

User Manual

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DisplayPort 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

This is a DisplayPort to HDMI Cable Adapter for interfacing next generation DisplayPort based PC and notebook computers with high definition displays. DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to DisplayPort, the converter facilitates the transition by offering seamless connectivity between new DisplayPort PC and the installed base HDMI monitors and projectors.

It offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

- Support DisplayPort 1.1a input and HDMI output.
- Support HDMI highest video resolution 1080p.
- Support HDMI 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Support HDMI 12bit per channel (36bit all channel) deep color.
- Supports uncompressed audio such as LPCM.
- Powered from DisplayPort source

2.0 SPECIFICATIONS

| | |
|-----------------------------|---|
| Signal Inputs/Output | |
| Input Video Signal | 5 Volts p-p (TTL) |
| Maximum Single Link Range | 1920x1080P |
| Output Video | HDMI |
| Input/Output Connector | Input: DisplayPort Male 20pin Output: HDMI Female Type A 19pin |
| Operating Frequency | |
| Vertical Frequency Range | 50/60Hz |
| Video Amplifier Bandwidth | 2.25Gbps/225MHz |
| Resolutions(HDTV) | |
| Interlaced(50&60Hz) | 480i,576i,1080i |
| Progressive(50&60Hz) | 480p,576p,720p,1080p |
| Warranty | |

| | |
|-----------------------------|----------------------------------|
| Limited Warranty | 1 Year Parts and Labor |
| Environmental | |
| 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) |
| Power Requirement | |
| External Power Supply | No external power needed |
| Power consumption (Max) | 3W |
| Regulatory Approvals | |
| Converter Unit | FCC,CE,UL |
| Power Supply | UL,CE,FCC |
| Accessories Adapter | |
| User Manual | |

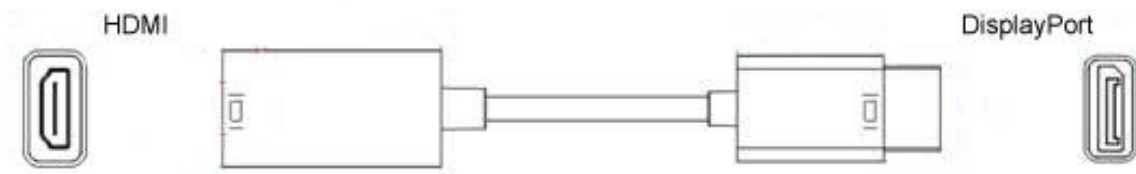
Note: Specifications are subject to change without notice.

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 DisplayPort male to DisplayPort source device.
- 2) Connect the HDMI female to display by HDMI M/M cable.
If you use DisplayPort F/F coupler, please use special DisplayPort cable with 20th pin connected

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM



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