User Manual

Table of Contents

Mini DisplayPort + USB Audio to HDMI Adapter

DEAR CUSTOMER
Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

As we know, Mini DisplayPort of MacBook can only transmit video signal but no audio. However, this unique designed Adapter solved this trouble for users. It integrates Mini DisplayPort video signal and audio signal from USB port into HDMI output. It allows users to enjoy perfect image and sound on HDTV.

This Adapter can work without external power adapter for the USB cable can get enough power from the MacBook. Putting USB cable and Miini DisplayPort cable closely together allows users easy access to plug both cable in the MacBook.

1.1FEATURES

l   Supports Mini DisplayPort 1.1a input, USB 2.0 input and HDMI output.
l   Works by integrating mini DisplayPort video source and USB audio source of the MacBook into HDMI output
l   Getting the HDMI audio format through special USB Audio Decoding Chip.
l   Powered from Mini DisplayPort and USB Port.
l   Supports HDMI 225MHz/2.25Gbps per channel (6.75 Gbps all channel) bandwidth.
l   Supports HDMI resolution of up to 1080p
l   Supports HDMI 12 bit per channel (36 bit all channel) deep color.
l   Supports uncompressed 2 channel audio such as LPCM.

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	Mini DisplayPort
Input Audio Signal	2CH LPCM
Output Video	HDMI
Input/Output Connector	Input: Mini DisplayPort Male 20pin USB 2.0 A type Male Output: HDMI Female Type A 19pin
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.25Gbps/225MHz

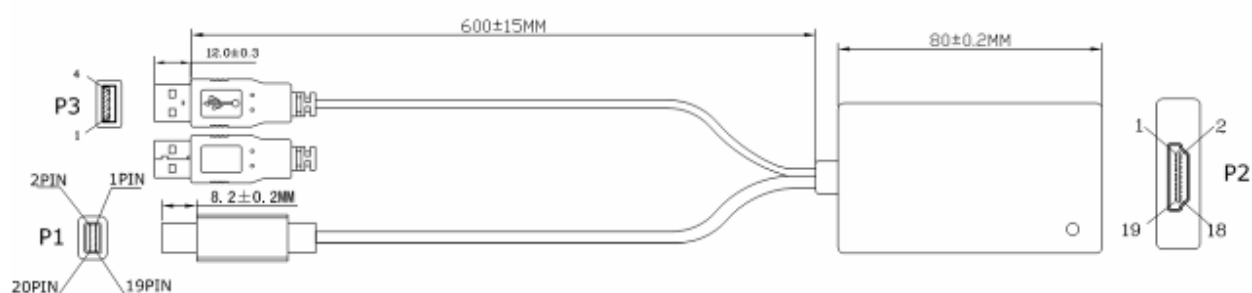| Resolutions(HDTV)	480p,720p, 1080i, 1080p
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 ℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	No external power needed
Power consumption (Max)	2W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
User Manual	English version

Note: Specifications are subject to change without notice.

3.0 Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

l   Main unit
l   User's Manual

4.0 PANEL DESCRIPTIONS

5.0 CONNECTION AND OPERATION

5.1 CONNECTION
1)   Connect the HDMI output of this Adapter to HD display using HDMI M/M cable.

2) Plug the Mini DisplayPort cable of this Adapter into MacBook.
3) Plug the USB cable of this Adapter into MacBook
Attention: Insert / Extract cable gently. For better compatibility, please implement the third process at your final step.

