

# AD6

*Media Adapter*



# User Manual

& Installation Guide

V1.0

# Table of Contents

<b>CHAPTER 1 - INTRODUCTION</b>	<b>- 1 -</b>	[PROPERTIES]	- 8 -
<b>THE AD6</b>	<b>- 1 -</b>	<b>SETUP</b>	<b>- 8 -</b>
<b>PACKAGE CONTENTS</b>	<b>- 1 -</b>	[PHOTO SETUP]	- 8 -
<b>PLAYBACK FORMATS</b>	<b>- 1 -</b>	[MUSIC SETUP]	- 8 -
SUPPORTED MEDIA CARDS	- 1 -	[MOVIE SETUP]	- 8 -
PLAYBACK FORMATS	- 1 -	[SLIDESHOW SETUP]	- 8 -
<b>CLOSE-UP VIEW</b>	<b>- 2 -</b>	[PREFERENCES]	- 8 -
<b>REMOTE CONTROL</b>	<b>- 3 -</b>	[ADVANCED SETUP]	- 8 -
<b>CHAPTER 2 - SYSTEM SETUP</b>	<b>- 4 -</b>	<b>CHAPTER 4 - AUTOMATED PLAY</b>	<b>- 9 -</b>
<b>CHAPTER 3 - TV MODE</b>	<b>- 5 -</b>	<b>COUNT DOWN TIMER</b>	<b>- 9 -</b>
<b>HOME</b>	<b>- 5 -</b>	<b>AUTOMATIC PLAYBACK ON POWER ON</b>	<b>- 9 -</b>
[HOME]	- 5 -	[AUTO PLAYBACK]	- 9 -
[DISP]	- 5 -	[AUTO SLIDESHOW]	- 9 -
<b>PHOTO</b>	<b>- 5 -</b>	<b>SCHEDULED PLAYBACK</b>	<b>- 9 -</b>
[ZOOM]	- 5 -	[AUTO ON/OFF]	- 9 -
[ROTATE]	- 5 -		
[M]	- 5 -	<b>CHAPTER 5 - APPENDIX</b>	<b>- 10 -</b>
[T]	- 6 -	<b>FAQ</b>	<b>- 10 -</b>
<b>MUSIC</b>	<b>- 6 -</b>	<b>ABOUT THIS MANUAL</b>	<b>- 11 -</b>
[VOLUME]	- 6 -		
[M]	- 6 -		
[T]	6		
<b>VIDEO</b>	<b>- 7 -</b>		
[VOLUME]	- 7 -		
[FF/RV]	- 7 -		
<b>FILE</b>	<b>- 7 -</b>		
[DISP]	- 7 -		
[COPY]	- 8 -		
[DELETE]	- 8 -		
[RENAME]	- 8 -		
[NEW FOLDER]	- 8 -		

# Chapter 1 - Introduction

## The AD6

Macpower's AD6 media adapter provides playback capabilities for standard file formats, ready to play from any type of media card. With its built in timer, it is also ideal for automated playback of advertisement or user-defined content to be shown at any pre-programmed time on any LCD screen or panel.

Product Dimensions:        14.0cm x 8.5 cm x 2.6 cm  
                                      5.51" x 3.35" x 1.02"

## Package Contents

- AD6 media adapter
- External power adapter;  
  Input 100-240V, Output +12V/1A
- Composite and S-Video AV cables
- Infrared remote control
- Manual

## Playback Formats

### Supported Media Cards

Compact Flash type I/II, IBM MicroDrive, Smart Media, MS, MS-Pro, MS-Duo, SD, Mini SD, MMC and RSMMC.

### Playback Formats

- **Video:**  
  MPEG-1, MPEG-2, MPEG-4  
  (ASF simple profile 320 x 240 video)
- **Audio:**  
  MP3, WMA, WAV, OGG  
  (MP3 minimum 32 Kbps, maximum 256 Kbps)
- **Photo:**  
  JPEG, Motion JPEG (AVI)  
  (JPG minimum 16 x 16pixels, maximum 5120 x 3840pixels)  
  (Motion JPG maximum 10 fps)

