

# User Manual

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# Mini DisplayPort to DVI 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

The Mini DisplayPort to DVI Adapter seamlessly connect next generation DisplayPort based MacBook, MacBook Pro, or MacBook Air with a Mini DisplayPort to conventional DVI displays, such as CRT, LCD monitors and projectors. Mini DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. It not only has an elegant appearance with the white color but also brings much convenience with its small size.

It offers solutions for digital entertainment center, projector factory, noisy space and security concerns, conference room presentation, school and corporate training environments.

## 1.1 FEATURES

- Support Mini DisplayPort 1.1 input and DVI output.
- Support DVI highest video resolution 1080p.
- Support DVI 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Support DVI 12bit per channel (36bit all channel) deep color.
- Powered from Mini DisplayPort source.

## 2.0 SPECIFICATIONS

|                             |   |
|-----------------------------|---|
| <b>Signal Inputs/Output</b> |   |
| Input Video Signal          | 5 Volts p-p (TTL)   |
| Maximum Single Link Range   | 1920x1080P  |
| Output Video                | DVI   |
| Input/Output Connector      | Input: Mini DisplayPort Male 20pin<br>Output: DVI Female (24+5) |
| <b>Operating Frequency</b>  |   |
| Vertical Frequency Range    | 50/60Hz   |
| Video Amplifier Bandwidth   | 2.25Gbps/225MHz   |
| <b>Resolutions(HDTV)</b>    |   |
| Interlaced(50&60Hz)         | 480i,576i,1080i   |
| Progressive(50&60Hz)        | 480p,576p,720p,1080p  |
| <b>Warranty</b>             |   |
| Limited Warranty            | 1 Year Parts and Labor  |
| <b>Environmental</b>        |   |

|                             |                                  |
|-----------------------------|----------------------------------|
| Operating Temperature       | 0 °C to +70°C                    |
| Operating Humidity          | 10% to 85 % RH (no condensation) |
| Storage Temperature         | -10°C to +80°C                   |
| Storage Humidity            | 5% to 90 % RH (no condensation)  |
| <b>Power Requirement</b>    |                                  |
| External Power Supply       | No external power needed         |
| Power consumption (Max)     | 3W                               |
| <b>Regulatory Approvals</b> |                                  |
| Converter Unit              | FCC,CE,UL                        |
| Power Supply                | UL,CE,FCC                        |
| <b>Accessories Adapter</b>  |                                  |
| User Manual                 |                                  |

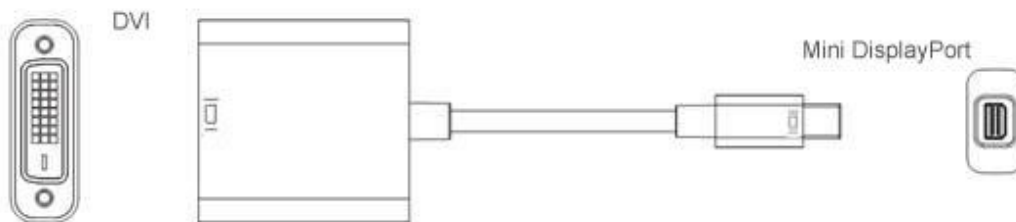
**Note:** Specifications are subject to change without notice.

### 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:

- Main unit
- User's Manual

### 4.0 PANEL DESCRIPTIONS



### 5.0 CONNECTION AND OPERATION

- 1) Connect the Mini DisplayPort male to Mini DisplayPort source device.
- 2) Connect the DVI female to display by DVI M/M cable.

**Attention:** Insert / Extract cable gently.

#### 5.1 CONNECTION DIAGRAM



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