



USER MANUAL

HDMI SWITCH SPLITTER

4 IN → 2 OUT

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HDMI SWITCH SPLITTER

Model No. **G&BL 6236**

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

G&BL6236 Matrix routes high definition video in multiple resolutions up to 1080p plus multichannel digital audio from any of the four HDMI sources to two displays. Two outputs give you the choices of sending high definition audio and video signals up to two displays. Any four to any two matrix switching allows for maximum versatility for integrated systems. The 4x2 HDMI Switcher eliminates the need to disconnect and reconnect sources to a display equipped with one input. It works with HD-DVD players, Blue Ray DVD, PS3, and satellite set top boxes that connect to two HDMI displays. Every source is accessible at all times by any display by selecting it with an IR remote.

1.1 LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. G&BL A.V.M. Engineering SpA cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

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1.2 FEATURES

The series of the HDMI Amplifier Splitter have many features that enable them to perform in a superior manner. Among those features you will find:

- Switch easily between any four HDMI sources
- Distributes any of the four inputs to any or any combination of the two HDMI output displays
- Maintains high resolution video-beautiful, sharp HDTV resolutions up to 1080p

- Discrete IR remote (included)
- HDMI support 1.3b
- HDCP support 1.0/1.1

2.0 SPECIFICATIONS

Signal Inputs/Output	
HDMI Connector	type A 19 pin female
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1080p
Operating Frequency	
Video Amplifier Bandwidth	2.25Gbps/225MHz
Frequency	Up to225MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(H-W-D)	110mmW x 25mmH x 260mmD
Weight(Net)	0.854KGs
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	5V DC@2A
Power Consumption	10 watts (max)
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
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:

- 1) Main unit.
- 2) 5V DC Power Supply.
- 3) User's Manual.

4.0 PANEL DESCRIPTIONS



5.0 CONNECT AND OPERATE

- 1) Connect the HDMI input source into matrix device (Input cables are optional)
*please refer to connection diagram section.
- 2) Insert the DC side of 5v power supply into matrix device and then connect the AC side of the power supply into the wall outlet.

For this product, there are different operation for your choice

1) Press the button POWER on

Once the power button is pressed, the two outputs will select the two inputs sources on the sequence. (source is in working situation),

2) Mechanical switching.

The button SwitchA can select four sources to display on the OutputA device circularly;

The button SwitchB can select four sources to display on the OutputB device circularly.

3) Remote control

The Power button on the remote control can control this product cod. 6236

The two OFF buttons can control the output A、 B. separately , in order to not keep outputA/B 's device working

The button 1、 2、 3、 4 can select source devices freely.

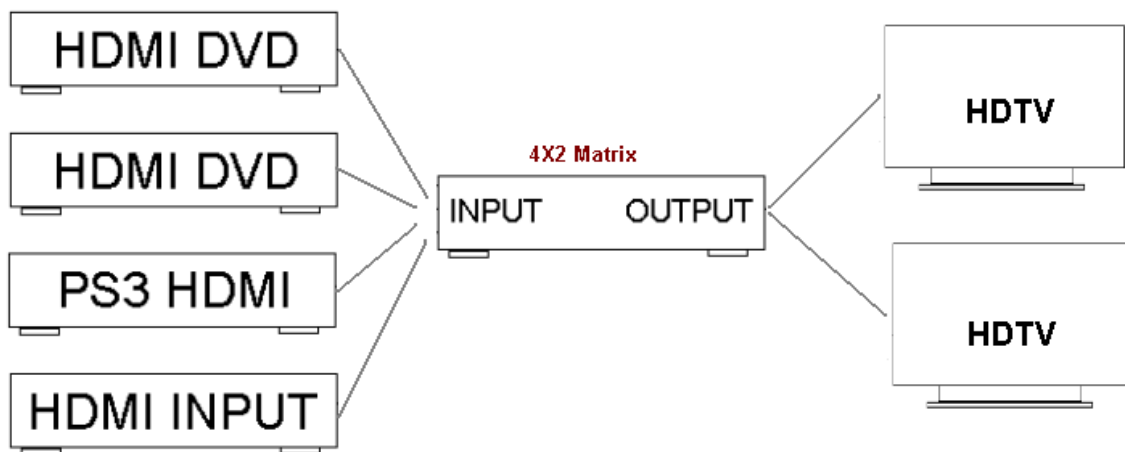
Two buttons:QUERY will tell you intelligently which source device is chosen by the OutputA and OutputB. When you press the button:QUERY, the led of the corresponding device will twinkle half seconds.

LED indication function:

when any input source device works or any output sink devices works (which is connected to device), the color of LED relative to the device will be red. When the users select one of the input resource output to the display devices ,the color of LED for this input interface is blue .

Attention: Insert / Extract cable gently.

5.1 CONECTION DIAGRAM



Notice

G&BL A.V.M. Engineering SpA reserves the right to make changes in the hardware,

packaging and any accompanying documentation without prior written notice.