

MODEL 176149



MAN-176149-UM-1206-04

Thank you for purchasing the MANHATTAN® PCI 3-in-1 TV Tuner Card, Model 176149. This card brings free-to-air digital terrestrial and analog TV and FM radio to desktop computers with advanced features and controls that enhance viewing options: Digital Personal Video Recording captures and directly saves TV programs to the hard drive for replay or transfer to CDs and other portable media devices; Electronic Program Guide lets you browse program summaries, conduct channel/program searches, schedule reminders and more; Time-shifting lets you replay favorite scenes, skip annoying ads and apply pause/rewind/fast forward control to live video and recorded programs.

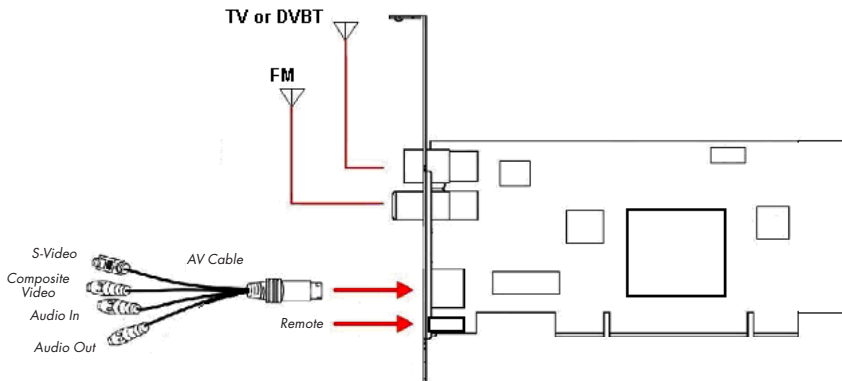
Package Contents:

- PCI 3-in-1 TV Tuner Card
- DVB-T and FM antennas, plus PAL-NTSC connector
- Remote control receiver and multifunction cables
- Low-profile bracket
- Remote control (AAA batteries included)
- User manual and software/driver CD

System Requirements:

- Pentium 4 1.6 GHz or AMD Athlon 1.6 or above; 256 MB RAM, 100 MB HDD space recommended
- DirectX 9.0 or above
- VGA graphics with 32 MB RAM and DirectX 8.1 support
- AC97-compatible sound card
- Windows 2000/XP/Vista/7

INPUT/OUTPUT CONNECTIONS



TV: Connects to your home antenna or cable for analog TV and digital terrestrial TV.

AV Cable: Connects the AV cable to the 9-pin connector of the PCI 3-in-1 TV Tuner Card.

S-Video: For external devices like VCRs or camcorders.

Composite Video: For external devices like VCRs or camcorders.

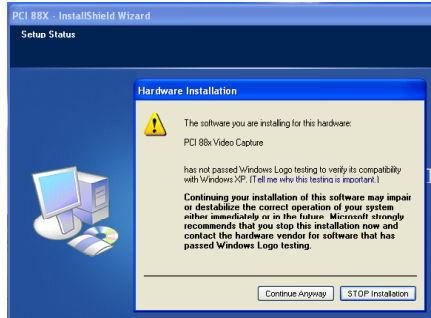
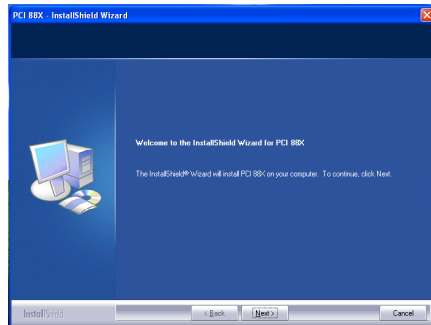
Audio In: Connects to the audio of external devices such as VCRs, camcorders, etc.

Audio Out: Connects to the sound card of the PC.

Remote: Connects to the IR remote cable.

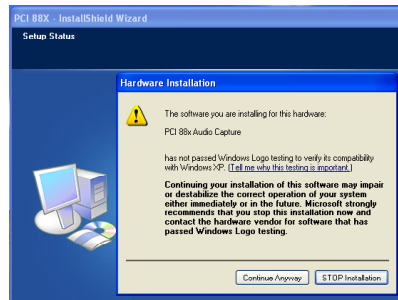
SOFTWARE INSTALLATION

1. Once the tuner card is connected, the prompt "New Device" may appear. Click "Cancel."
2. Insert the driver CD; an install screen will automatically be displayed. Click "Next."
3. When prompted by the "Video Capture" screen, click "Continue Anyway."



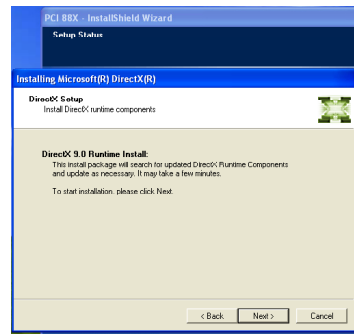
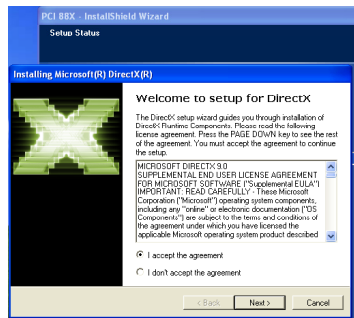
4. When prompted by the "Audio Capture" screen, click "Continue Anyway."

