Manuals+
Q & A | Deep Search | Upload

GANA B0CBWXDLGF

GANA HDMI Switch 5 in 1 Out 4K@60Hz User Manual

Model: B0CBWXDLGF

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your GANA HDMI Switch 5 in 1 Out 4K@60Hz. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your viewing and gaming experience. This device allows you to connect up to five HDMI source devices to a single HDMI display, simplifying your entertainment setup.

Package Contents

- 1x GANA HDMI Switch 5 in 1 Out
- 1x IR Remote Control
- 1x Micro USB Power Cable (Power adapter not included)
- 1x User Guide (This document)

Note: HDMI cables are not included and must be purchased separately.

Product Overview

Familiarize yourself with the components and ports of your GANA HDMI Switch.

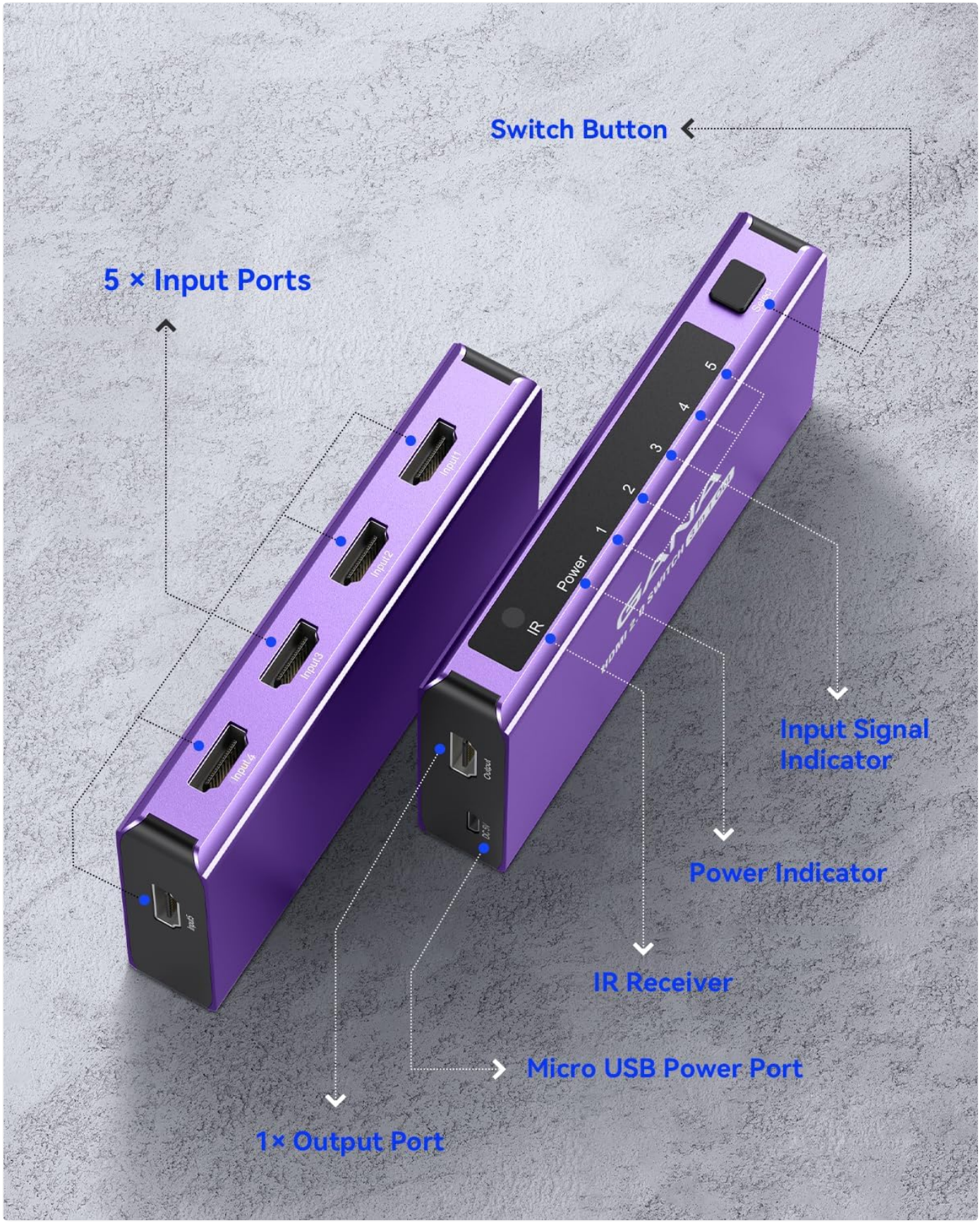


Image Description: This image displays the GANA HDMI Switch from a top-down perspective, highlighting its various ports and indicators. The top surface shows the "GANA HDMI 2.0 SWITCH 5 in 1 Out" branding, an IR receiver window, a Power LED, and five input signal indicator LEDs (1-5). A "Select" button is also visible. The side view reveals five HDMI Input Ports (Input 1-5), one HDMI Output Port, and a Micro USB Power Port (DC 5V). This diagram helps users identify each component for correct setup.

- **HDMI Input Ports (1-5):** Connect your HDMI source devices (e.g., gaming consoles, Blu-ray players, streaming sticks).
- **HDMI Output Port:** Connect to your display device (e.g., TV, monitor, projector).
- **Micro USB Power Port (DC 5V):** Connect the provided Micro USB power cable to a 5V/1A USB power adapter (not included) for stable operation.

- **IR Receiver:** Receives signals from the IR remote control. Ensure this is not obstructed.
- **Power Indicator LED:** Illuminates when the switch is powered on.
- **Input Signal Indicator LEDs (1-5):** Indicate which HDMI input port is currently active.
- **Select Button:** Manually switch between HDMI input sources.

Setup Instructions

