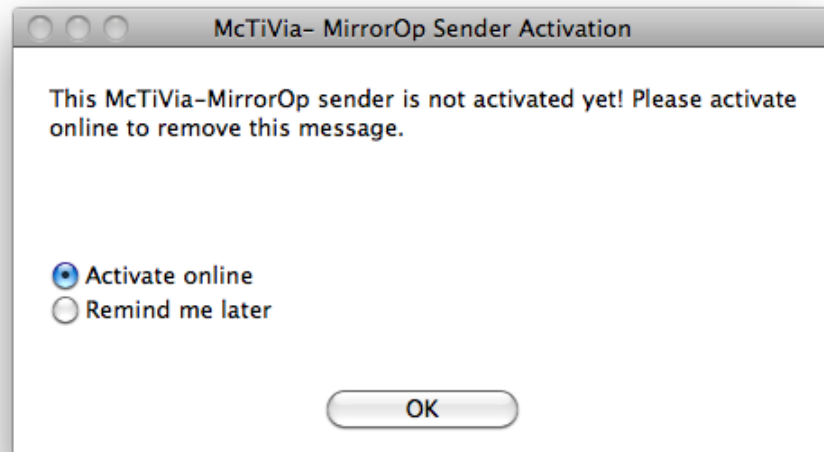


12. To begin projection again, click the Play button again.

After you installed **McTiVia** application from CD, you can run the **McTiVia-MirrorOp Sender** to connect to **McTiVia**. If there is more than one **McTiVia** found, the client will list the devices for you to choose.

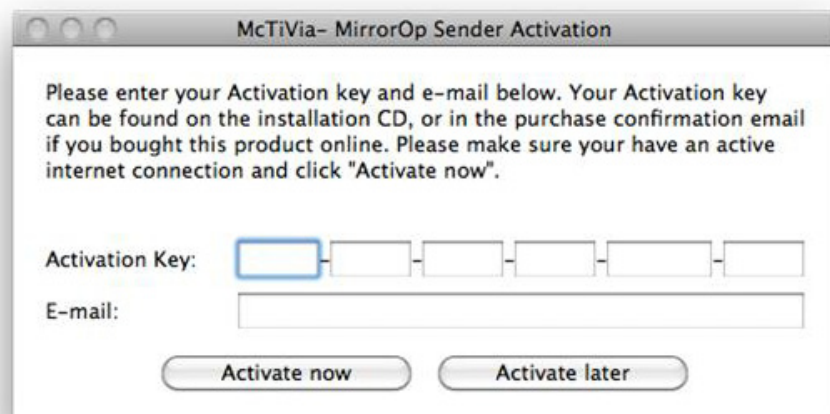
Software Activation

The first time you launch **McTiVia-MirrorOp Sender**, you will see the activation reminder:



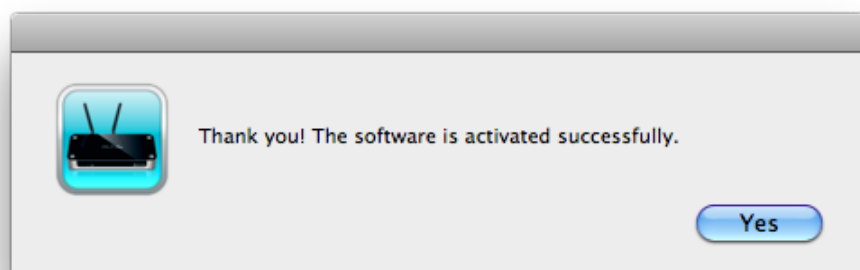
Select "**Activate online**" to activate, or select "**Remind me later**" to skip activation.

In the activation dialog, enter your key and click "**Activate now**".



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The software will connect to the activation server to validate the information. When validation is passed, your software will be activated.



Otherwise, you will be reminded to activate by the following reminder every time the software is launched until successfully activated.



Each activation key can be used to activate on eight different PCs. If you have trouble activating with your key, please contact customer service for assistance.

Video Mode vs. App Mode

On **McTiVia- MirrorOp Sender** you can find a switch button for two modes: **Video Mode** and **App Mode**. **Video Mode** is designed for smooth video experiences, so by default it has longer latency between your PC and TV. However, if you move your mouse connected on **McTiVia**, then it will automatically shorten the latency for better remote control. This mode is the default most that should work for most users.

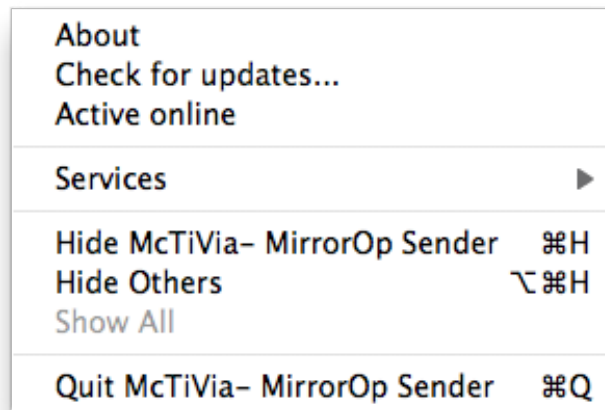


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If you have very good network connection (by Ethernet) and prefer to use low latency mode at all times, you may drag the switch to **App Mode**.



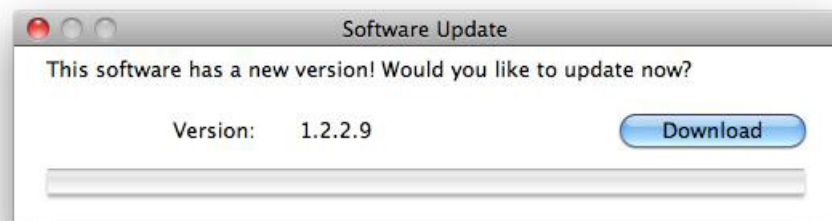
- **Main Menu Bar:**



- Click **<About>** to show version information of this program.



- Click **<Check for Updates>** to check for updates.

