

PowerColor Real Angel 330 PCI TV Tuner Card

Quick Installation Guide

Minimum System Requirements

- 450 MHz Pentium II or equivalent CPU and 128 MB RAM
- Sound Blaster or equivalent sound card
- One PCI slot
- CD-ROM drive for software installation
- Windows XP, 2000 or 98SE
- 30 MB free disk space for basic software installation

Recommended System Requirements

- 2.4 GHz Pentium 4 or equivalent CPU and 256 MB RAM
- Sound Blaster or equivalent sound card
- One PCI slot
- CD-ROM for software installation
- Windows XP SP2 with DirectX 9.0 installed
- 30 MB free space for software installation
- 600 MB to 3 GB per hour of recorded video
- ATX power source and Host computer can support PCI 2.2

1. Packing Contents

TV Tuner Card

Quick Installation Guide

Remote Control

Software CD

External Audio Cable

Multiple Function Cable

IR Remote Receiver

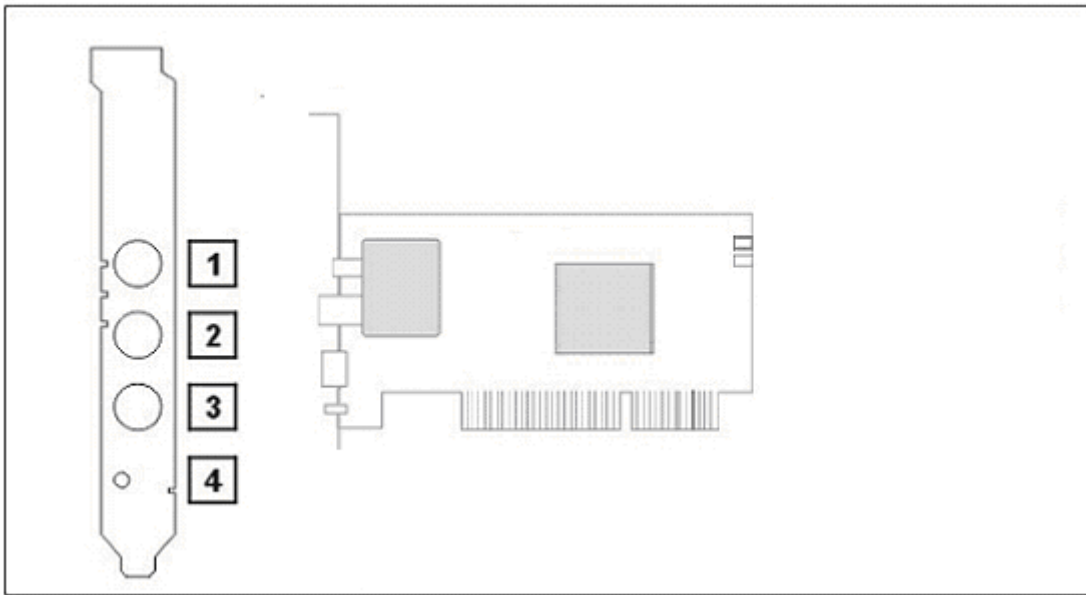
FM Antenna

Batteries

TV Antenna Adapter

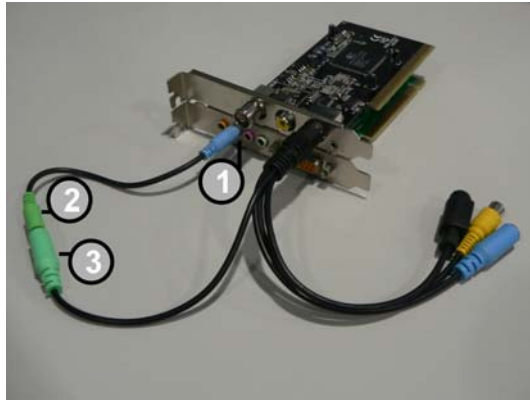
Low Profile Bracket (optional)

2. Connection



1. TV Antenna Input
Connect to a TV antenna or TV cable input.
2. FM Antenna-In
3. Connect to a FM antenna
Multiple Function Cable
 - A. Audio-In
Use an audio cable (not included) to connect to an audio source, such as CD, VHS, DVD, or VCD.
 - B. External Audio-Out
Use the supplied audio cable (not included) to connect to the Line-In port of your sound card.
 - C. S-Video-In
Use an S-Video cable (not included) to connect to a video source, DVD, V8, S-Video.
 - D. Composite-In
Use a Composite video cable (not included) to connect to a video source.
4. Remote Control
Connect the IR remote receiver.

