

# **USB Video Adapter With Audio**

**USER'S MANUAL**

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## CHAPTER 1. OVERVIEW

### 1.1 Introduction

Congratulations on your purchase of our **USB Video Adapter With Audio**. It is the bridge between your PC and analog camera, VCR, camcorder or other video sources. **USB Video Adapter With Audio** is small enough to fit the palm of your hand and is ideal for notebook, desktop PCs and iMac, which has a snapshot button that allows you to take high quality still photos.

### 1.2 Key Features

- Small Wonder - Dimensions are (H) 88mm X (W) 31mm X (H) 21mm
- No battery - No need to install batteries or run off the wall adapter.
- High Quality Video Compressor to speed up video frame rate
- Preallotment memory size to speed up capture performance
- Convert analog audio / video signal to digital through USB
- Low power consumption, suit for portable computer too.

- Stereo Audio input to make best audio synchronization.
- Snap Shot - A single snap shot button takes still photos at VGA solution (640 x 480 pixels)
- Composite or S-Video analog input, NTSC, PAL and SECAM multi system support
- Low CPU Utilization at decompression.
- Support Zoom, Pan and Tilt functions
- Plug & Play

### **1.3 Specifications**

- Video Input - One RCA composite, one S-Video
- Audio Input - Stereo L/R Audio
- Video Output - Serial data for USB standard compliant
- Video Capture size - 160 x 120, 176 x 144, 320 x 240, 352 x 288 pixels
- Single button snap shot to capture still picture 640 x 480 pixels
- Power Source - 5VDC, 170mA (max) through USB port

- Performance - 30 fps at CIF size (352 x 288 pixels)
- USB data bandwidth 4Mbps – 7.5Mbps isochronous

#### **1.4 System Requirements**

- USB equipped computer
- CPU 266MHz
- 64MB of RAM
- CD-ROM drive (for installing driver & software)
- 256 color VGA display
- Windows 95 OSR2.1 / 98 / 98SE / ME / 2000 / XP
- Mac OS 8.6 / 9.1 / 9.21

#### **1.5 Package Contents**

- USB Video Adapter X 1
- CD-ROM of driver and software X 1
- User's Manual X 1

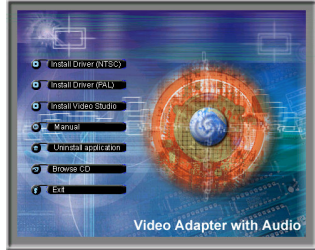
## CHAPTER 2. PC SOFTWARE INSTALLATION

### 2.1 Driver Installation

(1) Please put CD-ROM into CD-ROM driver.

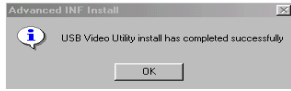
(2) Autorun function will be executed as below.

(If not, please execute CD-ROM's "autorun.exe" file in root directory.)



(3) Please click "Install Driver (NTSC or PAL)".

(4) The driver will be installed automatically. If your OS system is Win98 / 98SE please Insert 98 / 98SE CD-ROM for further installation.



(5) Click "OK" for completion the driver installation.

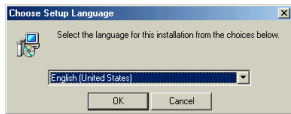
(6) The desktop will appear "AM Capture" and "Audio Preview " two programs.

Remark: "AM Capture" is a preview program for testing purpose only

"Audio Preview " is a program for solving the problem of audio compatibility.

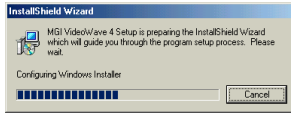
## 2.2 Software Installation

(1) To autorun screen and click "Install Wave SE 4".

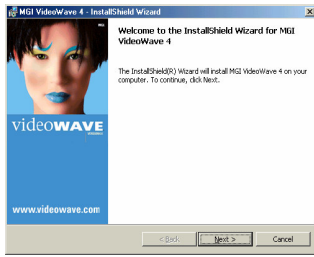


(2) "Choose Setup Language", please click "ok"

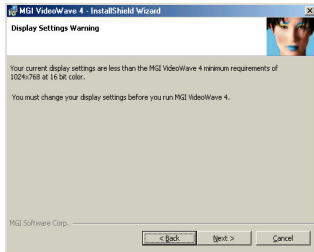




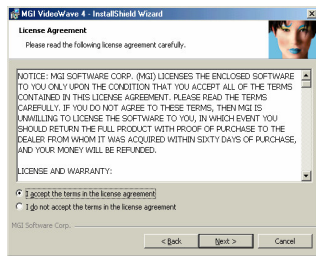
(3) The Video Wave SE 4 preparing, please wait.



