IOGEAR®

AVIOR™

Quick Start Guide

4x2 Port HD Switch Splitter

GHSW8242
PKG-Q1202

Package Content

1 x GHSW8242 4x2 Port Switch Splitter
1 x IR Remote Control Unit
1 x Power Adapter
1 x IR Receiver Cable
1 x Foot Kit
1 x Rack Mounting Kit
1 x User Manual
1 x Quick Start Guide

Requirements

Source Device
• HDMI Type A output connector(s)

Note:
A DVI/HDMI adapter is required when connecting a DVI source device.

Display Device
• Up to 2 display devices or receivers with an HDMI Type A input connector

Cables
• 4 HDMI cables (available separately)

Note:
1. We strongly recommend that you purchase high-quality cables of appropriate length since this will affect audio and video quality of the audio. Contact your dealer to purchase the correct cables.

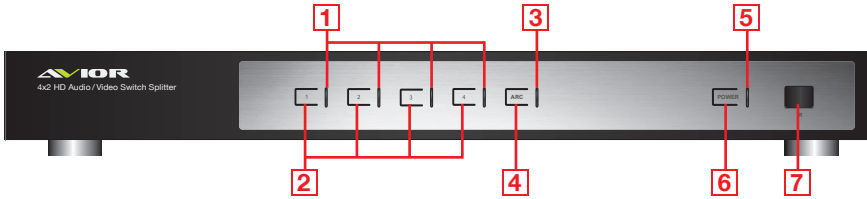
2. If you wish to utilize the GHSW8242's high-end serial controller functions, you will also need to purchase an appropriate RS-232 cable

GHSW8242 Overview

Start Here!

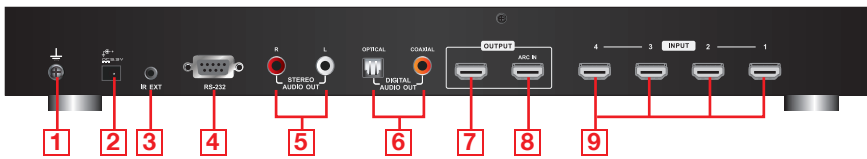
Front View

1. Port LEDs
2. Port Selection Buttons
3. ARC LED
4. ARC button
5. Power LED
6. Power Button
7. IR Receiver



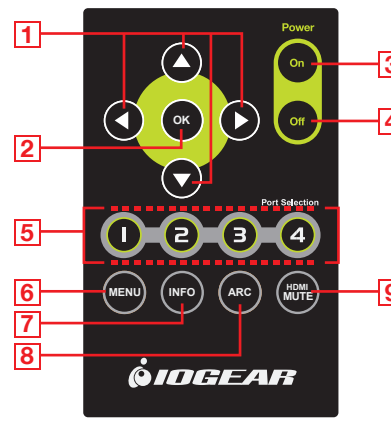
Back View

1. Grounding Terminal
2. Power Jack
3. IR Extender Port
4. RS-232 Serial Port
5. Stereo Audio Ports
6. Digital Audio out Ports
7. HDMI Out (port 2)
8. HDMI Out (port 1) (ARC In)
9. HDMI In



Remote Control Top View

1. Up / Down / Left / Right Buttons
2. OK
3. On
4. Off
5. Port Selection Buttons 1~4
6. Menu
7. Info
8. ARC
9. HDMI Mute



Before Installation

- Make sure that the power to all devices connected to the installation are turned off.
- Make sure that all devices you will be installing are properly grounded.

Installation

Note: Make sure your source devices and display are powered off before you start.

Step 1
Use an HDMI cable to connect the HDMI input port on the video display device to the HDMI output port on the rear of the GHSW8242.

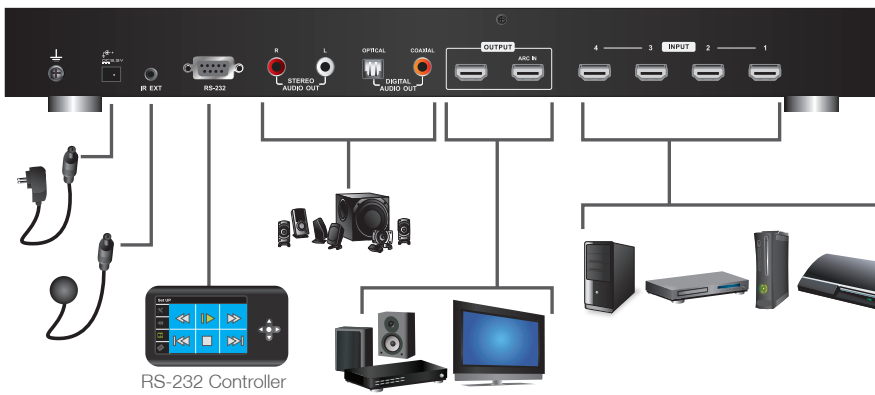
Step 2
Use HDMI cables to connect the HDMI output ports on the source device(s) to the HDMI input ports on the GHSW8242.