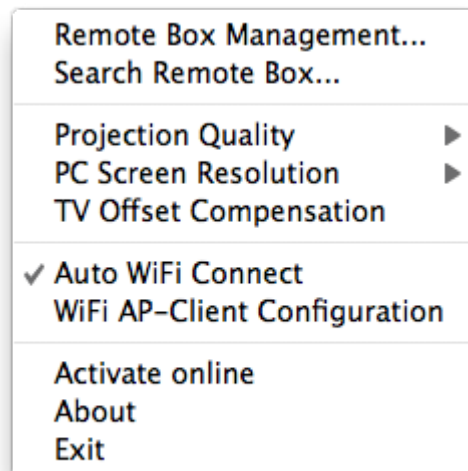


Using the McTiVia- MirrorOp Sender Pop-up Menu

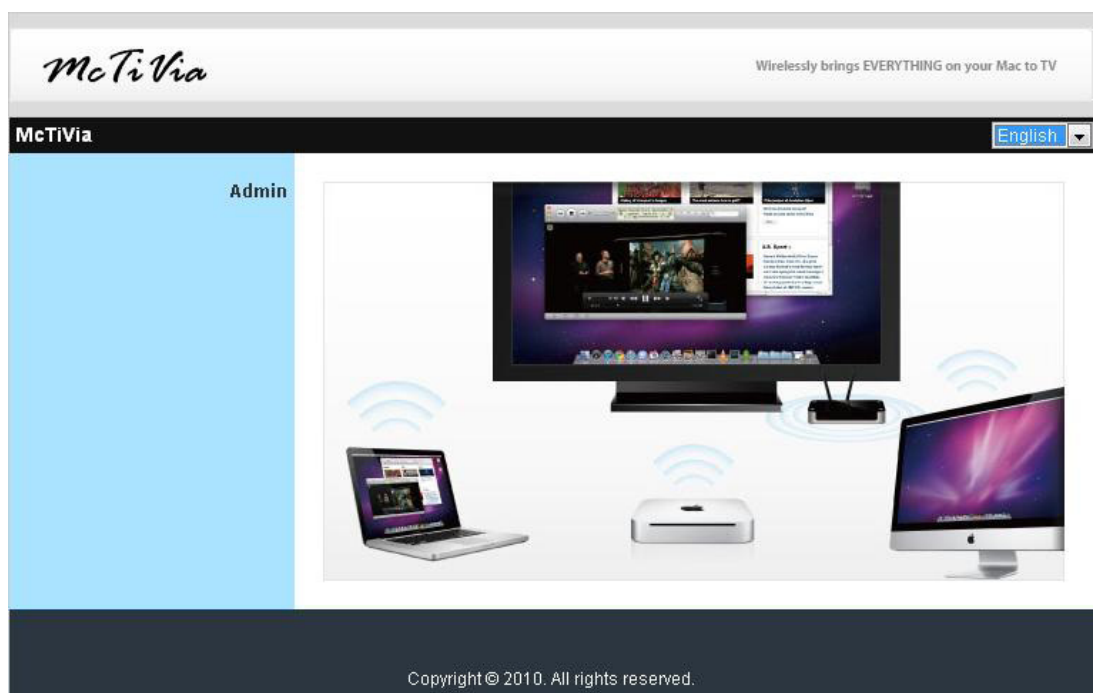
- When **McTiVia- MirrorOp Sender** is running, move your mouse cursor to the Menu button on the right edge of the projection panel.



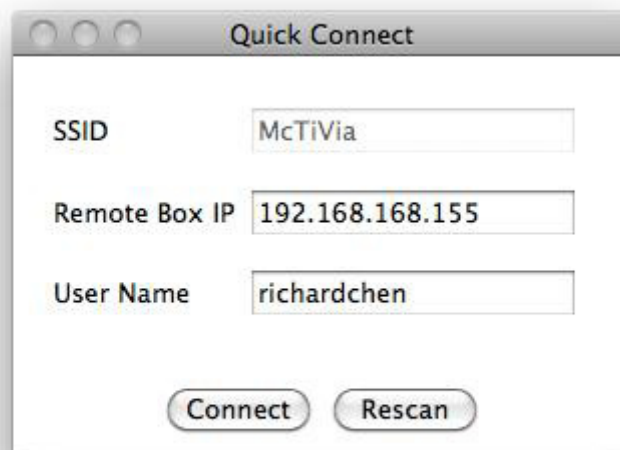
- Click on the Menu button to show the menu.



- Click **<Remote Box Management>** to connect to **McTiVia** administration web page. For more information on the web management, please refer to Section 5.



- Click **<Search Remote Box>** to connect to another **McTiVia**. The last **McTiVia** you connected is remembered. To connect to another one, Click **<Rescan>**



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- Adjust projection image quality in **<Projection Quality>**. Higher quality requires higher bandwidth. Default is Normal.

✓ Normal
Best

- Adjust projection image quality in **<PC Screen Resolution>**. Larger resolution requires higher bandwidth. Default is Middle.

Large
✓ Middle
Small

Working with Multiple Computers

- You can use **McTiVia** with more than one computer. Just install the software on every computer you want to use, and then run the software on each computer. Connected computer names will be shown in the standby screen as shown in the following picture:



- Use a standard USB mouse or keyboard connected to the USB port on **McTiVia** to select which computer you want to use on TV.

Controlling your PC with USB mouse or Keyboard from McTiVia

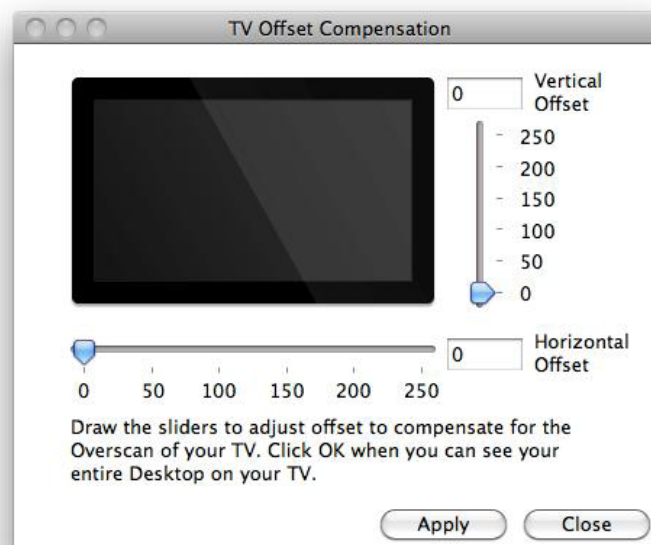
- You can connect standard USB mouse or keyboard, or even most standard USB joysticks to the USB port on the **McTiVia** device, and then remotely operate your PC



- Once connected, the mouse or keyboard can be used to select a PC from the PC list above, and also to operate every PC when its screen is shown on TV.

TV Offset Compensation

- Most TVs has overscan design which will cut the edges of the Desktop. If you cannot turn off overscan from your TV OSD, please use the **<TV Offset Compensation>** to shrink projected screen to fit your TV.

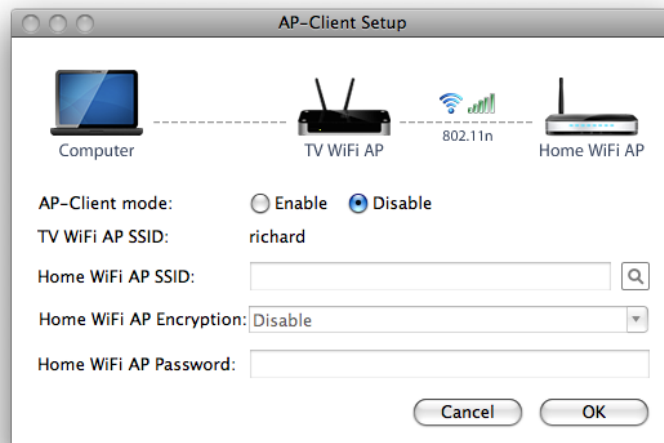


- Drag the sliders to set offset value. Click **<Apply>** to update TV projection. Check the TV screen. When the Desktop fits the TV, click **<Close>**.
- Check **<Auto WiFi Connection>** to let **McTiVia** search and connect to access points, or turn it off to use your original WiFi manager to connect to access points manually.

Setting up AP-Client Mode

To setup pure wireless connection with existing home WiFi router, you can use AP-Client mode. For best performance, please make sure the signal between your home router and **McTiVia** device is good to ensure good performance.

