

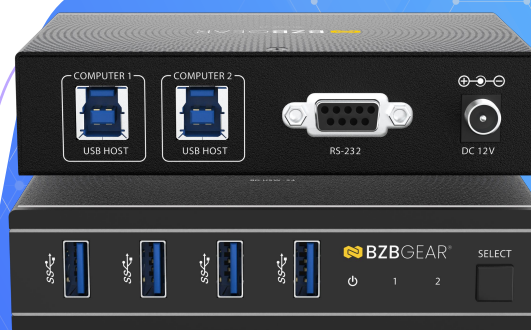


BG-USW-24

2X4 USB 3.2 GEN 1 PERIPHERAL SHARING SWITCHER WITH 5GBPS DATA TRANSFER/AUTO SWITCHING AND RS-232 CONTROL

The BG-USW-24 is a professional USB 3.2 Gen1 peripheral sharing switch that allows two host computers to share up to four USB devices without reconnecting cables. With support for transfer speeds up to 5 Gbps, it is ideal for high-bandwidth peripherals, including USB cameras, external storage devices, audio interfaces, and docking stations. With backward compatibility for USB 2.0 and USB 1.1 devices, the BG-USW-24 integrates easily into virtually any USB-based workflow.

Designed for professional AV, broadcast, IT, and control room environments, the BG-USW-24 offers multiple switching methods including front-panel buttons, RS-232 control, and intelligent automatic host switching. Dedicated power for each USB port, over-current protection, power-loss memory, and true plug-and-play operation provide dependable performance in mission-critical applications.



FEATURES



USB 3.2 GEN1 PERFORMANCE

Supports data transfer speeds up to 5Gbps with backward compatibility for USB 2.0 and USB 1.1 devices



2X4 USB PERIPHERAL SHARING

Allows two computers to share up to four USB peripherals without swapping cables



FLEXIBLE SWITCHING CONTROL

Switch hosts using the front-panel button, RS-232 serial commands, or automatic host detection



AUTOMATIC HOST SWITCHING

Automatically assigns shared USB devices to the most recently active computer for seamless workflow transitions



RELIABLE POWER & PROTECTION

Provides dedicated 5V/1A power to each USB port with built-in over-current protection for stable peripheral operation



PROFESSIONAL INTEGRATION

Supports Windows, macOS, and Linux with plug-and-play installation and includes mounting hardware for rack or surface installation



TECH SPECIFICATIONS

Technical

USB Compliance	USB 3.2 Gen1, USB 2.0 and USB 1.1
Data Transfer Rates	5Gbps
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap) & ±4kV (Contact)

Connection

HOST Ports	2x USB HOST [USB 3.0 Type B, 9-pin female]
DEVICE Ports	4x USB DEVICES [USB 3.0 Type A, 9-pin female]
Control Port	1x RS-232 [DB-9]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions (W x D x H)	4.9in x 3.1in x 1.2in [125mm x 80mm x 30mm]
Weight	0.7lb [319g]
Power Supply	DC 12V / 2.5A (US/EU standard, CE/FCC/UL certified)
Power Consumption	Typical: 21.12W, Standby: 0.6W

Operating

Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20-90% RH (no-condensing)



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY

Essential Line Products
3-YEAR WARRANTY

Cables Products
LIFETIME WARRANTY