DVI-GS3-2

1080p on DVI monitor

User's Guide

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Table of Contents

Getting Started 3

Key Features 4

Minimum System Requirements 4

Panel Description 5

DVI-GS3-2 5

Installation and Operation 7

Scenario 1: First Time Installation 7

Scenario 2: Move from LCD TV (HDMI Interface) to DVI Monitor 8

Scenario 3: Move from TV (AV Interface) to DVI Monitor 9

Step 1: Game Console Setup 9

Step 2: Switch Basic Operation 11

Specifications 12

Getting Started

DVI-GS3-2 GameSwitch allows you play over a DVI monitor in High-Definition resolutions of 720p / 1080p for ultimate HD multimedia experience. Now you can experience High Definition Gaming at maximum resolution. GameSwitch enables you to play console games on a regular DVI monitor. With only one monitor, DVI GameSwitch is perfect solution for watching high definition contents. Switching between two machines as easy as a click of a button. GameSwtich gives you ultimate visual experience on your DVI monitor.

Key Features

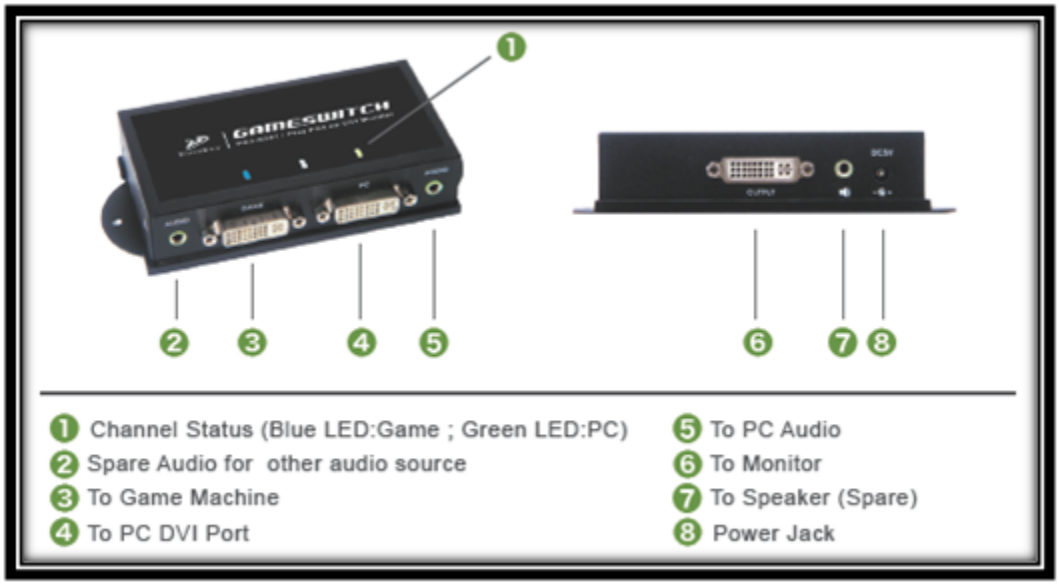
- Play latest consoles games on DVI monitor at high definition
- One monitor for two devices
- Minimal wiring required
- Simultaneous connection from two of the following;
    a. Game console
    b. PCs with graphic output
    c. DVD players with HDMI output
    d. Blue-Ray/HD-DVD player
    e. DV camcorder
- Easy screen switching via select button
- Plug & Play
- Supports HD resolution of up to 1080p
- Compliant with HDMI 1.2, HDCP, and DVI 1.0
- High quality audio to setero speaker or monitor with built-in speaker
- LED status to indicate the source displayed
- Equipped with magnetic pad and metal plate for easy installation

Minimum System Requirements

- Monitor with DVI input port
- Stereo Speaker
- If connection to DVD Player or other digital multimedia device is required, ensure that it has HDMI or DVI output.

Panel Description

DVI-GS3-2



Port 2 audio has higher priority than Port 3 audio source. Port 3 audio will override if Port 2 is plugged in. Similarly, Port 5 audio has higher priority than Port 4 audio source. Port 5 audio will override if Port 4 is plugged in.

2. Game Cable

1 To Game Port of GAMESWITCH
2 To HDMI Output of Game Machine
3 To AV Multi Port

3. Monitor Cable

1 To Output Port of GAMESWITCH
2 To DVI Monitor
3 Select Button
4 To Audio Port of DVI Monitor

4. USB Power Cable

5. DC5V, 2A Power Adaptor
(need to purchase separately)

Installation and Operation

GameSwitch can use one DVI monitor to display DVI based PC and HDMI based game console. You can change the display source manually or configure it Auto.