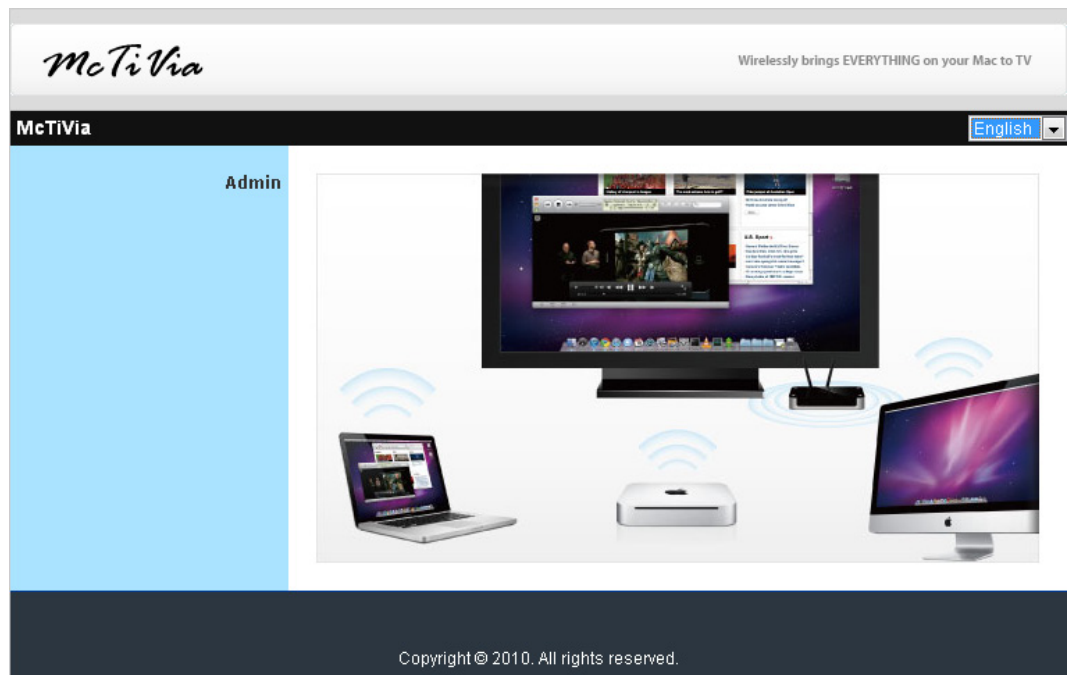
To setup AP-Client mode, click **<WiFi AP-Client Configuration>** from the menu.



Enter the info to connect to your home WiFi router and click OK to save setting. **McTiVia** will reboot and connect to your home WiFi router. You need to reconnect to **McTiVia** from the **McTiVia- MirrorOp Sender** with the same password as your home WiFi router.

Home Page

- Make sure your PC is connected to **McTiVia** device successfully.
- Open your browser, and enter the IP address of your **McTiVia** device.



Login Web Admin

- *** Click **[Admin]** and then enter password to login web page.
- Default password is “admin”.

System Status

The screenshot shows the McTiVia web management interface. At the top, the McTiVia logo is on the left, and the tagline "Wirelessly brings EVERYTHING on your Mac to TV" is on the right. Below the header, a navigation bar shows "McTiVia > Admin > System Status" and a "Logout" button. A left sidebar contains links: "System Status", "Network Setup", "Change Passwords", "Reset to Default", "Firmware Update", and "Reboot System" (with a red power icon). The main content area displays system information in a table format:

Model Name	McTiVia
Versions	
Firmware Version	0.0.0.5
Network Status	
IP Address	192.168.168.89
Subnet Mask	255.255.255.0
Default Gateway	192.168.168.251
Wireless MAC Address	70:71:BC:C3:75:B4
Wire MAC Address	00:00:09:A1:00:17
Channel	AUTO
Connection Status	
Projecting Status	Waiting for Projecting
Total Users	0
Current Output	HDMI

At the bottom of the interface, a footer states: "Copyright © 2010. All rights reserved."

*** Click **[System Status]** to show current system status.

Model Name: Product model name


Versions:

- Firmware version: Product firmware version number.

Network Status:

- IP address: IP address of **McTiVia** device.
- Subnet Mask: subnet mask
- Default Gateway: default gateway
- Wire MAC address: wire network MAC address

Network Setup


Wirelessly brings EVERYTHING on your Mac to TV

McTiVia > Admin > Network Setup
Logout »

System Status
Network Setup
Change Passwords
Reset to Default
Firmware Update
Reboot System

☒ Obtain an IP address automatically
☐ Use the following IP address

IP Address
192 . 168 . 100 . 10
Subnet Mask
255 . 255 . 255 . 0
Default Gateway
192 . 168 . 100 . 10
DNS Server
192 . 168 . 100 . 10

☒ Auto ☐ Disable

Start IP
192 . 168 . 100 . 11
End IP
192 . 168 . 100 . 254
Subnet Mask
255 . 255 . 255 . 0
Default Gateway
192 . 168 . 100 . 10
DNS Server
192 . 168 . 100 . 10

Wireless LAN
☒ Enable
☐ Disable

Home WiFi AP
☐ Enable
☒ Disable

Region
WORLDWIDE

SSID Broadcast
☒ Enable ☐ Disable

Channel
Auto

Encryption
Disable

Key

Apply Cancel

Embedded AP SSID
McTiVia

Home WiFi AP SSID

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< IP Setup>

You can select “obtain IP address automatically” or “Use the following IP address”

- IP Address: The default value is 192.168.100.10.
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10

<DHCP Server Setup>

You can select “Auto” or “Disable”. When “Auto” is selected, it will automatically disable DHCP **on McTiVia** if another DHCP server is detected, otherwise it will enable its DHCP service.

- Start IP: The start IP address of DHCP Server.
- End IP: The end IP address of DHCP Server.

< Wireless Setup>

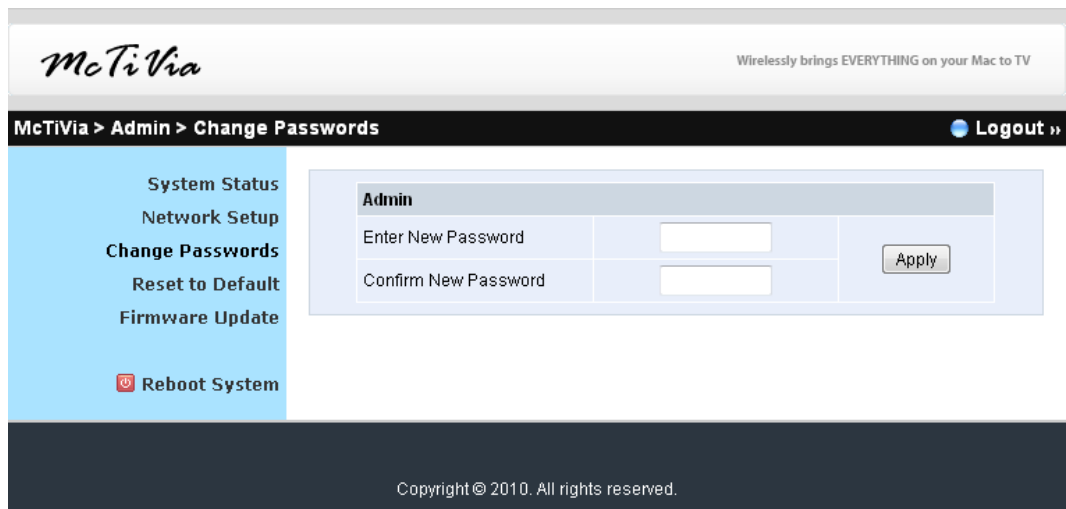
- Wireless LAN: you can select “Enable” or “Disable”
- Region: default value is “Worldwide”.
- SSID: SSID string, max. Length is 32 bytes.
- SSID Broadcast: you can select “Enable” or “Disable”
- Channel: to set fixed channel or Auto.
- Security: Open/WEP/WPA/WPA2
- Key: Security key of your choice.

