



CS-803MDP

Mini-DisplayPort to HDMI Scaler



Operation Manual

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

REVISION HISTORY

VERSION NO.	DATE (DD/MM/YY)	SUMMARY OF CHANGE
RDV1	08/11/12	Preliminary release
VS1	28/06/16	Updated text/diagrams



CONTENTS

1. Introduction	1
2. Applications	1
3. Package Contents	1
4. System Requirements	1
5. Features	1
6. Operation Controls and Functions	2
6.1 Front Panel	2
6.2 Rear Panel.....	3
6.3 OSD Menu	4
7. Connection Diagram	5
8. Specifications	6
9. Acronyms	6





1. INTRODUCTION

The Mini-DisplayPort to HDMI scaler allows you to display the output of any standard DisplayPort 1.1 source (such as Mac laptops) on HDMI TVs or monitors. This unit also supports converting DisplayPort audio (up to LPCM 2.0) to HDMI audio. Perfect for use in boardrooms or for individuals and professionals at home or in the office who need increased compatibility between their equipment.

2. APPLICATIONS

- Boardrooms or classrooms with HDMI-only displays
- Connecting DisplayPort sources to easier to find and less expensive HDMI display devices

3. PACKAGE CONTENTS

- 1×Mini-DisplayPort to HDMI Scaler
- 1×5V/2.6A Power Adaptor
- 1×Operation Manual

4. SYSTEM REQUIREMENTS

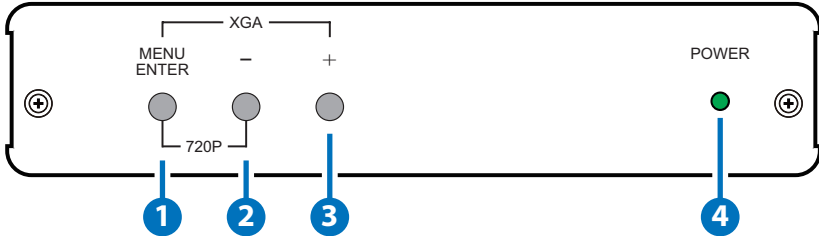
- DisplayPort source equipment such as Mac laptops or PCs with DisplayPort output cards.
- HDMI receiving equipment such as HDTVs, monitors or audio amplifiers.

5. FEATURES

- DisplayPort signal conversion and scaling to HDMI output
- Supports DisplayPort 1.1 signals up to 2560×1600@60Hz
- Quick keys switch to 720p or XGA resolution
- OSD control
- Audio output supports up to LPCM 2.0@48kHz
- Output audio mute functionality

6. OPERATION CONTROLS AND FUNCTIONS

6.1 Front Panel



1 MENU/ENTER

Press to enter the OSD menu, or to confirm selections within the OSD.

Note: Press the ENTER and "-" buttons together to switch the output resolution to 720p60. Press the ENTER and "+" buttons together to switch the output resolution to XGA.

2 MINUS (-)

- a. Press this button to move down within the OSD menu.
- b. When not in the OSD menu, press this button to display information about the current input and output signals.

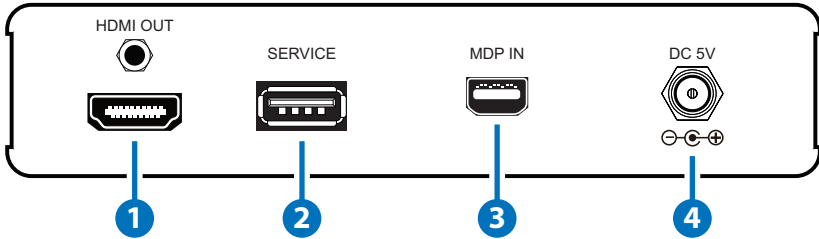
3 PLUS (+)

- a. Press this button to move up within the OSD menu.
- b. When not in the OSD menu, press this button to mute/un-mute the audio output.

4 POWER

The LED will illuminate GREEN to indicate the unit is on and receiving power.

6.2 Rear Panel



1 HDMI OUT

Connect to HDMI TVs, monitors or amplifiers for digital video and audio output.