Scenario 1: First Time Installation

a. If booting up the game console for the first, it should start in default settings. However, if you have configured the game console previously, then ensure to reset the it to factory default settings. Follow Figure 1 to connect the system. PC and DVI monitor are connected with DVI cable provided with your monitor. Other cables needed are included in the device package.

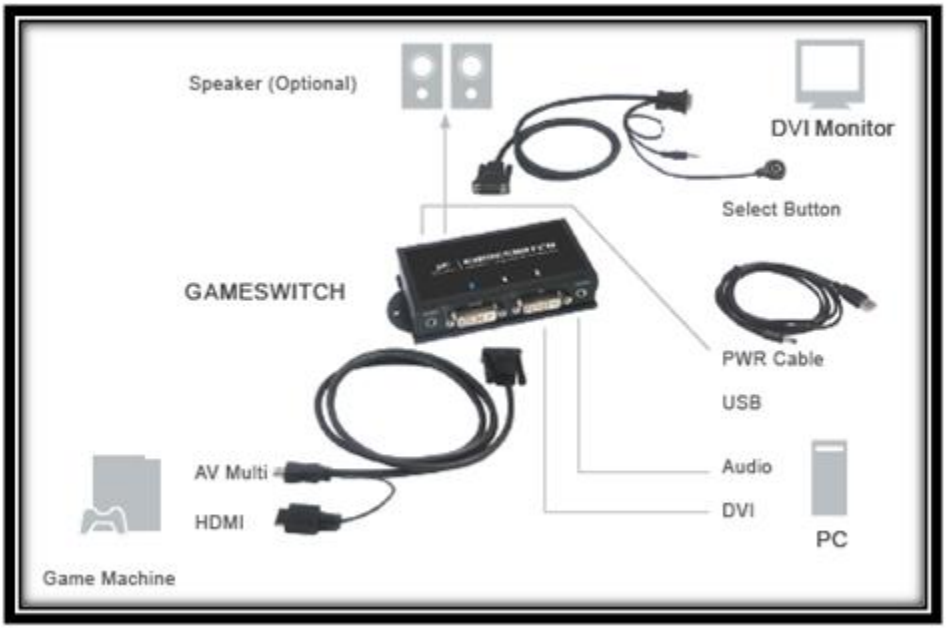


Figure 1: Connection Diagram of GameSwitch

b. Place the selected button under your DVI monitor. Use the button to switch channels between game console and PC.

> *During switching the display, there will be little waiting time due to re-initialization of HDCP.*

Figure 2: Place the Selected Button under DVI monitor

c. You may connect optional speaker to GameSwitch to have better audio effects.
d. Go to **Step 1** for further setup.

Scenario 2: Move from LCD TV (HDMI Interface) to DVI Monitor

a. Before moving the game console from LCD TV to DVI monitor, change the **Video Output Settings** (Figure 3)from game console and change the displayed resolution as 720p to make sure the image can be displayed on your DVI monitor (go to **Video Output Settings – HDMI – Manual – 720p**) or set "**Automatic"** mode.

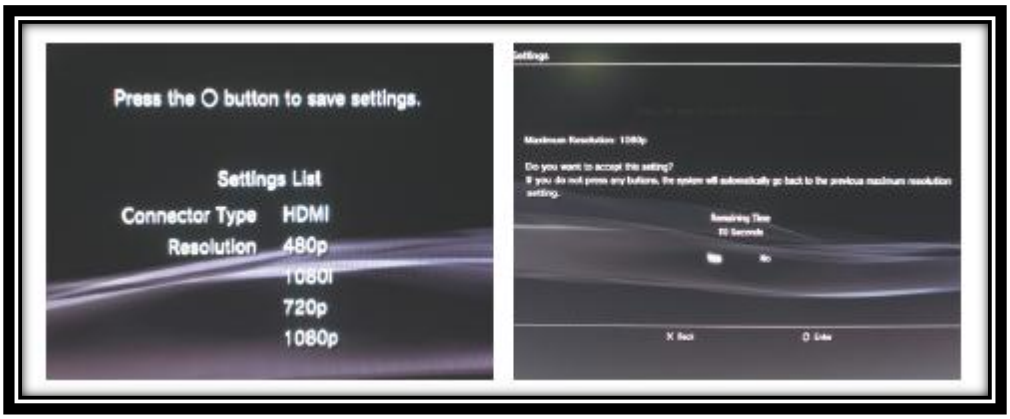


Figure 3: Options under Video Output Settings

b. Refer to Figure 1 to connect the system.
c. Refer to Figure 2 to place the selected button under your DVI monitor.
d. Go to **Step 1** for further setup.