<Apply>: press button to select this mode

<Cancel>: press button to abort action.

<Back>: back to Operating mode main menu

Change Passwords



McTiVia

Wirelessly brings EVERYTHING on your Mac to TV

McTiVia > Admin > Change Passwords [Logout »](#)

System Status
Network Setup
Change Passwords
Reset to Default
Firmware Update
[Reboot System](#)

Admin

Enter New Password	<input type="password"/>	Apply
Confirm New Password	<input type="password"/>	

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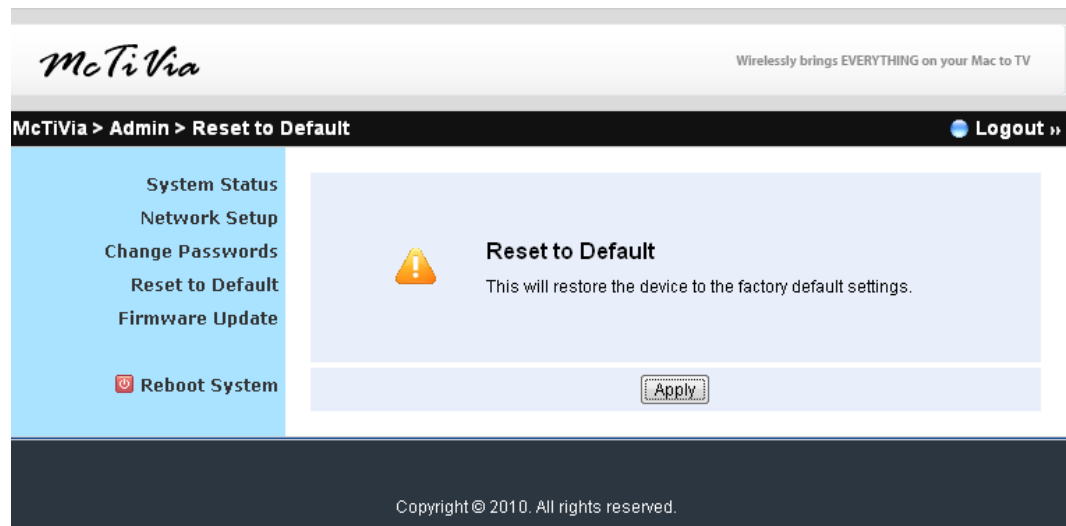
*** Click [**Change Password**] button to change password value.

<**Enter New Password**>: enter new password you want to change for each category.

<**Confirm New Password**>: double confirm new password.

<**Apply**>: Confirmation and Save modifications.

Reset to Default



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*** Click **[Reset to Default]** button to restore factory default settings.
<Apply>: Confirmation and action.

Firmware Update

The screenshot shows the McTiVia web management interface. At the top, the McTiVia logo is on the left, and the tagline "Wirelessly brings EVERYTHING on your Mac to TV" is on the right. Below the header, a navigation bar shows "McTiVia > Admin > Firmware Update" and a "Logout »" button. A left sidebar contains a menu with "System Status", "Network Setup", "Change Passwords", "Reset to Default", "Firmware Update" (highlighted), and "Reboot System" (with a power icon). The main content area displays the "Firmware Update" page. It shows a table with "Firmware Version" (0.0.0.5) and "Release Date" (20101125). Below the table, a warning message states: "After you apply Update button, projecting function will be terminated." There is a "File Name" input field with a "Browse..." button next to it, and an "Update" button below the input field. At the bottom of the page, a footer reads "Copyright © 2010. All rights reserved."

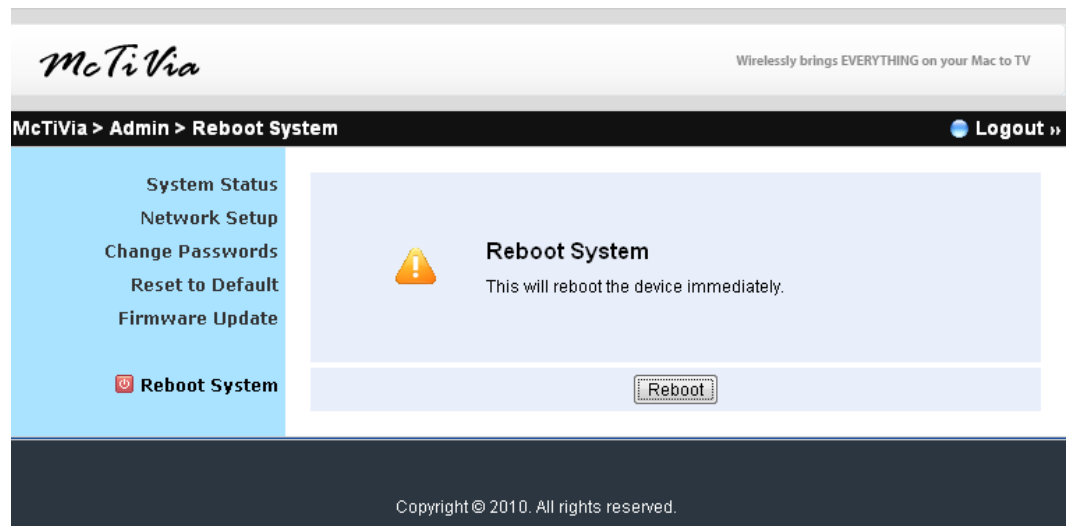
*** Click [**Firmware Update**] button to upgrade firmware.

- Firstly, you have to get latest firmware image file from your vendor.
- Click <**Choose File**> to specify file name you want to upgrade.
- Click <**Update**> to start.

The upgrade process takes about 5 minutes to complete. The **McTiVia** device will reboot automatically when the process is completed.

