SHINYBOW™

SB-5604
4x1 HDMI Routing Switcher

Input : 4x HDMI
Output : 1x HDMI
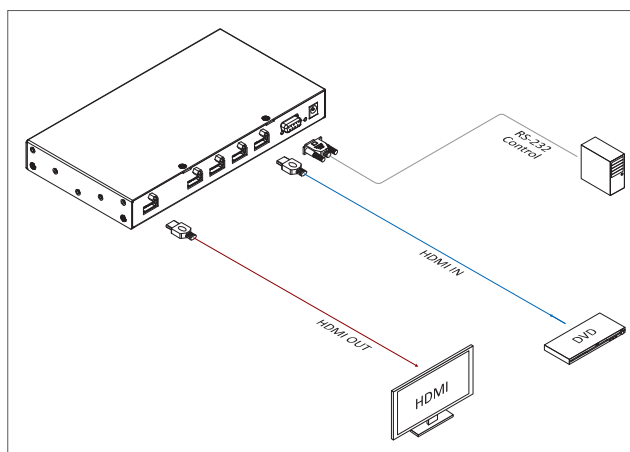
HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

SWITCHER

INTRODUCTION

The SB-5604 is a competitive, high performance switcher designed for HDMI™ signal, support Digital Video TMDS format and Digital Audio via HDMI™ connectors. Providing 4 inputs and 1 output. The Switcher support data rate up to 2.25 Gbps. Also control any inputs to output via press the selection buttons on the front panel. Control by selection buttons on the front panel, IR Remote controller and RS-232 via a PC. This product is certified and fully HDMI™ and HDCP compliant. The product approved the CE, FCC compliants. Support high resolution 1080p quality HDMI™ sources to a HDMI™ display, monitor or projector.

DIAGRAM TYPICAL

FEATURES

01. Support HDMI 4xInputs to 1xOutput Switcher
02. Input: 4x HDMI (with HDCP) via 4x HDMI connector
03. Output: 1x HDMI (with HDCP) via 1x HDMI connectors
04. Support HDMI Max Data Rates – 2.25Gbps
05. HDTV Compatible and HDCP compliant
06. Control by press buttons on the front panel
07. RS-232 serial port interface on the rear panel
08. IR transceiver on the front panel and IR External device connection
09. Input status with LED display

SPECIFICATIONS

Type of Switcher	4x1 HDMI Switcher
Type of Signal	TMDS Digital Video PCM Digital Audio
Compliant with HDMI standard	HDMI and HDCP
HDTV Support	1080p HDMI formats and UXGA 1600x1200
Data Rates	50Mbps to 2.25 Gbps
Pixel clocks	25MHz to 225 MHz
HDMI Cable Distance	15 meters at 2.25Gbps
Infrared frequency	38KHz
Control	RS-232, IR, Select buttons (on the front panel)
Safety Approvals	CE, FCC, REACH, Erp, WEEE
Dimension (WxDxH)	8.26" x 4.44" x 1.06" (210mm x 113mm x 27mm)
Weight	0.7 kg / 1.54 lb
Power Supply	DC 12V, @0.5A (World Wide Universal AC 100~240V 50/60Hz)