Scenario 3: Move from TV (AV Interface) to DVI Monitor

a. Before connecting the game console to GameSwitch, reset the game console to default settings (Figure 4).

> *All settings (DVD, Music, Chat, System, Date and Time) will be set to Factory Default value when game console is reset.*

b. While game console is being set to *factory default*, DO NOT turn off the system. After restore is completed, press ☐ to restart, and you will see a screen as illustrated in Figure 5.

Figure 4: Restore Default Settings

c. You can now turn off your game console and move it to your DVI monitor.
d. Go to **Step 1** for further setup.

Step 1: Game Console Setup

a. Use the selected button to switch the displayed channel to GAME port (Blue lit on GameSwitch).
b. If you just finished restoring game console, a Welcome Message should appear to remind you to connect your controller using USB cable. Follow on-screen instructions to setup language, **set output video and audio using HDMI**.

c. **Display Settings:** To change display resolutions go to **Settings – Display Settings – Video Output Settings – HDMI.** Select the maximum supported resolution by your DVI monitor.

Figure 6: A 17" DVI monitor displaying at 1080p resolution (1920x1080@60Hz)

d. **Sound Settings:** To change audio settings, go to **Settings – Sound Settings – Audio Output Settings**, and then change the setup as "**Audio Input Connector or AV MULTI"**.

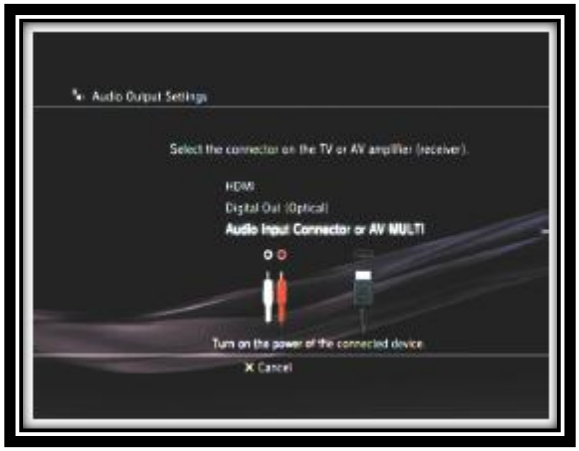


Figure 7: Sound Settings

e. Now you are ready to play your Game Console on DVI monitor.

Step 2: Switch Basic Operation

a. **Auto Switching**: GameSwitch will switch to the first device activated. If you turn off one of the displayed sources, it will automatically switch to the other active channel.

b. **Optional Power Adapter**: If your PC doesn't have USB port or the USB power is not sufficient for GameSwitch, you may use optional DC 5V, 2A power adapter with USB type A output port.

Figure 8: Optional Power Adapter

General Troubleshooting	
Problem	**Possible Solution**
Screen Defects Appear	• Check that DVI resolution and frequency is not over the limit of monitor display. • Check your current resolution, refresh rate and color depth settings in the **Settings** and Monitor tabs in your **Display** Properties dialog.
Off-Center Screen Image, Odd Colors or No Picture	• Try adjusting the brightness, sharpness, contrast, and color balance controls of your monitor. • Try adjusting the centering and positioning controls of your monitor to position the picture on the screen.
No Image	• For first timing installation ensure to reset the game console to factory default • Ensure that the monitor cable is securely fastened to the DVI and Monitor port. • Check to see if your DVI monitor supports desired resolution • Check if the GameSwitch is getting sufficient power.

Specifications

Model	GameSwitch DVI-GS3-2	
Input	Connector	Game: DVI Female x 1, Audio Female x 1 PC: DVI Female x 1, Audio Female x 1
	Cable	Game: HD & AV to DVI Cable PC: Use monitor's DVI and Audio cable
Output	Connector	DVI Female x 1, Audio Female x 1
	Cable	DVI to DVI + Select Button + Audio cable
Supported Resolution	480i, 480p, 720p, 1080i, 1080p	
Audio Channel	Stereo	
Switching Method	Auto or Manual Select Button	
Supported Signal	HDMI 1.2, HDCP, DVI 1.0	
Power Consumption	DC 5V, 700mA	
Housing	Metal	
Dimension (LxWxH)	Compact Size: 62 x 113 x 29 mm	
Operating Temperature	0 ~ 50°	
Storage Temperature	-20 ~ 60°	
Humidity	10 ~ 90%	

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