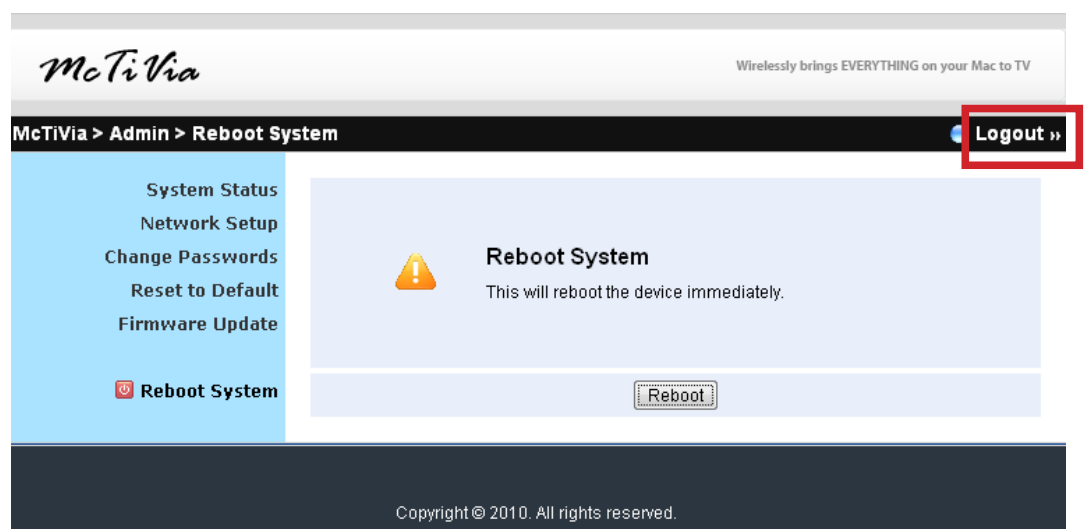
Warning: Don't power off **McTiVia** while firmware upgrade in progress, otherwise **McTiVia** device may be damaged and have to be returned to your vendor for repair.

Reboot System



*** Click **[Reboot System]** button to restart system
<Reboot>: reboot system automatically.

Logout



*** Click **[Logout]** button to return to home page.

Q: My **McTiVia cannot power up?**

A: Please check the correct power adaptor which comes with **McTiVia** (5V/2.5A) is used and the power connector is securely plugged in to **McTiVia**. Using inappropriate adaptors can damage the hardware and must be returned to your vendor for repair!

Q: My **McTiVia is not getting an IP from my home network?**

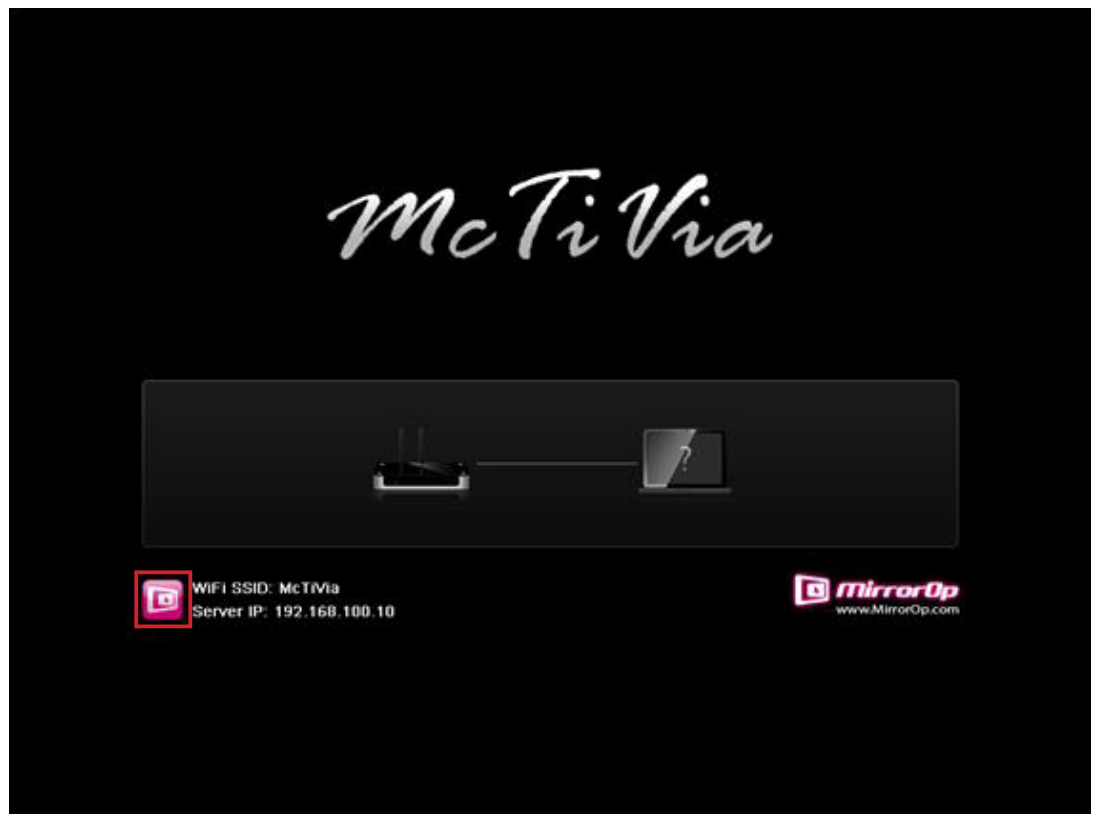
A: 1- If an Ethernet cable is used, please check the Ethernet cable is securely connected to **McTiVia** and that cable can deliver an IP address is connected to a PC using DHCP.
2- If AP-Client is used for pure wireless setup, please check the wireless signal is good enough and stable at the spot where **McTiVia** is placed. You can check this using a notebook or mobile phone at the same spot to connect to the home Access Point and observe the signal strength.

Q: No screen on my TV when **McTiVia is powered up (with green LED)?**

A: In rare cases some old HDMI TVs is not compatible with the HDMI signal from **McTiVia**, although **McTiVia** passed the HDMI Logo Certification. In this case please try with another HDMI TV, or try with an HDMI Hub between **McTiVia** and your TV.

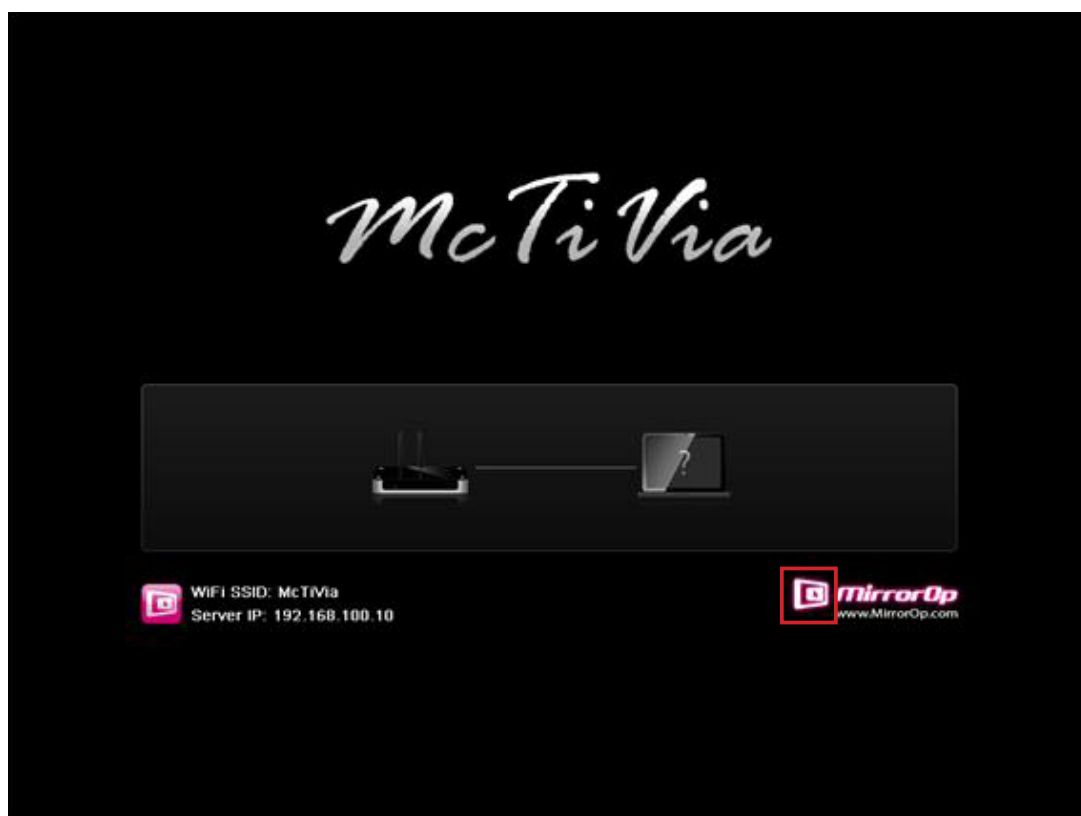
Q: How do I check the firmware info?