2 SERVICE

This slot is reserved for firmware update use only.

3 MDP IN

Connect to DisplayPort source equipment such as Mac laptops or PCs with DisplayPort output cards using a DisplayPort to Mini-DisplayPort adapter cable if necessary.

Note: Audio support depends on source device compliance. If there is no audio after changing the input source's output resolution please remove and re-connect the Mini-DisplayPort cable to force an audio support compliance renegotiation.

4 DC 5V

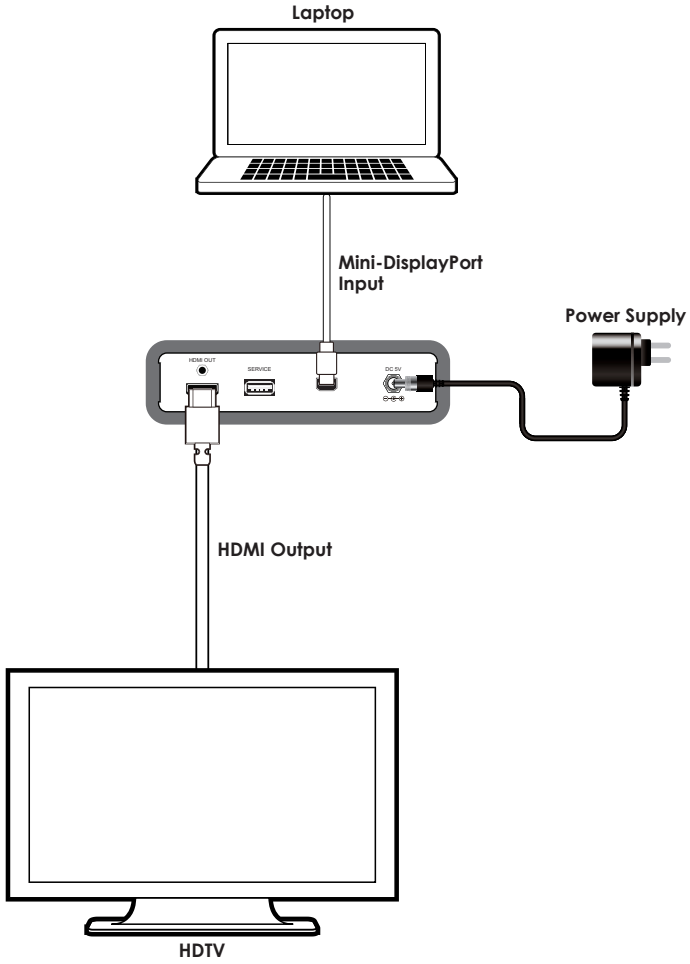
Plug the 5V DC power adapter into the unit and connect it to an AC wall outlet for power.

6.3 OSD Menu

MAIN MENU	SUB MENU
Output Resolution	720×480P
	1280×720P
	1920×1080P
	640×480
	800×600
	1024×768
	1280×1024
	1600×1200
	1920×1200
	By Native
Info. OSD Mode	Exit
	Off
	On
Audio Mute	Exit
	-
About CS-803MDP	FW Ver.
Factory Reset	System Reset (720p60/Un-mute)
Exit	-

Note: When the output timing is set to "By Native", but the detected timing does not match a supported resolution, the output will be set to 1280×720p60 automatically.

7. CONNECTION DIAGRAM



8. SPECIFICATIONS

Input Ports	1×Mini-DisplayPort, 1×USB Service
Output Port	1×HDMI
Mini-DisplayPort Video Bandwidth	2.7Gbps & 1.62Gbps/Lane
Mini-DisplayPort Input Resolutions	VGA (640×480)~WQXGA (2560×1600)
Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
ESD Protection	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)
Dimensions	145 mm (W)×124 mm (D)×30 mm (H)
Weight	332 g
Chassis Material	Aluminum
Color	Black
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)
Power Consumption	6.6 W

9. ACRONYMS

ACRONYM	COMPLETE TERM
DP	DisplayPort
HDMI	High-Definition Multimedia Interface
MDP	Mini-DisplayPort



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