## Close-up view

### Front View:



1. CF/MD card reader slot
2. SD/MS/SM/MMC card reader slot
3. Infrared receiver
4. Status LED

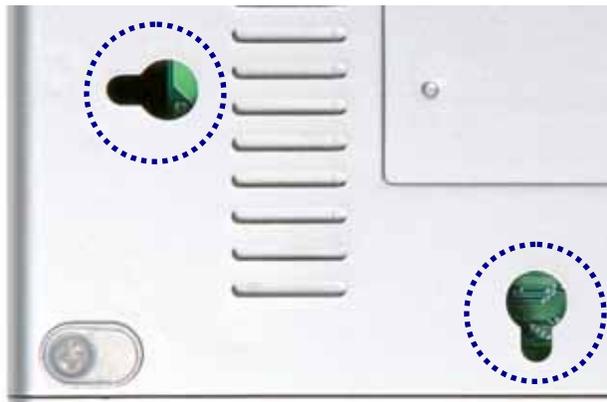
### Rear View:



1. Power switch
2. Power receptacle
3. VGA output
4. S-Video Output
5. Analog video output
6. Stereo audio output

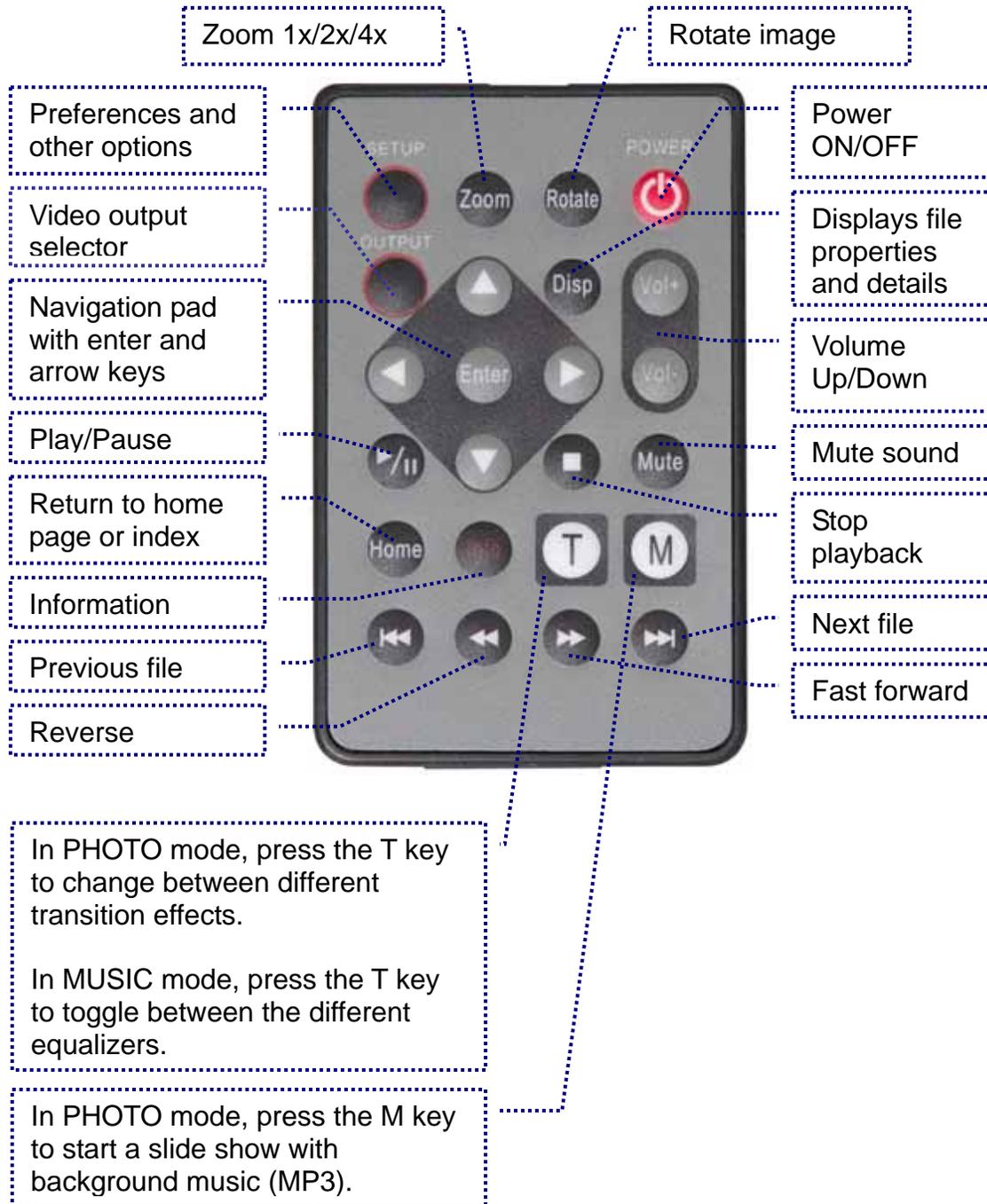
### Bottom View:

