



HDMI to HDMI Scaler Box



Operation Manual

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1. INTRODUCTION

This Scaler Box is designed to display your HD images on a HDTV. It can upscale HDMI input sources to HDMI output for a wide-range of HD resolutions; the resolution supported include XGA/UXGA/720p/1080p/1366 x 768/1440 x 900/1400 x 1050. This unit provides you with a variety of output resolutions in order to give you the best picture quality. Move over, with a built-in hot-key OSD this Scaler helps users to view and select the desired resolution instantly.

2. APPLICATIONS

- PC timing converted into HD timing
- HD timing converted into PC timing

3. PACKAGE CONTENTS

- HDMI to HDMI scaler box
- 5V DC power adaptor
- Operation Manual

4. SYSTEM REQUIREMENTS

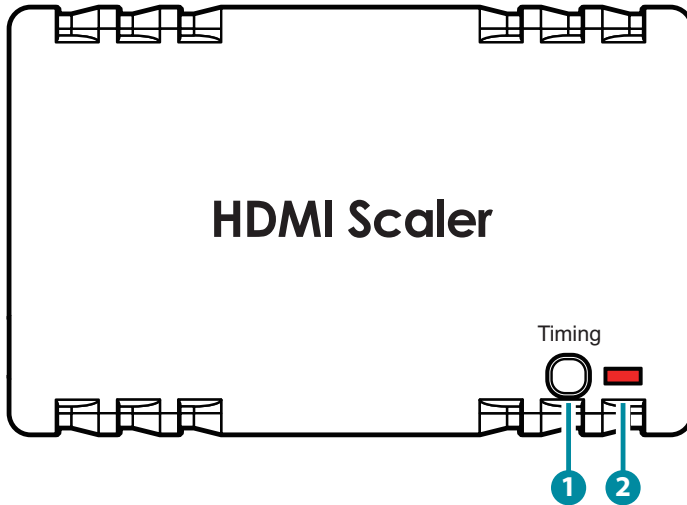
Input source equipment and an output HD display with HDMI connection cables.

5. FEATURES

- Output supports HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant
- HDCP compliant
- Input supports HDMI v1.3 8 bit
- Supports HD resolution input: VGA~WSXGA, WUXGA@60 (Reduce Blanking)/ 1366X768/1440X900/1400X1050/480p@60, 720p@60, 1080p@60
- Fast switch hot key from 720p to 1080p/1280 x 800/1366 x 768/1920 x 1200(RB)
- Auto –Detection and Hot plug
- Interlaced progressive conversion with various picture display

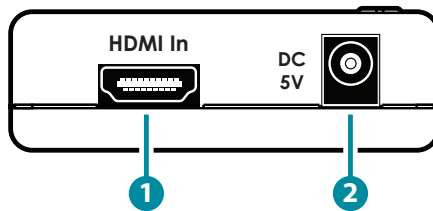
6. OPERATION CONTROLS AND FUNCTIONS

6.1 Top Panel



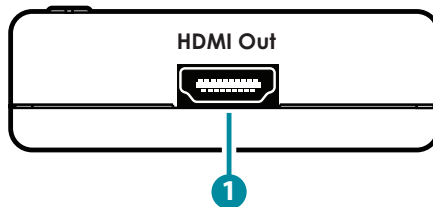
- 1 Timing button:** Press this button once to show both the input and output displays resolution and while the OSD is still on press it again to select the output resolution from 720p to 1080p/1280 x 800/1366 x 768/1920 x1200(RB).
- 2 Power LED:** This LED will turn on when power is connected.

6.2 Left Panel



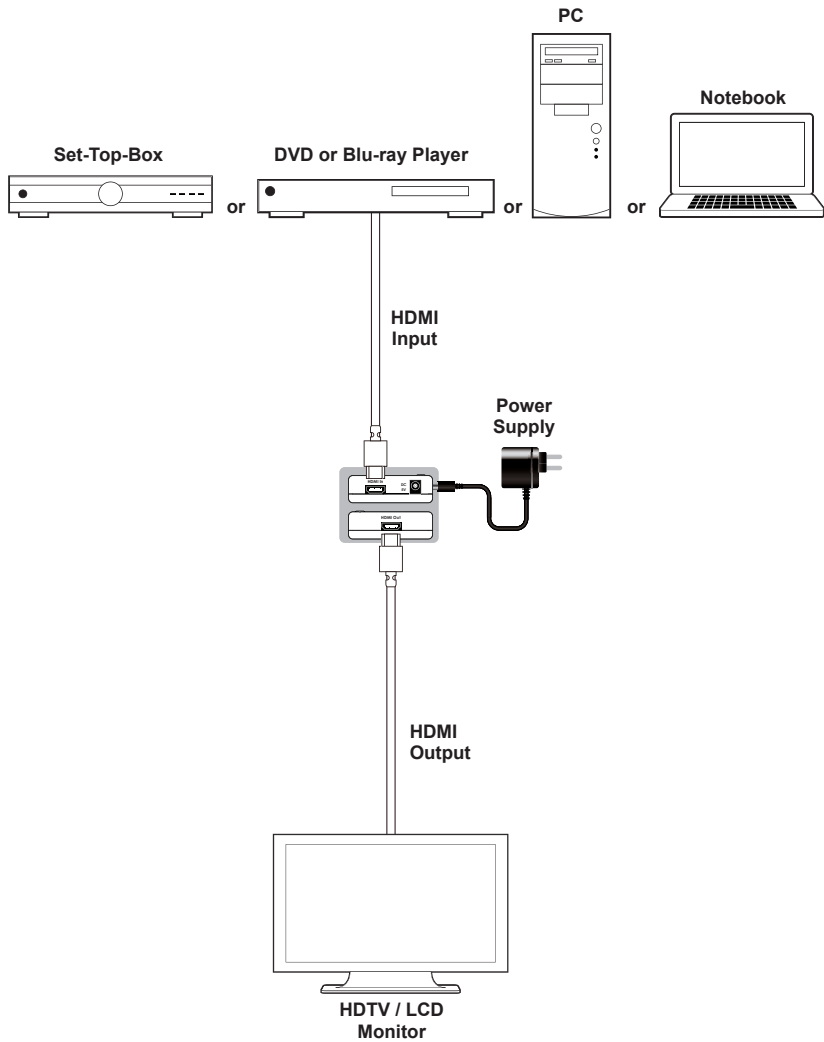
- ❶ **HDMI IN:** This slot is where you plug in your input source device with an HDMI cable in order for your source to send a signal.
- ❷ **DC 5V:** This slot is where you plug the 5V DC power supply into the unit and connect the adaptor to an AC outlet.

6.3 Right Panel



- ❶ **OUTPUT:** This slot is where you connect an HDTV display with a HDMI cable for displaying your sources content.

7. CONNECTION DIAGRAM



8. SPECIFICATIONS

8.1 Technical Specifications

TMDS Clock Frequency	225MHz
Input port	1 x HDMI
Output port	1 x HDMI
HDMI Cable In*	1080p-8bits (6M)
HDMI Cable Out*	1080p-8bits (6M)
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	114 (W) x 65 (D) x 26 (H)
Weight(g)	78
Chassis Material	Plastic
Silkscreen Color	White
Power Consumption	2.7W
Operating Temperature	0°C~40°C / 32°F~104°F
Storage Temperature	-20°C~60°C / -4°F~140°F
Relative Humidity	20~90% RH (non-condensing)