



BG-USM-44

4X4 USB 3.2 GEN 1 MATRIX SWITCHER WITH USB 3.2 TYPE-A/B/C AND TCP/IP WEB GUI/IR/RS-232 CONTROL

The BG-USM-44 is a professional 4x4 USB 3.2 Gen 1 matrix switch designed to route up to four USB devices between four host computers with complete routing flexibility. Supporting USB transfer speeds up to 5Gbps and maintaining backward compatibility with USB 2.0 and USB 1.1 devices, it enables efficient sharing of high-bandwidth peripherals including cameras, docking stations, storage devices, and other USB equipment without reconnecting cables.

Built for professional AV, IT, broadcast, and control room environments, the BG-USM-44 combines powerful matrix switching with multiple control options including front-panel buttons, IR remote, RS-232, and TCP/IP Web GUI management. Preset memory, integrated device power delivery, plug-and-play operation, and network control make it an ideal solution for collaborative workspaces, production facilities, and enterprise USB routing applications.



FEATURES



4X4 USB SWITCHING

Independently routes up to four USB devices between four host computers for flexible multi-system resource sharing



USB 3.2 GEN 1 PERFORMANCE

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



COMPREHENSIVE CONTROL OPTIONS

Supports front-panel operation, IR remote control, RS-232 serial commands, and TCP/IP Web GUI management



INTEGRATED POWER DELIVERY

Provides 5V/1.5A power on USB-A ports and 5V/3A on USB-C ports for reliable peripheral operation



PRESET ROUTING MEMORY

Stores and recalls up to eight routing presets for quick system configuration changes



NETWORK INTEGRATION

Includes Ethernet connectivity, plug-and-play compatibility, and support for Windows, macOS, and Linux systems



TECH SPECIFICATIONS

Technical

USB Protocol	USB 3.2 Gen 1
Data Transfer Rate	Up to 5Gbps
IR Frequency	IR Frequency
IR Level	5Vp-p
Transmission Distance	Up to 3m (USB 3.2 Gen 1 over passive cable at 5Gbps)
ESD Protection	IEC 61000-4-2: ±8kV (Air), ±4kV (Contact)

USB Architecture

Matrix Type	4x4 USB routing (4 host x 4 device independent switching)
Operating Systems	Windows / macOS / Linux
Driver Requirement	Plug and Play (no driver required)

Input Ports (Host)

USB-B Ports	2 x USB 3.2 Gen 1 Type-B (9-pin female)
USB-C Ports	2 x USB 3.2 Gen 1 Type-C (24-pin female)

Output Ports (Device)

USB-A Ports	2 x USB 3.2 Gen 1 Type-A (5V/1.5A output)
USB-C Ports	2 x USB 3.2 Gen 1 Type-C (5V/3A output)
Video Support Note	USB ports do not support DP Alt Mode or Power Delivery

Control Interfaces

Network Control	1 x RJ45 TCP/IP (100M Ethernet)
Serial Control	1 x RS-232 (3-pin 3.81mm Phoenix connector)
IR Control	1 x IR EXT (3.5mm stereo mini jack)
Local Control	Front panel buttons + IR remote control

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



TECH SPECIFICATIONS

Power

Power Input	AC 100–240V 50/60Hz
Power Output	DC 24V / 2.7A locking adapter
Power Consumption	Max 13.2W

Mechanical

Housing	Metal enclosure
Color	Black
Dimensions (W x D x H)	11 x 6.5 x 1.2 in [270 x 166 x 30 mm]
Weight	2.6 lbs [1.16 kg]

Environmental

Operating Temperature	32°F to 104°F / 0°C to 40°C
Storage Temperature	-4°F to 140°F / -20°C to 60°C
Operating Humidity	20%–80% RH non-condensing
Storage Humidity	10%–90% RH non-condensing



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