1. **Connect HDMI Source Devices:** Connect up to five HDMI source devices (e.g., PS5, Xbox, Blu-ray player, Fire Stick) to the HDMI Input Ports (Input 1-5) on the GANA HDMI Switch using high-quality HDMI 2.0 cables.
2. **Connect to Display:** Connect the HDMI Output Port of the GANA HDMI Switch to the HDMI input of your TV, monitor, or projector using a high-quality HDMI 2.0 cable.
3. **Power Connection:** Connect the provided Micro USB power cable to the Micro USB Power Port on the switch. Plug the other end of the USB cable into a 5V/1A USB power adapter (not included) and then into a power outlet. The Power Indicator LED on the switch will illuminate.
4. **Power On Devices:** Power on your HDMI source devices and your display.
5. **Select Input:** Use the "Select" button on the switch or the IR remote control to choose the desired HDMI input source. The corresponding input indicator LED will light up.

Image Description: This image illustrates the connection process for the GANA HDMI Switch. It shows the switch connected via a Micro USB cable to a wall adapter for power (labeled DC 5V 1A). Multiple HDMI cables are shown connecting from various source devices (like a laptop, gaming console) to the input ports of the switch, and one HDMI cable connects from the output port of the switch to a large display screen. The remote control is also depicted nearby. A note emphasizes that the adapter is not included.

Important: For optimal performance, especially with 4K@60Hz content, ensure all HDMI cables used are high-speed HDMI 2.0 or higher. The switch requires a stable 5V/1A power supply for reliable operation.

Operating Instructions

Switching Input Sources

There are two methods to switch between your connected HDMI devices:

- **Manual Switching:** Press the "Select" button on the front panel of the GANA HDMI Switch to cycle through the input sources (Input 1 to Input 5). The corresponding LED indicator will light up to show the active input.
- **Remote Control Switching:** Use the provided IR remote control to directly select an input source (buttons 1-5) or to cycle through inputs using the "Next" button. Point the remote control towards the IR receiver window on the switch.