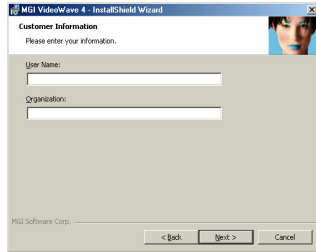
(4) "Welcome Message", please click "Next"



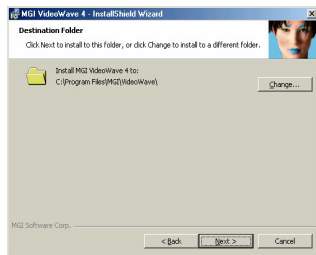
(5) "Display Setting Warning ", please setting your display minimum requirement of 1024 x 768 at 16 bit color



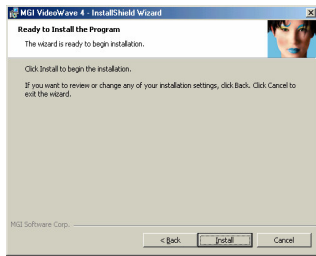
(6) "License Agreement", please click "I accept the terms in the license agreement" and "Next"



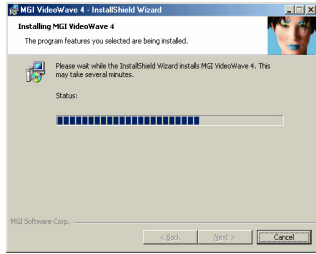
(7) "Customer Information", please enter your information



(8) "Destination Folder", please click "Next"



(9) "Ready to install the program", please click "Next"



(10) Installing MGI Video Ware SE 4



(11) "Online Registration", please click "Continue"

Online Registration Utility

First name: \_\_\_\_\_ Surname: \_\_\_\_\_

E-mail address: \_\_\_\_\_ Country: \_\_\_\_\_

Company: \_\_\_\_\_ Province/State/Region: \_\_\_\_\_

Address 1: \_\_\_\_\_ City: \_\_\_\_\_

Address 2: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

Provide me with news about MGI Software product updates and promotional events.  
 Provide me with information from MGI approved partners.  
 I don't have an e-mail address yet.

Your privacy is important! The information you provide helps us to serve you. It will be held in the strictest confidence and will not be sold, rented or shared without your consent.

Finish Cancel

(12) "Online Registration Utility", please enter your information

MGI VideoWave 4 - InstallShield Wizard

InstallShield Wizard Completed

The InstallShield Wizard has successfully installed MGI VideoWave 4. Click Finish to exit the wizard.

www.videowave.com

Back Finish Cancel

(13) "Installshield Wizard Completed", please click "Finish"

MGI VideoWave 4 Installer Information

You must restart your system for the configuration changes made to MGI VideoWave 4 to take effect. Click Yes to restart now or No if you plan to restart later.

Yes No

(12) Please click "Yes" to restart your computer

### CHAPTER 3. MAC SOFTWARE INSTALLATION

(1) Please put CD-ROM into CD-ROM drive.



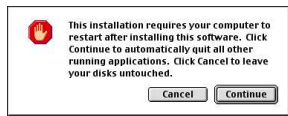
(2) Computer will autorun and appear icon of USB Video Adapter, please click it.



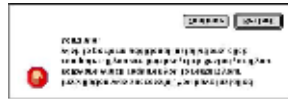
(3) Click "UVP3.06 INST" for driver installation.



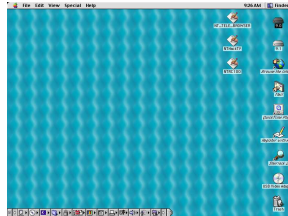
(4) Please click "Install."



(5) Please click "Continue."



(6) Please click "Restart" for restart the computer.



(7) The desktop will appear three programs of "NT\_TELE\_BROWSER", "NTHackTV", and "NTRC100".

(8) Please use "NTHackTV" for video editing.

