INSTRUCTION MANUAL

SB-6225

HDMI Amplifier Repeater Extender



SHINYBOW™USA

MULTIMEDIA AUDIO AND VISUAL

SAFETY INFORMATION

1. To ensure the best results from this product, please read this manual and all other documentation before operating your equipment. Retain all documentation for future reference.
2. Follow all instructions printed on unit chassis for proper operation.
3. To reduce the risk of fire, do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
4. Make sure power outlets conform to the power requirements listed on the back of the unit. Keep unit protected from rain, water and excessive moisture.
5. Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Dust with a clean dry cloth.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Do not force switched or external connections in any way. They should all connect easily, without needing to be forced.
8. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
9. AC voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
10. Turn power off and disconnect unit from AC current before making connections.
11. Never hold a power switch in the “ON” position.
12. This unit should be installed in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically “blown free” of foreign dust and matter.
14. To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. There are no user serviceable parts inside.
15. When moving the unit, disconnect input ports first, then remove the power cable; finally, disconnect the interconnecting cables to other devices.
16. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
17. The equipment power cord should be unplugged from the outlet when left unused for a long period of time.
18. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
19. Service Information Equipment should be serviced by qualifier service personnel when:
    A. The power supply cord or the plug has been damaged.
    B. Objects have fallen, or liquid has been spilled into the equipment.
    C. The equipment has been exposed to rain
    D. The equipment does not appear to operate normally, or exhibits a marked change in performance
    E. The equipment has been dropped, or the enclosure damaged.

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HDMI HIGH QUALITY EXTENDER Series

Thank you for purchasing the SB-6225 HDMI To HDMI Extender you will find this unit easy to install and highly reliable but it is essential that you read this manual throughly before attempting to use Extender.

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INTRODUCTION

Congratulations on your purchase of one of the most innovative HDMI (Digital Video and Digital Audio) Signals Extender on the market today. SB-6225 uses HDMI inputs to HDMI outputs to extend to HDMI displays via HDMI female connector. This product provide Higher HD Resolution quality that are identical to the source HD quality HDMI signals extends to the HDMI display via extend distance about 10M~50M depend on the HDMI cable quality between HDMI source and display. Support with HDCP compliant.

PACKAGE CONTENTS

Check that you have the following components;

- SB-6225
- Users Guide
- AC/DC Adapter: 12VDC@300~1000 mA

Input : HDMI (HDMI Female Connector)
Output: HDMI (HDMI Female Connector)

Power Input : +DC 12V , 300~1000mA

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.

DISCLAIMERS

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FEATURES & SPECIFICATIONS

FEATURES

- HDMI signal Digital Video TMDS /Audio 30M Extedner
- HDMI digital Video/Audio and DVI format and HDCP compliant
- Support link speeds of up to 3.4 Gbps
- Support Digital RGB 36bits HDMI TMDS format deep color
- Extension with high quality video 1920x1200 for 1080p-60
- Support HD High Definition resolution 408p, 720p 1080i/1080p
- Support High quality Digital Audio format with DTS-HD Master Audio, Dolby True-HD & Dolby
- Long distance 30M~70M extend between Blu-Ray HDMI player and HDMI display. Distance depend on the HDMI cable quality.
- Easy to install without any adjustment
- Mounting easy for Wall mountable
- Power 12VDC input with Low power consumes or No extra power supply available

SPECIFICATIONS

- **Type of Extender:** HDMI signal for distance 30M Extender
- **Input Video Signals:** Digital Video (TMDS) 0. 5~ 1.0vPP, DDC 5Vpp
- **Signal Supports:** HDMI Standard, DVI and HDCP Compliant
- **Video Support:**
  - 1080p HDMI format and DVI 1920x1200 resolution
  - Digital RGB 36bits HDMI TMDS format deep color
- **Audio Supports:** DTS-HD Master Audio, Dolby True-HD & Dolby, Digital Plus
- **Support HD resolution:** 408p, 720p 1080i /1080p
- **Extend distance:** Totally 30M~70M Distance depend on HDMI cable quality
- **Safety Approvals:** CE, FCC, RoHS (2002/ 95/ EC)
- **Dimensions (LxWxH):** 2.3 x 1.7 x 1 in (80x40x25mm)
- **Shipping Weight :** 0.45 kgs / 1.01 lb
- **Power Supply:** Universal switch power supply +12VDC / 0.3mA~ 1000mA

As product improvements are continuous, specifications are subject to change and without notice.

TYPICAL HOOKUP AND OPERATION

SB-6225



Front: Input : HDMI via HDMI female connector

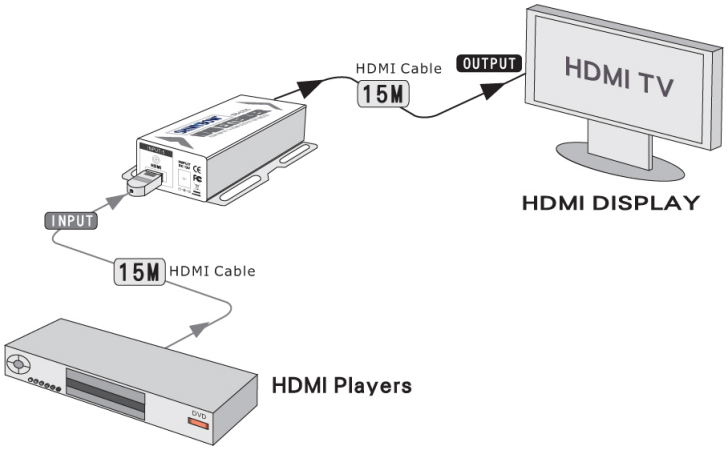
Rear: DC input : 12V, @300~1000VDC

Safeguards and Precautions

A. Keep this unit away from fire, extremely hot areas, water or moisture of any kind.
B. Do not place this unit on any support that is not firm, level and strong.
C. Do not service the unit yourself. Opening the unit's housing will void the warranty.
D. Servicing must be by Shinybow or by an authorized technician.
C. Illegal duplication of copyrighted material is strictly prohibited by Federal Laws.

HDMI EXTENDER

Inputs : 1x HDMI (Digital Video-TMDS, Digital Audio) with HDCP
Outputs : 1x HDMI (Digital Video-TMDS, Digital Audio) with HDCP



The SB-6225 is a transmission of HDMI over CAT5/6 category cable wires for 30M length which supports HDMI 480i/p, 576i/p, 720p (50/60Hz), 1080i and 1080p(50/60Hz). The best install between the HD DVD player and HDMI Display monitor with 15M HDMI cable each.

LIMITED WARRANTY

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