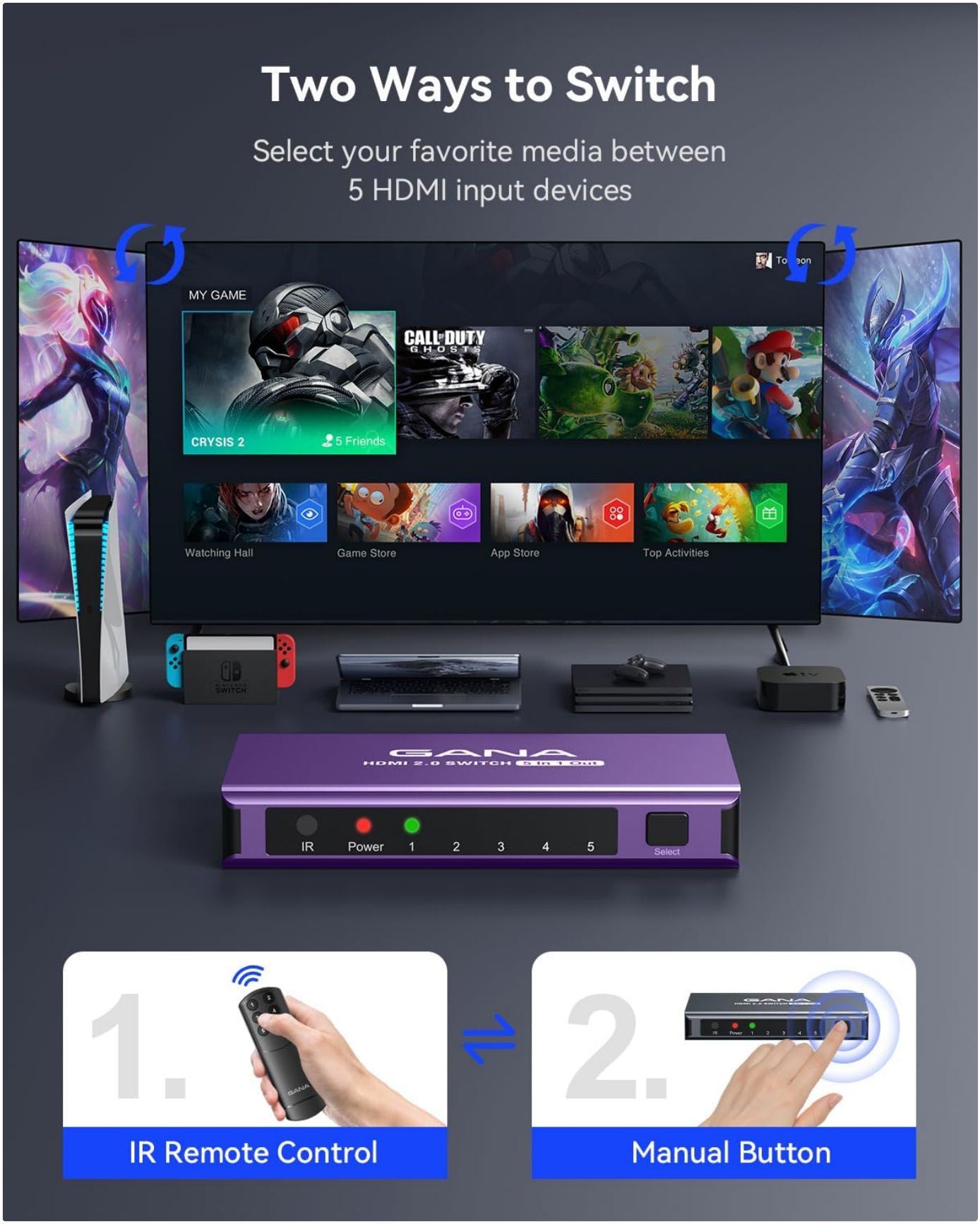


Image Description: This image illustrates the two methods for switching HDMI inputs on the GANA HDMI Switch. On the left, a hand holds the remote control, labeled "IR Remote Control," with a wireless signal icon. On the right, a hand presses the "Select" button on the switch itself, labeled "Manual Button." Both methods are shown as ways to select media from five HDMI input devices displayed on a large screen.