A: Please click the pink MirrorOp logo on the lower-left corner of the TV screen with a mouse connected to **McTiVia** to show firmware info.



Q: Something went wrong in my setting and I forgot my password! How do I reset **McTiVia to factory default?**

A: Please click the white MirrorOp logo on the lower-right corner of the TV screen with a mouse connected to **McTiVia** to set **McTiVia** to factory default settings.



Q: I still have questions. How do I contact customer service?

A: Please check the FAQ section first in this manual or our website (<http://www.awindinc.com/mctivia/faq/>). If your question is still not answered, you can contact your local vender where you purchased **McTiVia** or by mailing our Customer Service account at service@mirrorop.com.

Frequently Asked Questions

McTiVia Spec Related:

Q: What's the output resolution?

A: The output resolution is 720p via HDMI.

Q: How to output the audio and which format does it output?

A: The audio be outputted via HDMI, and the output format is stereo 44.1KHz.

Q: What's the wireless connection used on **McTiVia? How far can it go?**

A: **McTiVia** works with 802.11n WiFi signals. Usually it can go up to 90 feet. However, it depends on your WiFi environment. Please check with a laptop and a regular 11n router in your environment to see how the signal is. If you get 3 or 4 bars in signal strength, then it should be okay.

McTiVia also works with Ethernet connection. Actually the performance and stability is much better than using WiFi. All you need to do is to plug in the Ethernet cable to the Ethernet connector on the back of **McTiVia** so it gets an IP from your home router.

Q: Why I cannot activate my software?

A: Usually this is due to typing error when typing the key. Please double check each character carefully again.

In rare cases if an older version of software is used, the key validity check may fail on some computers. Please update the utility with the "Check for updates" feature in the menu, then activate again. If update the utility to latest version still got this problem, please provide your activation key to our customer service to check.

Q: Can I connect to Internet when I use **McTiVia?**

A: Yes. There are two ways to do it:

- a. Plug in the Ethernet cable to the Ethernet connector on the back of **McTiVia** then connect **McTiVia** by WiFi from your laptop.
- b. Use WiFi AP-Client Configuration function to set. You can refer the manual about this.

Frequently Asked Questions

Q: Can I project the screen of my iPad / iPhone?

A: Right now we don't have an iPad / iPhone sender that can project the screen of iPad / iPhone to **McTiVia**. However, we have an iPad receiver that you can send the screen of you Mac or Windows to. There are also free apps on App Store that can let you use iPad as a mouse or remote control. We are working on the iPad / iPhone sender and we hope there will be the first beta by the end of March. We'll update on web site immediately when it's ready.

Q: Does **McTiVia** support extended display?

A: **McTiVia** only mirror the main display now (the screen with Apple logo on the menu). We will keep improving our features include supporting extended desktop. When an update is available, you can get it with the Check for Updates item on the menu.

PC Environment Related:

Q: Does **McTiVia** support Windows?

A: Yes, **McTiVia** supports Windows Vista and Windows 7.

Q: Can I use Windows XP PC?

A: Officially, only Windows Vista and Windows 7 are supported. However, for some Windows XP machines, as long as the installation of our VAC (virtual Audio Cable) driver is successful, such PCs can also be supported if it is a dual core (except Atom processors) with NVidia or ATI graphic card. However, we do not guarantee such a try would success, and there may be some unwanted side effects!

Q: Why my CPU become busier after launching the sender software?

A: Our technology counts on your PC CPU to encode the screen images to reduce the data needs to be transferred to the receiver. Hence there will be some overhead to your PC. In general, for a 3.5+ ranking PCs, it would need up to 30% of CPU overhead to perform the lossy compression.

Connection Related:

Q. I cannot connect to my **McTiVia**. I see an error message saying that I should check my firewall. What should I do?

A. This usually means your computer is not connected to the same network as **McTiVia**. Please check the following:

A. Check the status shown on the projection panel.

Frequently Asked Questions

7

- 1- If the left line is not connected, then your PC is not connected to any network. Please check your network connection.



- Check the IP address of **McTiVia** shown on the lower-right corner of your TV screen. It should either be an IP from your home router if it is connected to your home network (Case A), or 192.168.100.10 if it is not connected to any network (Case B).
- Check the IP address of your computer and see if it gets correct IP address from your home network in Case A, or an IP from **McTiVia** (usually 192.168.100.11) in Case B.

- 2- If the left line is connected but the right line is disconnected, then no **McTiVia** is found in the network you are connected to.



- Check if the IP address of your PC and **McTiVia** are in the same subnet (only the last number of the IP address is different).
- If the three check items all passed, then you should check the settings of your firewall program or Anti-Virus program to make sure **McTiVia** software is allowed to pass.

Q: No screen on my TV when **McTiVia is powered up (with green LED)?**

A: In rare cases some old HDMI TVs is not compatible with the HDMI signal from **McTiVia**, although **McTiVia** passed the HDMI Logo Certification. In this case please try with another HDMI TV, or try with an HDMI Hub between **McTiVia** and your TV.

Q: Why I cannot project my screen?

A: The sender software needs to use the network to transmit PC screen images to the receiver. Quite usual, the reason failed to do so is mainly because of "firewalls". Your Anti-virus or network security software would show a message to ask you if you allow the sender software to use the network. If you see such message, please allow it, or choose "add rule" to the firewall setting!

Q: How can I project my PC screen using WiFi, and access to the Internet at the same time?

A: Three methods are provided:

- Use an Ethernet cable to connect the receiver box to your Internet router or Ethernet hub (recommended method).
- Use a set of Power Line adaptors. One end connects to the receiver device via a Ethernet cable; the other end connects to your Internet router or Ethernet hub.
- Choose the "WiFi AP-Client Configuration" item from the main menu, and complete required information to allow the receiver device connects to your existing WiFi Access Point. Two important things are to be noted:
 - The existing Home WiFi AP needs to support 802.11n using 2T2R technology
 - The signal strength between your home WiFi AP and the receiver device needs to be good (at least 65%) to have reasonable performance!For detailed steps to setup AP-Client, please refer to " Setting up WiFi AP-Client connection".