Mounting holes for wall mount.



\* Images for reference only

# Remote Control



Note: Ensure the battery (3V lithium cell, CR2025) is inserted before use.

## Chapter 2 - System Setup

Find a suitable place for your AD6, within 1.4m of your TV screen, panel or LCD display. Connect the power supply to your device and the power outlet.

Included with your AD6 are a standard video cable with RCA connector and an S-Video cable. Connect the RCA connector to the video output connector on the AD6 and plug it into your TV. For better video quality, we recommend using the S-Video cable and the S-Video connector instead of the yellow RCA connector. For LCD displays, an optional VGA cable is also available.



For audio output, use the red and white RCA connectors. Connect this cable to the audio output on your AD6 and plug it into your TV, external speakers or sound system.



Having connected all cables, you are now ready to turn on the power switch. Wait a few seconds for the system to boot, then use the remote control to navigate and control the device. If the screen stays blank, press the OUTPUT key on your remote control to toggle through the different video channels until you find the correct one.

To change between PAL and NTSC TV systems, press the SETUP button on your remote control and change the TV type under Preferences.

To prevent any accidental change of the video output, you can lock your settings. To do this, press the SETUP key, go to Preferences, press the FAST FORWARD key once and then select Output Lock. Turn it ON by selecting your preferred output and clicking ENTER.

## Chapter 3 - TV Mode

### HOME

The main screen shows four choices. Choose PHOTO to display all images (JPG) stored on the media card and see a small thumbnail preview. Choose MUSIC to display all audio files (MP3, WMA, WAV, OGG) or choose VIDEO to preview all movies (MPEG-1, MPEG-2, MPEG-4). To see all files sorted by folders, as seen on the computer, choose FILE.



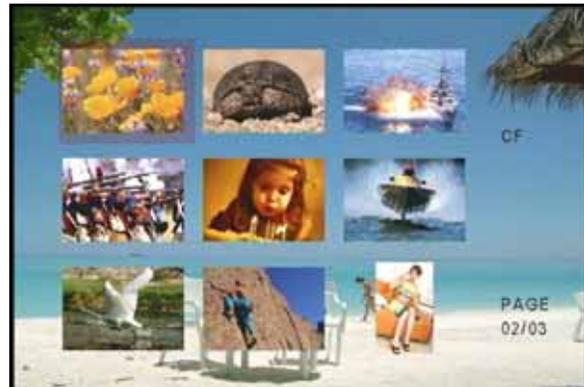
If more than one media card is inserted, you can select the one you like to access before seeing the HOME screen.

**[HOME]** To get back to the HOME screen, press the STOP key on your remote control, followed by the HOME key.

**[Disp]** Press the Disp button to see the calendar (if enabled under preferences)

### PHOTO

All images stored on the media card will be displayed, regardless of which folder they are stored in. A preview with small thumbnail images will be shown. Use the arrow buttons on your remote control to navigate. Press the down arrow or the NEXT button to explore the next page if you have a lot of images and use the ENTER key to display the photo of your choice.



**[ZOOM]** When displaying a single image, you can use the ZOOM button to toggle through different enlargements (ON, 2x, 4x, OFF). During zoom mode, use the arrow buttons to pan.

**[ROTATE]** When displaying a single image, you can use the ROTATE button to rotate your photos clockwise in 90° steps.

**[M]** Press the M button to start a slide show presentation with background music. It will automatically playback MP3 files stored on the media card.

