# PCI 3-IN-1 TV TUNER CARD USER MANUAL MODEL 176149

# MANHATTAN

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:

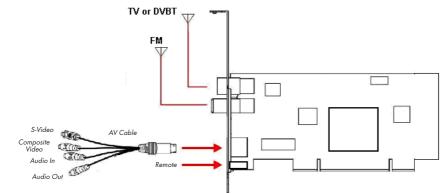
- PCI 3-in-1 TV Tuner Card
- DVB-T and FM antennas, plus PAL-NTSC connector
- Remote control receiver and multifunction cables
- Low-profile bracket
- Remote control (AAA batteries included)
- User manual and software/driver CD

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."

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

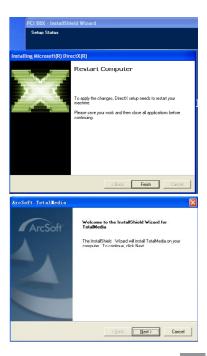
### 7. Click "Next" again.

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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."

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

rcSoft TotalMedia	
License Agreement Please read the following license agreement c	arefully. ArcSoft
Press the PAGE DOWN key to see the rest of	the agreement.
ArcSoft End User License Agreement PLEASE READ THE FOLLOWING TERMS ( SOFT WARE Idented balow (FROVIDED BY AND IN ACCORDANCE WITH THIS AGREE BOUND BY THIS AGREEMENT, PLEASE D OBTAIN THIS SOFTWARE IN FORM OF CO AGREEMENT, YOU MAY FRECEVE A FULL AGREEMENT, YOU MAY FRECEVE A FULL PHICLE IFYOU (00 D NOT USE THIS SOFT Do you ascept all the terms of the preceding L setup will close. To install TotaMedia, you mu websited	ARCSOFT IS FERMITTED ONLY UNDER MRTI. IF YOU DO NOT AGREE TO BE O NOT USE THIS SOFTWARE. IF YOU WITHOUT PRINT COPY OF THIS PORTUNITY TO READ THIS REFUND OF THE ORIGINAL PURCHASE WARE, AND (0) RETURN IT WITH PROOF ↓ icense Agreement? If you choose No, the
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rcSoft TotalMedia	
Choose Destination Location	
Select folder where Setup will install files.	ArcSoft
Setup will install TotaMedia in the following fol To install to this folder, click Next. To install to enother folder.	
Destination Folder C:\Program Files\ArcSoft\TotalMedia	Browse
stallShield	<back next=""> Cancel</back>



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

#### ArcSoft TotalMedia

#### Select Program Folder

Please select a program folder.



Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.

**Program Folders** 

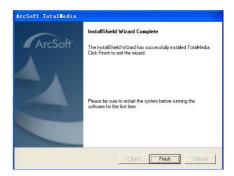
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**MANHATTAN** 

Cancel

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 Total Media 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.)

#### System Requirements

- Pentium 4 1.6 GHz or AMD Athlon 1.6 or above, 256 MB RAM and 100 MB HDD space recommended
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