5.1.1 CONNECTION DIAGRAM

5.2 OPERATION

1）System Preferences Setting

Click "System Preferences" and the following screen will appear on your MacBook
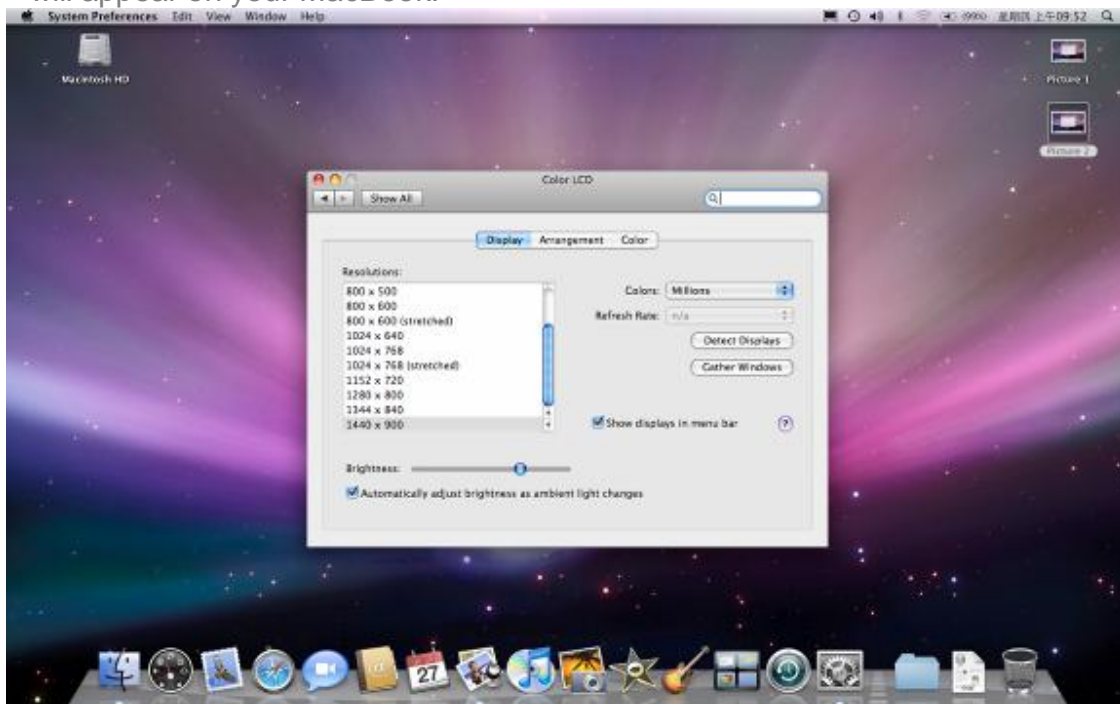

2）Audio Setting

A, Click "Sound" on the dialog box of "System Preferences", the following screen will appear on your MacBook.

B, Click "USB Sound Device "on the dialog box of "Sound", then the Adapter can get sound from the USB port.
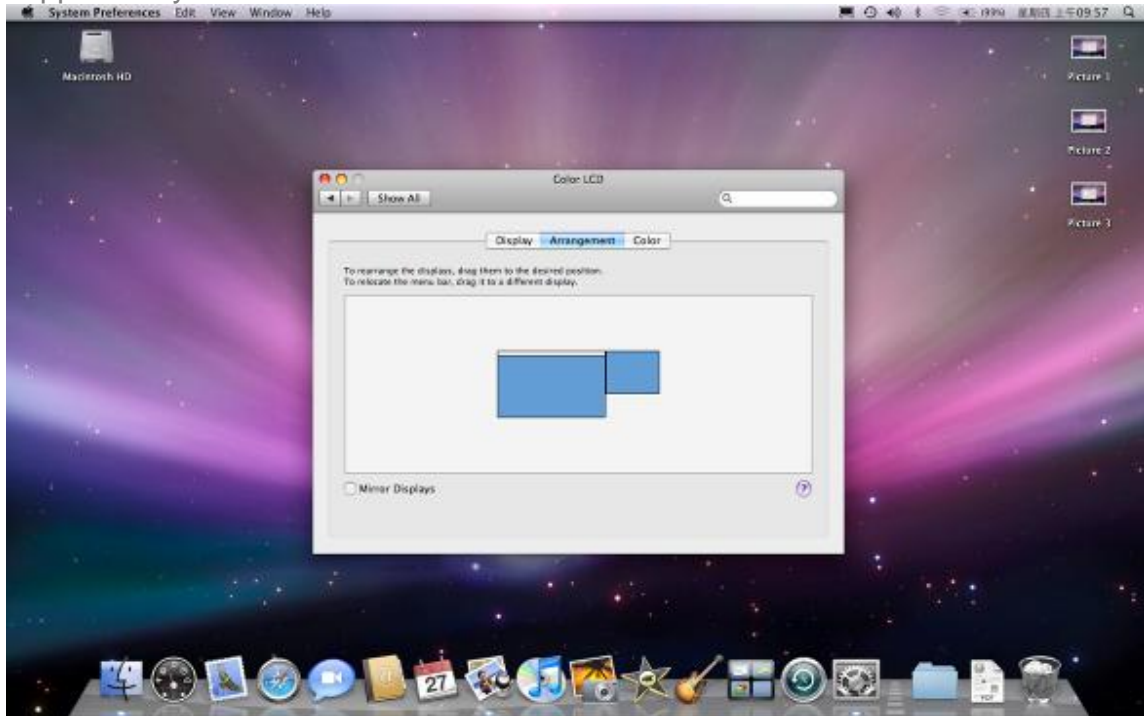
3）Image Setting