Automatic Switching

The GANA HDMI Switch supports intelligent automatic switching. When a new HDMI source device is powered on and connected, the switch will automatically detect the signal and switch to that input. If the currently active device is powered off, the switch may automatically switch to the next active input.

Key Features

- **4K@60Hz High Resolution:** Supports resolutions up to 4K@60Hz, including backward compatibility with 4K@30Hz, 2560x1440@120Hz, and 1920x1080@240Hz.
- **HDMI 2.0 Standard:** Compliant with HDMI 2.0 specifications, offering 18Gbps bandwidth for high-speed data transmission.
- **HDCP 2.2 Support:** Ensures compatibility with protected content.
- **HDR (High Dynamic Range):** Provides enhanced contrast and color accuracy for a more vivid picture.
- **3D Support:** Compatible with 3D video formats.
- **5 Inputs, 1 Output:** Connects five HDMI sources to one display.
- **Dual Switching Methods:** Manual button and IR remote control for convenient input selection.
- **USB Powered:** Ensures stable video transmission and performance.
- **Aluminum Casing:** Durable design for heat dissipation and longevity.

Image Description: This image visually compares the difference between 30Hz and 60Hz refresh rates on a display. The left side shows a slightly blurred image labeled "30Hz," while the right side shows a sharper, clearer image labeled "60Hz." The text below states "Enjoy 4K@60Hz Visual Feast, More Clear Realistic Picture," emphasizing the enhanced clarity provided by the higher refresh rate.

Image Description: This image presents a side-by-side comparison of a scene (Tower Bridge at night) displayed "Without HDR" on the left and "With HDR" on the right. The "With HDR" side shows significantly richer colors, deeper blacks, and brighter highlights, demonstrating the improved visual quality provided by High Dynamic Range technology.

Compatibility

The GANA HDMI Switch is designed for wide compatibility with various HDMI-enabled devices.

Input Devices:

- Gaming Consoles: PlayStation 5/4/3, Xbox Series X/S, Xbox One, Xbox 360, Nintendo Switch
- Streaming Devices: Fire Stick, Roku, Apple TV, Chromecast
- Media Players: Blu-Ray Player, DVD Player
- Computers: PC, Laptop, Macbook
- Other: TV Box Stick

Output Devices:

- HD-Ready or Full HD TVs
- 4K UHD TVs
- Monitors
- Projectors

Image Description: This image displays a "Wide Compatibility" diagram. On the left, under "Input," icons represent various devices such as a TV Box Stick, Laptop/Computer, PS3/PS4/PS5, Xbox, Gaming Console (Nintendo Switch), and HD/DVD-Player. On the right, under "Output," icons represent a TV, Monitor, and Projector. The GANA HDMI Switch is shown in the center, illustrating its role in connecting these devices.