5. When prompted by the "DVB-T Capture" screen, click "Continue Anyway."



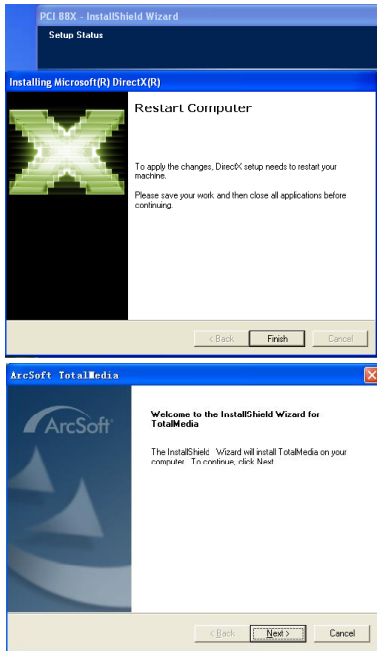
6. When the DirectX setup screen displays, select "I accept the agreement," then click "Next."

7. Click "Next" again.



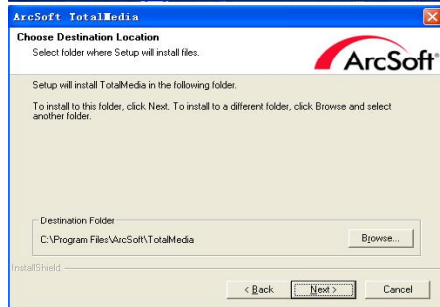
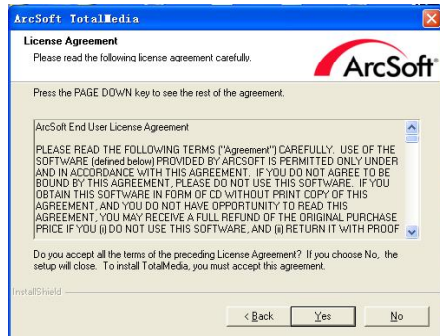
8. When the installation is complete, the system will direct you to restart the computer. Click "Finish."

9. When the TotalMedia installation screen displays, click "Next."

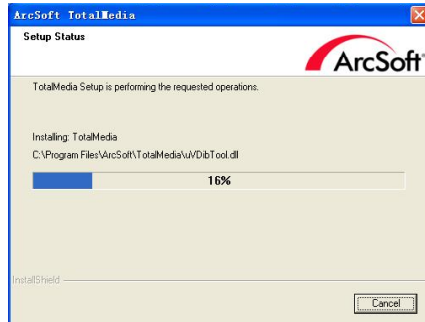
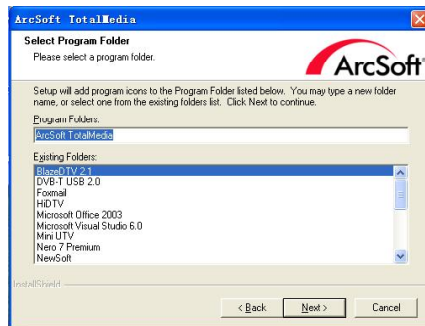


10. Read the license agreement and click "Yes."

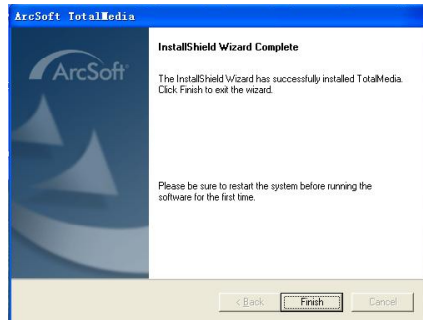
11. Click "Browse" to select a destination folder to place the program in. (The default folder is C:\ProgramFiles\ArcSoft\TotalMedia.)



12. Once a destination folder is selected, click "Next."



13. Once the installation of TotalMedia is complete, click "Finish."



SPECIFICATIONS

Standards and Certifications

- PCI 2.1 compliant
- DVB-T compliant
- Supports PAL/SECAM/NTSC tuner systems

Interface

- PCI 2.1
- 32 bit
- 5 V

General

- MPEG1, MPEG2, VCD, SVCD, DVD and A/V split-capture formats
- 320 x 240 (NTSC) to 720 x 576 (PAL) supported resolutions
- Full-motion display 30 fps @ 720 x 480 (NTSC) and 25 fps @ 720 x 576 (PAL)
- MPEG-1/2/4, DVD, VCD, SVCD, AVI, WMV, MP3 and WMA recording formats
- CX2388X chipset
- ArcSoft TotalMedia software included

Tuner

- Input terminal: 75 Ohm IEC (DIN)
- Receiving frequency (TV): 48.2 – 863.25 MHz
- Supports multiple and single channels per carrier (MCPC, SCPC)

- Supports COFDM and FEC
- Supports DVB-T
- 2K – 8K FFT size
- Puncture codes: 1/2, 2/3, 3/4, 4/5, 5/6 and 6/7
- Bandwidth: 6/7/8 MHz auto selected

Demultiplexer

- 32 PIDs maximum number of section filtering
- Software engine
- PES and TS stream capture

A/V Formats

- Video format: MPEG-II Main Profile and Main Level
- Audio format: MPEG-II Audio Layer I and II

Connections

- TV or DVB-T: F-type (female)
- FM: RCA (female)
- AUX: 9-pin DIN (female)
- RC receiver: 2.5 mm stereo (female)

Physical

- Dimensions, overall: 15.4 x 2.2 x 11.9 cm (6.0 x 0.8 x 4.6 in.)
- DVB-T/TV antenna with magnetic base: height, 15 cm (6 in.); cable, 147 cm (4.5 ft.)

- FM antenna: 200 cm (6.5 ft.)
- Multifunction cable: 20 cm (7.5 in.)
- Remote control receiver cable: 11 cm (4.5 in.)
- Weight: 76.5 g (2.7 oz.)

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