Click "Displays" on the dialog box of "System Preferences", the following screen will appear on your MacBook.
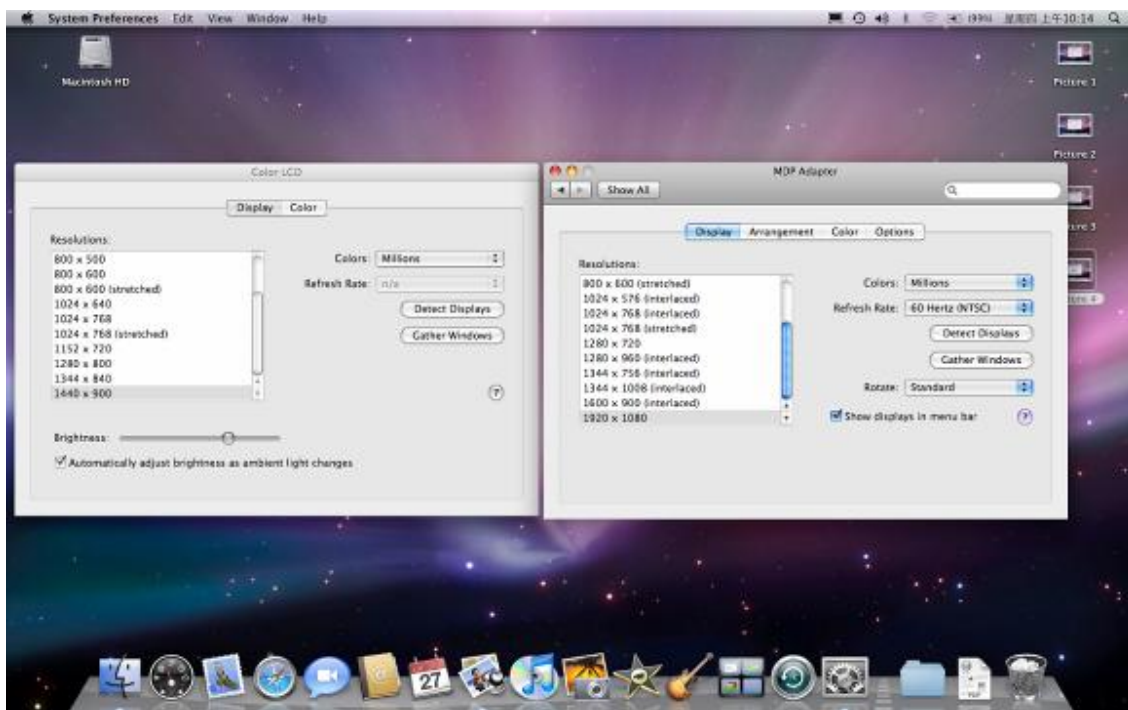

A. Mirror Displays Setting

Click "Arrangement" on the dialog box of "Color LCD", the following screen will

appear on your MacBook.

Then, tick off "Mirror Display", the following screen will appear on your MacBook

At last, you can get the same image on your MacBook and HDTV.

3）Resolution Setting

Select your preference resolution on the dialog box of "MDP Adapter" and finish all the setting steps.

Select your preference resolution on the dialog box of "MDP Adapter" and finish all
 the setting steps.