Q. AP Client configuration is delivering no IP address to the device.

A. AP-client mode requires correct settings and good signal strength to work properly. If you cannot connect the device to your home router with AP-Client mode, please double check the Home AP setting in the AP-Client configuration first. If the settings are correct, then you can:

- Check the strength of your wireless home router (802.11n router recommended). When the quality of the wireless signal of your home router is too low it will not be able to deliver an IP address to the device.
- Check if your home router is set to deliver automatically an IP address to any other client (DHCP mode).
- If your home router is set-up to deliver static IP addresses only, you need to

configure the device to use a static IP address out of your network IP range. Open the **McTiVia** web device management page and give the device a Static IP address which is part of your static home IP address range.

Video Related:

Q: Why the projection frame rate is slow?

A: MirrorOp needs the sender to encode screen images and the network (especially wireless network) to transfer massive real-time data to the receiver.

- For the sender: a dual core PC (excluding Atom processors) or Mac with NVidia or ATI graphic hardware is required to encode the screen images in 30 FPS (Frame Per Second) speed. However, if you still feel the FPS is not high enough, you can:
 - Lower the PC screen resolution by choosing:
Menu >> PC Screen Resolution >> Small
 - Use better media players, such as PotPlayer V1.5 and above
 - Quit unused applications
 - Use a faster PC with Windows Experience Score higher than 3.5 (4+ recommended)
- For the WiFi network, you can:
 - Change to use 802.11n WiFi
 - Move your Laptop closer to the receiver
 - Disable the “Minimum Power Consumption” option from the “Advanced Tab” in your WiFi Network Adaptor Property setting
 - Set the Projection Quality to “Normal”
 - Lower the PC screen resolution!

Q: Why I see a horizontal split line on the TV side when watching video?

A: To support more Windows PCs with reasonable performance, by default, the Aero Glass effect will be turned off to increase the screen capture speed. However, some video players (such as Windows Media Player) have some compatibility issue running on this mode. Followings are options you have:

- If you are using Windows Vista or Windows 7, use Media Center
- Use better media players, such as PotPlayer V1.5 and above
- Enable the “Advanced Screen Capture” option from the main menu. However, the frame rate may drop!

Frequently Asked Questions

Q: My PC desktop can be shown on the HDTV. However, the edges of my desktop were cut so that I cannot even see my taskbar!

A: Although HDTVs have high resolution to show PC desktop images, some of them will do "over-scan" for you to see bigger images for video watching. To correct this problem, two options are available:

- Turn off the "Over-scan" setting of your HDTV. You may need to consult to the TV's user's manual to see if this setting is available. If not:
- Use the "TV Offset Compensation" function from the main menu of the sender application to correct this problem. However, the projection frame rate may be dropped because the PC's CPU needs to scale the original desktop images down before transmitting to the receive device.

Q: Why the picture quality of the desktop images shown on my HDTV is not as good as the original one?

A: To reduce the bandwidth requirement, we adopt lossy compression method. Hence the quality of the projected images may slightly lower than the original one. To see better quality, you can set the Projection Quality to "Best" from the main menu. However, you may need to choose a clear WiFi channel, or use an Ethernet cable to provide enough bandwidth to achieve high frame rate.

Q: Why I cannot see tip windows from my task bar?

Q: Why I cannot see the icon moving when I drag my desktop icons from the TV side?

Q: Why some of my applications (especially video players) fail to launch after I run the sender application?

A: To support more Windows PCs with reasonable performance, by default, the Aero Glass effect will be turned off to increase the screen capture speed. By turning the Aero effect (or Graphic Acceleration) OFF, some application that rely on this feature may fail to launch. To correct this problem, you can:

- Enable the "Advanced Screen Capture" option from the main menu.

Side effects:

- Your local mouse cursor may blink from time to time.
- The projection speed may be slower!

Q. The aspect ratio of my screen is distorted on TV! I look too fat!

A. The projected image is identical to the PC screen. However, due to different aspect ratio in different resolution settings on PC (4:3 or 16:9), the aspect ratio

may be altered by the TV to fit to screen. Please look for options on your TV such as scaling, fit-to-screen or aspect ratio to change how the PC signal is fitted to TV, or change your PC resolution to the same aspect ratio as your TV screen (mostly 16:9 on new flat TVs). For example, select 1280 x 720 on your PC for original aspect ratio on a 16:9 flat TV.

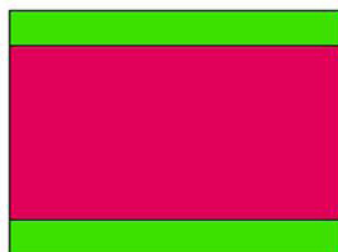
4:3 displayed on 16:9 screen



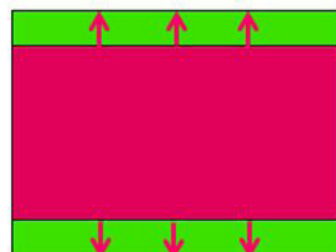
4:3 stretched to 16:9 screen
(objects appear wider)



16:9 displayed on 4:3 screen



16:9 stretched to 4:3 screen
(objects appear slimmer)



Audio Related:

Q: Audio is not in sync with video when watching a video!

A: This is mainly because of inadequate WiFi bandwidth. To fix this problem, you have the following choices:

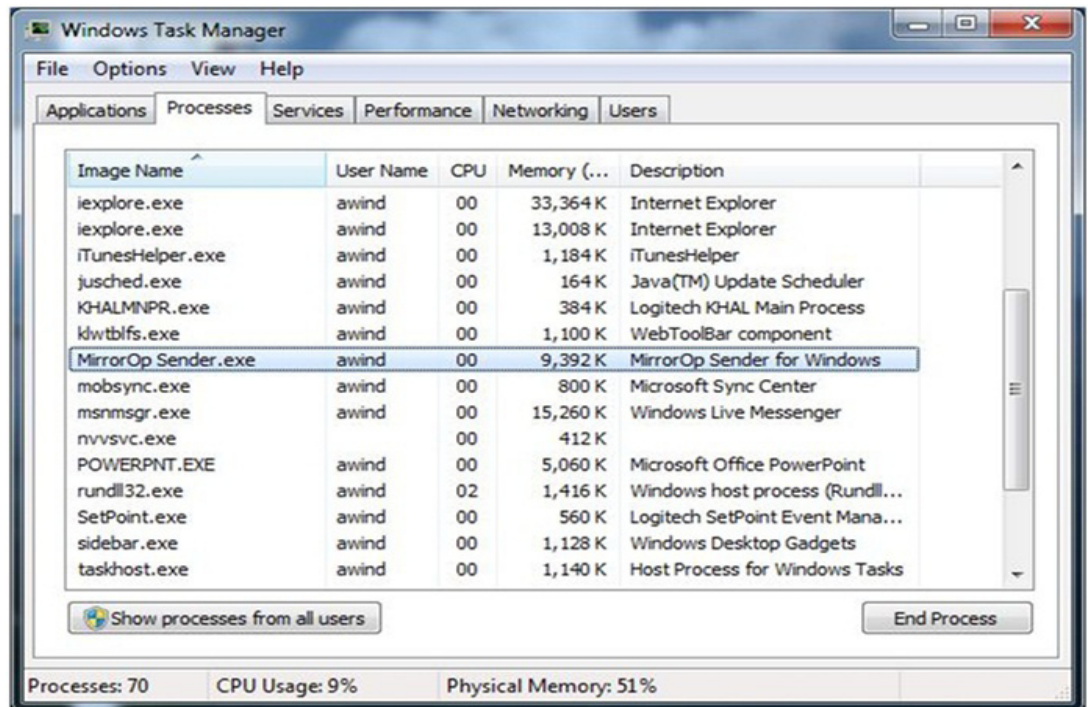
- Use an Ethernet connection
- Lower the PC screen resolution
- Decrease the Projection Quality to "Normal" if it is in "Best"
- Move your laptop PC closer to the receiver device
- Manually select a clearer WiFi channel