3. Hardware Installation



Sound card connection

The Real Angel 330 TV Tuner card provides external connections to your sound card (Line-In).

To achieve maximum audio quality, users are not suggested to use the internal and external connections simultaneously.

1--- Sound card line input port

2--- Audio cable's other port

3--- Multiple function cable output port

Connect Method: One port of Audio cable connects sound card line input or Microphone input (not recommended); another port connects with multiple function cable output.

Note

External audio cable is color-coded. Connect the plug to the Audio-Out port on PCI Tuner card and the blue plug to "Line-In" port of your sound card or main board.

To achieve the best performance, the TV Tuner card should not share its IRQ. Please refer section on troubleshooting for further details.

Confirmation

- Check all your connections, including power and audio.
- Make sure it's working properly before putting back your computer case. Test it out by plugging in power cord. If your computer is not booting up please check your cable connections again.
- Replace the computer cover

TV and FM antenna

To complete your hardware installation, connect the FM antenna to the upper connector and your TV signal to the lower connector. Adjust FM antenna for optimal reception.

Now you're ready to move forward! You're one step closer to enjoying your Real Angel 330. Please refer to the following notes and proceed to the next step.

4. Driver and Software installation

When insert CD, OS will start setup automatically.

4.1. Driver Installation

Step 1: Insert the driver CD into CDROM, browse the CD, Click **"Driver Install"** or run Driver\Setup.exe, then press **"Next "** to continue.

Step 2: Click **"Next"** to continue installation

Step 3: Please install Microsoft DirectX 9.0 at first, choose **"I accept"** then click **"Next"** to continue.

Step 4: Click **"finish "** to install Microsoft DirectX 9.0

Step 5: Find the equipment for **"Real Angel 330"** and click **"Continue Anyway"**.

Step 6: System will inform you to restart PC by click **"Finish"** after installation.

Step 7: Open control panel and select **"System"** — **"System Properties"** — **"Device Manager"** — **"Hardware"**, then check whether the driver has been installed correctly.

4.2. Install the application for Real Angel 330

Click **"Software"** or run Real Angel 330\Steup.exe to install Real Angel 330.

Step 1: Click **"Yes"** to install **"Windows Media Tools"**

Step 2: Click **"Yes"** after install **"Windows Media Format 9"**

Step 3: After Windows Media please click **"Next"** to follow the guide of application installation

Step 4: Choose directory for installation, if you want to change the recommended, please click **"Browse"** and click **"Next"**
(Recommended is better)

Step 5: Choose installation parts in multiple chooses and click **"Next"**

Step 6: Click **"Next"** to start installation

Step 7: Program starts to copy files.

Step 8: Click **"Finish"** to restart your PC after installation

Step 9: You will see RA330 TVPro icons as here.

5. Troubleshooting

1) Error: you have no video capture hardware

- If you see this message after clicking on the Icon, it means the driver's not installed successfully and you may want to try installing it again.
- Please check the "Device Manager", check if the driver is not correct installation. Please install drivers again.
- If you still experience the same error after installing for the second time, there might be a conflict in IRQ. Please try reinstalling the card into other PCI slot to resolve the problem.

2) Video OK / No Audio

- If you have clear image but no audio, you can check the following:
 1. Check the audio control panel in the Windows Volume Control dialog. Make sure it hasn't been muted.
 2. Make sure that the external audio loop back cable is connected between the Audio-Out of the TV tuner card and Line-In of your sound card. After doing so, please check and select the audio source to be "Line-In" in the System Device in Settings of RA330 TVpro.

3) Why cannot see the image (black screen)?

- Try to restart application software.
- Try to reinstall REAL ANGEL 330 device driver.

4) Why do the color and sound have problem when watching TV?

- Please check if the "Country and Zone" is correct.

5) Why is the TV quality very poor?

- Please check cable signal's quality. If so, please add a signal amplifier.

6) There are lost frame drop and A/V synchronization when playing recorded TV program.

- Please check if the PC system meets the minimum requirement. If no, please check sound drive or install WDM driver program of sound card.

7) There are more noise when replay the record file.

- Maybe when you record the program the volume of Line-In is too high. Please adjust the volume to medium and try again.
- Maybe the problem is caused by Sound card, some low cost sound card has recording problem. Also, update the video card's driver.

Please visit our website and FAQ for more help. Also, please feel free to contact us if you have any problem.

<http://www.powercolor.com> USA region.

Remark: Due to our products updated very often. The accessories and bundled software may not be the exactly same as shown. The specifications are subject to change without notice.