## CHAPTER 4. HARDWARE INSTALLATION

### 4.1 Win ME / 2000 / XP

- (1) Connect **USB Video Adapter With Audio** to computer.
- (2) Computer will detect "USB Composite Device", please click "Next".
- (3) Searching the driver, please click "Next".
- (4) Put CD-ROM into CD-ROM drive, and choice the route at "Driver" or "DirverPAL" of CD-ROM, and please click "OK / Comfirm".
- (5) **USB Video Adapter with Audio** setup complete, please click "Finish".
- (6) Computer will detect "USB Composite Device", please click "Next"
- (7) Searching the driver, please click "Next".
- (8) Put CD-ROM into CD-ROM drive, and choice the route at "Driver" or "DirverPAL" of CD-ROM, and please click "OK / Comfirm".
- (9) USB Video Adapter with Audio" setup complete, please click "Finish"

#### **4.2 Win98 / 98SE**

- (1) Connect **USB Video Adapter with Audio** to computer.
- (2) Computer will detect the "USB Composite Device", please click "Next".
- (3) Search the driver, please click "Next".
- (4) Put CD-ROM into CD-ROM drive, and choice the route at "Driver"  
or "DriverPAL" of CD-ROM, and please click "OK".
- (5) Please click "Next".
- (6) Please click "Next".
- (7) Insert CD-ROM of Windows 98 into CD-ROM drive, and please click "OK".
- (8) "USB Composite Device" setup complete, please click "Finish".
- (9) Computer will detect the "Unknown Device", please click "Next"
- (10) Search the driver, please click "Next".
- (11) Put CD-ROM into CD-ROM drive, and choice the route at "Driver"  
or "DriverPAL" of CD-ROM, and please click "OK".
- (12) Please click "Next".



- (13) Please click "Next".
- (14) **USB Video Adapter with Audio** setup complete, please click "Finish".
- (15) Computer will detect the "Unknown Device", please click "Next".
- (16) Search the driver, please click "Next".
- (17) Put CD-ROM into CD-ROM drive, and choice the route at "Driver" or "DriverPAL" of CD-ROM, and please click "OK".
- (18) Please click "Next".
- (19) Please click "Next".
- (20) Insert CD-ROM of Windows 98 / 98SE into CD-ROM drive, and please click "OK".
- (21) **USB Video Adapter with Audio** setup complete, please click "Finish".
- (22) Please connect video and stereo audio input to **USB Video Adapter with Audio**.

### 4.3 Mac

- (1) Connect **USB Video Adapter with Audio** to computer.
- (2) Connect video and stereo audio input to the **USB Video Adapter with Audio** properly.

## CHAPTER 5. QUESTION AND ANSWERS

1. Q: How to switch RCA and S-Video Jack?

A: **Under Windows**

- (1). There is one icon of "AMCap" on the desktop, please double click it.
- (2). Please click "Options" and then click "Video Crossbar".  
(You have to connect the device firstly, and then you will see "Video Crossbar".)
- (3). Click "Input", there are two choices for your selection.
  - ✧ If you use RCA Jack, please select "0: Video Composite In".
  - ✧ If you use S-Video Jack, please select "1: Video S-Video In".
- (4). Click "Confirm", and finish the set up.

**Under Mac**

- (1) Click "HackTV " for video capture
- (2) Click "Monitor -> "Video Settings" -> "USB Vision" -> Switch "USB Vision" to "Source", and setup followings according to the video input.
  - ✧ Input: Composite or S-Video
  - ✧ Format: NTSC or PAL

2. Q: How to confirm if USB Video Adapter hardware is installed properly?

A: **Under Win98 / SE / ME**

You can check to the

1. Control Panel / System / Device Manager /Video Device, there will be USB Video Adapter With Audio.
2. Control Panel / System / Device Manager /Universal serial bus controller/USB Composite Device
3. Control Panel / System / Device Manager / Sound, video

and game controllers/ USB Video Adapter With Audio

**Under Win 2000 / XP**

You can check to the

1. Control Panel / System / Hardware / Device Manager / Video Device, there will be USB Video Adapter With Audio.
2. Control Panel / System / Hardware / Device Manager /Universal serial bus controller/USB Composite Device
3. Control Panel / System / Hardware / Device Manager /Sound video and game controllers/ USB Video Adapter With Audio

3. Q: Why the **USB Video Adapter with Audio** does not have the sound when I use other software?

A: Your software may be made by old specification of DirectXShow. Owing to the old specification of DirectXShow does not support USB Audio function, we attach one audio program of **Audio previvew.exe** for solving the problem.

4. Q: Why **USB Video Adapter with Audio** can't play the sound under  
AMCap program?

A: Because AMCap program still doesn't support USB Audio, so you  
have to install another program of "Audio Preview.exe" for improvement.