Frequently Asked Questions

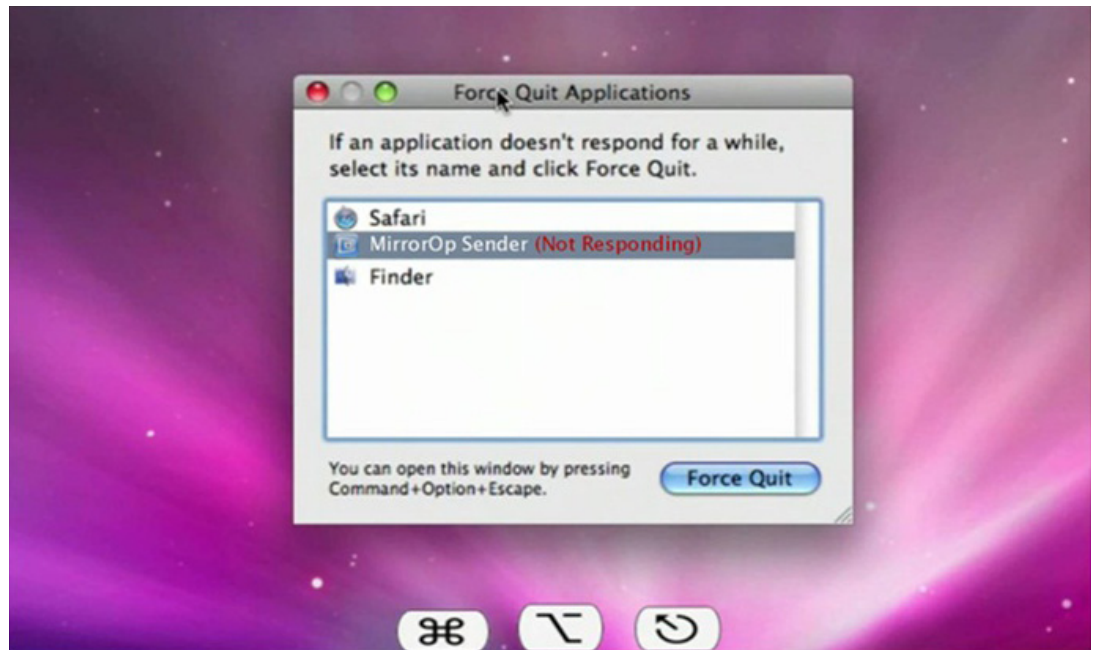
Q: After installing or running the sender software, no sound can be heard from my PC speaker?

A: This may be because the sender software was abnormally terminated. To correct this problem:

- For Windows:
 - Press Ctrl – Alt - Del simultaneously, and then select "Start Task Manager".
 - Find the process of your MirrorOp sender (such as MirrorOp Sender.exe).



- Click the "End Process" button.
- For Mac:
 - Press Command - Option - Escape simultaneously.
 - Select the application you want to force quit from the "Force Quit Applications" window that pops up. If the program has crashed, it will typically say "not responding" next to it in this menu.



- Click the button that says "Force Quit".

Q. Audio not continuous (broken) on TV when I watch full screen videos.

A. There are some possible reasons:

- System too busy. Please close all other programs and try again.
- Network not fast enough. Please check WiFi connection speed or use Ethernet connection

Q. I cannot hear any sound on TV!

A. There are three common reasons and solutions:

- Most common reason is the volume setting on TV or PC too low. Turn the volume of your PC to maximum value for remote watching, or use your TV remote to turn volume on.
- Your player set audio output to other device. Check the audio output setting of your player to use default system audio device.
- Audio device is switched by 3rd-party software. Please make sure no other application which needs to switch audio device is running when you do projection.

Frequently Asked Questions

Using Remote Control:

Q: Can I use Bluetooth/wireless mouse or keyboard to remote control?

A: Currently we don't have plan to add a bluetooth connectivity to the hardware, however, you can still use wireless mouse or keyboards that comes with a USB receiver to work with **McTiVia**.

Q: I observe about 1 second of latency between the sender PC and the receiver

A: WiFi network is apt to be interfered by other WiFi devices or even your cell phones and microwaves. Hence, an one-second buffering mechanism is implemented to reduce the effect of radio interferences, thus provide better video playback smoothness. However, if you want to use non-video applications from the TV/receiver side, followings are the options you have:

- If the sender is under the “Video mode”, you can use a set of USB mouse/keyboard connected to the receiver device to control your PC. An “Auto Input Sensing” mechanism has been implemented to automatically reduce the buffering time from 1 second to 0.1 second when you move or hit the remote mouse/keyboard. After 5 seconds of ideal, the latency will be restored to 1 second latency to provide smoother video playback results!
- Change to “Application Mode”. This mode is more suitable to interactive applications, such as gaming. However, an Ethernet connection may be required to have smooth video playback results!

Q: What kind of USB devices can be used for remote operation control?

A: The USB on the receiver box supports standard mouse and/or keyboard devices. Other types of USB devices, such as gamepad, joystick or PC camera are not supported!



Hardware Specification

Processor	ARM9 300MHz
DRAM	128 MB DDR
FLASH	16 MB
WiFi	IEEE 802.11 b/g/n, 2T2R
Real Panel	
Antenna	2 external dipole antennas
Power Adaptor	5V DC, 2.5A
USB Port	Type A USB port *1
Ethernet	10/100 Mbps Fast Ethernet RJ45 Port *1 Auto MDI/MDIX
A/V Output	HDMI 1.2
Front Panel	
LED Indication	Power LED
Power switch	Power On/Off Button

Physical Specification

Dimensions	130mm x 65.3mm x 22mm
Weight (g)	251g

Operating Requirements

Temperature	1. Operating Temperature. 0 °C to 40 °C 2. Storage Temperature. -40 °C to 70 °C
Humidity	1. Operating Humidity 10% to 90% Non-Condensing 2. Storage Humidity 10% to 95% Non-Condensing

Mac PC Requirements

CPU Grade	Intel Dual Core 1.4 GHz or better (PowerPC not supported)
Graphics	nVIDIA or ATI graphic card with 64MB VRAM or above
Operating System	Mac OS X 10.5+
Recommended Models	MacBook after 2009-01-21 All series of MacBook Pro MacBook Air after 2010-06-08

Windows PC Requirements

CPU Grade	Dual Core 1.8 GHz or better (excluding atom processor)
Display Adaptor	nVIDIA or ATI graphic card with 64MB VRAM or above
Operating System	Windows Vista, Windows 7
WiFi	802.11n

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