**[T]** Press the T button to toggle through 13 different transition effects for the slideshow presentation.

1. Full Screen
2. Roll: Top to Bottom
3. Roll: Bottom to Top
4. Roll: Top/Bottom to Center
5. Roll: Center to Top/Bottom
6. Blind: Top to Bottom
7. Roll: Left to Right
8. Roll: Right to Left
9. Roll: Left/Right to Center
10. Roll: Center to Left/Right
11. Roll: Implode
12. Blind: Left to Right
13. Cross Fade
14. Random

## MUSIC

All audio files stored on the media card will be displayed, regardless of which folder they are stored in and it will automatically start to playback the first file.

Use the arrow buttons on your remote control to navigate. Press the down arrow or the NEXT button to explore the next page.



**[ENTER]** Press the ENTER button to display the equalizer and further details for the chosen music file.

**[Volume]** Use the Vol+ and Vol- buttons on your remote control to adjust the volume and if needed, press the MUTE key to temporarily turn off the sound completely.



**[M]** Press the M button to start a slideshow presentation with MP3 background music.

**[T]** In equalizer mode, press the T button to change between the different equalizer presets.

1. Standard
2. Classic
3. Jazz
4. Rock
5. Pop
6. Ballad
7. Dance

## VIDEO

All movies stored on the media card will be displayed, regardless of which folder they are in. A preview with small thumbnails and a short movie clip for each video file will be shown.

Use the arrow buttons on your remote control to navigate. Press the down arrow or the NEXT button to explore the next page and press the ENTER key to start playback.

**[Volume]** Use the Vol+ and Vol- buttons on your remote control to adjust the volume and if needed, press the MUTE key to temporarily turn off the sound completely.

**[FF/RV]** During playback, use the FAST FORWARD or REVERSE buttons to skip to a certain part of the movie.

## FILE

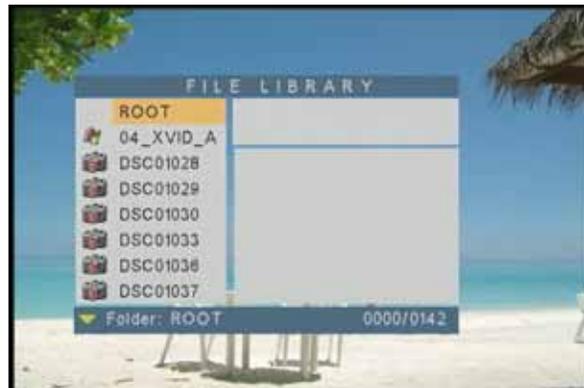
In FILE mode, the data on the media card is displayed showing the folders and structure as seen on the computer. Only supported media files will be displayed.

Use the arrow buttons on your remote control to navigate and preview the files. Press ENTER to display the selected file in full screen mode.

**[File Edit]** In the file library, you have the possibility to erase and rename files, or even copy them to a different location or create new folders. If more than one media card is inserted, you can also copy files between cards.

To use this function, you have to enable it first in the setup menu under preferences. By default, this function is locked, so once you have selected preferences, press the FAST FORWARD key to enable it, then turn it ON.

**[Disp]** In the file library, select a file and press the DISP key. A pop-up menu with different options like copy, delete, rename, new folder and properties will appear.



**[Copy]** Select copy to turn on the copy mode. Press the RIGHT arrow key and choose your destination, then press the LEFT arrow key and choose your source. Press ENTER to copy the file or press STOP to cancel and return to the file library.

**[Delete]** Select delete, confirm the command and the file will be erased.

**[Rename]** Select rename and a virtual keyboard will appear. Type in the new name and confirm by clicking on OK to change the file name.

**[New Folder]** Select new folder and a virtual keyboard will appear. Type in the folder name and click OK to create a new folder.

**[Properties]** Select properties to show detailed information about the file.

## SETUP

To access the player's preferences and advanced settings, press the SETUP button after turning on AD6.

To reset all preferences, go to preferences, setup values and then click on default to reset it.

**[Photo Setup]** Settings for thumbnail preview, transition mode and display orientation.

**[Music Setup]** Settings for repeat mode.

**[Movie Setup]** Settings for repeat mode and thumbnail preview.

**[Slideshow Setup]** Settings for slideshow presentation with transition effects, interval timing and repeat mode. If Auto Start is turned ON, the playback will start automatically when the power is turned ON.