Step 3
Plug the provided power adapter into an appropriate AC power source; plug the power adapter cable into the Power Jack on the GHSW8242.

Step 4
Connect your audio devices (such as speakers or AVRs) to the Stereo Audio Ports or Digital Audio Ports.

Step 5 (optional)
To edit the GHSW8242 system settings through the RS-232 port, connect the hardware / software controller here.

Final Step
This completes the basic installation of the GHSW8242. You may now power on the display and source devices.



RS-232 Controller

Port Switching

Via front panel pushbutton
To select a source device, press the pushbutton that corresponds to the port to which it is connected.

Via IR remote control
To select a source device with the remote control, press the number button that corresponds to the port to which it is connected.

Via RS-232 hardware or software device
The GHSW8242's built-in bi-directional RS-232 serial interface allows system control through a high-end controller, PC, and/or home automation / home theater software package.

OSD Setting
On-Screen Display (OSD) for system configuration settings and information display

Note:
The OSD function is disabled while 3D content is being displayed. Switch to 2D content or a different input port to enable the OSD.

Serial Port (RS-232) Command List

Switch Port Commands
1. Switch Command (and) Input(and)Port Number [Enter]
   For example, to switch to the input port 01, input the following: sw i01 [Enter]

2. Switch Command (and) Port Sequence [Enter]
   For example, to switch to the next port (+), input the following: sw + [Enter]

Note: Each command string can be separated with a [Space]. For a complete list of RS232 commands, please see user guide.

Power On Detection Commands
Power On Detection – if one of the HDMI source devices is powered off or unplugged, the switch will automatically switch to the next active port. The Power On Detection feature is turned on by default.

Please note that the Power On Detection function might not work on some devices due to the various design on devices.

The formula for Power On Detection commands is as follows: pod (and) Control command [Enter]

For example, to turn on or turn off the Power On Detection feature, input the following: pod on [Enter] or pod off [Enter]

Verification
After entering a command, a verification message appears at the end of the command line as follows:

- Command OK - indicates that the command is correct and successfully performed by the switch
- Command incorrect - indicates that the command has the wrong format and/or values.

The following table shows the possible values and formats:

Description	Command
Switch command	sw
Input Port	i
Port number (default is 01)	01-04
Port Sequence - Next Port	+
Port Sequence - Previous Port	-
Power On Detection - On	pod on
Power On Detection - Off	pod off

Powering Off and Restarting

To power off the switch, follow these steps before powering it on again:

1. Power off the attached devices.
2. Unplug the power adapter cable from the switch.
3. Wait 10 seconds, and then plug the power adapter cable back in.
4. After the switch is powered on, power on the attached devices.

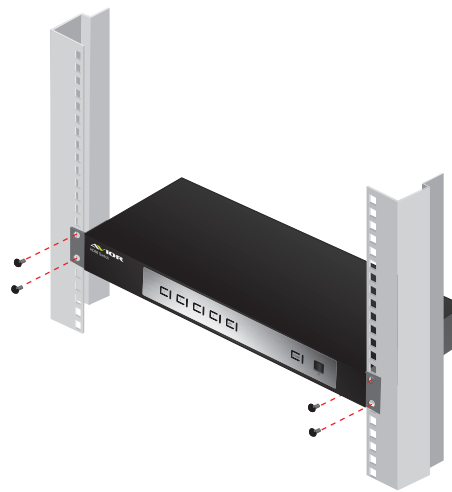
Note: Whenever the switch is powered on, it automatically selects the first port connected to a powered on source device.

Rack Mounting

Step 1
Remove the screws from the left and right sides of the switch (2 screws total) near the front of the switch.

Step 2
Use the M3 x 8 Phillips hex head screws supplied with the rack mounting kit to screw the rack mounting brackets into the sides near the front of the unit.

Final Step
Place the switch in the rack. Position it so that the holes in the mounting brackets line up with the holes in the rack. Secure the mounting brackets to the front of the rack (screws not included).



Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

CE Compliance

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (89/336/EMC), Low Voltage (73/23/EEC) and R&TTED (1999/5/EC).

Limited Warranty

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Make sure you:
1. Visit avior.iogear.com for more product information
2. Visit www.iogear.com/support for live help and product support

Warranty Information
This product carries a 3 Year Limited Warranty. For the terms and conditions of this warranty, please go to http://www.iogear.com/support/warranty
Register online at http://www.iogear.com/register

Important Product Information
Product Model _____
Serial Number _____

Contact

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