Troubleshooting

Problem	Possible Cause	Solution
No picture or unstable signal.	◦ Loose HDMI cable connections. ◦ Insufficient power supply. ◦ Low-quality HDMI cables. ◦ Incorrect input selected. ◦ Incompatible resolution/refresh rate.	◦ Ensure all HDMI cables are securely connected. ◦ Verify the Micro USB power cable is connected to a stable 5V/1A power source. ◦ Use high-speed HDMI 2.0 or higher cables, especially for 4K@60Hz. ◦ Select the correct input source using the manual button or remote. ◦ Adjust the resolution/refresh rate of your source device to match your display's capabilities.
Remote control not working.	◦ Remote battery is dead or inserted incorrectly. ◦ Obstruction between remote and IR receiver. ◦ Remote is too far from the switch.	◦ Replace the remote control battery or ensure it's inserted correctly. ◦ Remove any objects blocking the line of sight between the remote and the switch's IR receiver. ◦ Ensure you are within the effective range (approx. 33 feet / 10 meters) of the remote.
Audio issues (no sound or distorted sound).	◦ HDMI cable issue. ◦ Source device audio settings. ◦ Display audio settings.	◦ Check and reseat HDMI cables. Try different cables if possible. ◦ Verify audio output settings on your source device. ◦ Check audio input settings on your display.
Automatic switching not functioning.	◦ Some devices may not send a consistent power signal. ◦ Multiple devices powered on simultaneously.	◦ Manually switch using the button or remote control. ◦ Ensure only one source device is powered on at a time for optimal auto-switching.

Specifications

Feature	Detail
Model	B0CBWXDLGF
HDMI Version	HDMI 2.0
HDCP Version	HDCP 2.2
Max Resolution Support	4K@60Hz
Backward Compatibility	4K@30Hz, 2560x1440@120Hz, 1920x1080@240Hz
Color Depth	8/10/12 bit Deep Color
Audio Formats	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD

Feature	Detail
Bandwidth	18Gbps
Input Ports	5 x HDMI
Output Ports	1 x HDMI
Power Supply	Micro USB 5V/1A (adapter not included)
Control Methods	Manual Button, IR Remote Control
Housing Material	Aluminum Alloy
Dimensions	6.61 x 4.92 x 0.94 inches
Item Weight	7 ounces

Maintenance

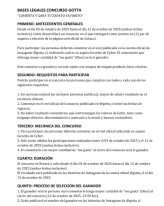
- Keep the device in a cool, dry place, away from direct sunlight, high temperatures, and humidity.
- Do not expose the device to water or other liquids.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure proper ventilation around the switch to prevent overheating.
- Avoid dropping or subjecting the device to strong impacts.

Warranty and Support

GANA products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact GANA customer service through the retailer where the product was purchased or visit the official GANA website for contact information.
Please retain your proof of purchase for warranty claims.

Related Documents - B0CBWXDLGF

	GlassBuild America 2024 Official Show Catalog and Exhibitor Guide Explore the official 2024 Show Catalog for GlassBuild America, the premier expo for the glass, window, and door industry. Discover exhibitors, schedules, and industry insights for the Dallas event.

	[DK Hardware Order Form] Order form for DK Hardware, including fields for quantity, stock number, description, price, and total cost. Features delivery options and sales tax information.
	[Reglas Oficiales del Sorteo Gana y Comparte con Farmacia Caridad, Pharmamax y Coca-Cola] Descubre las reglas oficiales del sorteo 'Gana y Comparte' de Farmacia Caridad, Pharmamax y Coca-Cola. Conoce cómo participar, los premios disponibles y los términos y condiciones para ganar.
	[Bases Legales Concurso Gotta: Comenta y Gana Tu Zapato Favorito] Descubre las bases legales del concurso 'Comenta y Gana Tu Zapato Favorito' de Gotta. Participa para ganar un par de zapatos comentando tu favorito en Instagram. Conoce los requisitos, mecánica, duración y premio.
	[Calendario de Capacitación Amway Agosto: Programas, Eventos y Herramientas Digitales] Descubre el calendario de capacitaciones de Amway para agosto, con sesiones de entrenamiento especiales, herramientas digitales, programas de nutrición, soluciones de belleza y oportunidades de desarrollo de negocio. Accede a detalles de eventos y enlaces de registro.
	[Diamond Series 550 Linear Hack Squat Machine - Gana Sport] Discover the Gana Sport Diamond Series 550 Linear Hack Squat, a robust fitness machine designed for professional use. Featuring a high-quality steel frame, durable alloy steel guide rods, and a maximum user capacity of 160 kg, it supports loads up to 400 kg. Ideal for gyms and fitness centers.