**[Preferences]** Settings for the menu language, video output and reset function for preferences. Note: Output Lock and File Copy settings are locked by default, to prevent turning it ON by accident. To enable those functions, press the FAST FORWARD key.

**[Advanced Setup]** Settings for scheduled playback and timer functions.



# Chapter 4 - Automated Playback

## Count Down Timer

Press the SETUP key, go to Advanced Setup and then select Count Down Timer. Choose one of the presets from 1-90 minutes, confirm the time and then exit the setup. The device will automatically turn off and remain OFF.

A timer will be displayed to count down the time until power off.

## Automatic Playback on Power ON

By default, when the device is turned on, you will be presented with the Home screen. Instead, you can have it play back all files stored on the media card automatically upon power on or play a slideshow presentation with background music.

**[Auto Playback]** Press the SETUP key, go to Slide Show Setup and then select Auto Start. Turn ON this function and the next time you turn on the power, all files stored on the media card will be listed alphabetically and start playback automatically.

**[Auto Slideshow]** Press the SETUP key, got to Advanced Setup and then select Auto Slideshow. Turn ON this function and the next time you turn on the power, a slideshow (JPG images) with background music (MP3) will start playback automatically.

## Scheduled Playback

For automated daily playback of advertisement or other content, a scheduled playback can be setup.

**[Auto ON/OFF]** Press the SETUP key, select Auto ON/OFF and turn it ON. Now press the Disp key to enter the timer setup. Enter the clock time using the virtual keyboard, then the shut down time and at the end the start up time.



AD6 will now turn off and on automatically at your preset time on a daily base. To turn if OFF, go to SETUP and Auto ON/OFF or change the time. For the playback mode on startup, see “Automatic Playback on Power ON”.

## Chapter 5 - Appendix

### FAQ

**Q: How do I display the file properties?**

**A:** Press the Disp button to see the file info and press it again to turn it off. For more details, enable the File Copy mode, go to the File Library, select a file then click Disp and choose Properties. Press ENTER to close the file info.

**Q: How do I access preferences when it's grayed out?**

**A:** Return to the Home screen, then press SETUP again and you will be able to access preferences.

**Q: The copy function doesn't work and it's locked, what do I do?**

**A:** To unlock the file copy mode, go to preferences and press the FAST FORWARD key. You can now turn it ON and then use the copy function in the file library.

**Q: Where do I set the clock time?**

**A:** Go to the SETUP menu and press the Disp key. Enter the time and confirm it. In the following screens, hit cancel unless you also want to setup the Auto ON/OFF function at the same time.

**Q: I pressed the OUTPUT key but it doesn't change the video signal!**

**A:** The video output has been locked. Unlock it first and then press the OUTPUT key again. To unlock, press the SETUP key, go to Preferences, press the FAST FORWARD key once and then select Output Lock. Turn it OFF and you can use the OUTPUT key to toggle between the different video outputs.

**Q: How do I upgrade the firmware?**

**A:** Download the latest firmware from our website and store the ROM file on a media card in the top directory. Then follow these instructions:

1. Turn off the device and remove all media cards.
2. Insert the media card with the new firmware.
3. Turn on the power and watch the screen.
4. It will read the new firmware and show Write/Erase during the process.
5. When the upgrade is finished, it will show Done and go blank.
6. Only now turn off the power and remove the media card.
7. Erase the firmware on your media card.
8. Turn the device back on; your new firmware is now ready to use.

**Q: My screen is blank and pressing OUTPUT doesn't change anything!**

**A:** The OUTPUT key is locked. Unlock it first and then press the key again until you find the right video signal. Follow these instructions to unlock it:

1. Remove all media cards and turn off the power
2. Turn on the power and wait for AD6 to boot up (you can hear a ping)
3. Press the SETUP key
4. Press the DOWN key 4 times and hit ENTER
5. Press the UP key twice
6. Press the RIGHT arrow key once and hit ENTER
7. Press SETUP and now use OUTPUT again to change the video signal

## About this Manual

This manual covers all versions and combinations for the AD6 media adapter. Images, descriptions and firmware functions may slightly vary between this manual and the actual product you have.

Visit our website at [www.macpower.com.tw](http://www.macpower.com.tw) for the latest upgrades and download this manual in PDF format.

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