



BG-AIR4KAST-MKX

4K60 UHD WIRELESS HDMI EXTENDER KIT WITH
MULTI-RECEIVER SUPPORT (UP TO 4 RECEIVERS)

The BG-Air4Kast-MKX is a 4K@60Hz UHD wireless HDMI KVM extender designed to deliver ultra-stable, low-latency video and audio transmission up to 164ft (50m). With support for keyboard, mouse, and touchscreen control, it enables seamless remote operation of PCs and laptops, making it the perfect solution for conference rooms, classrooms, digital signage, and home entertainment. Equipped with channel-switchable technology, HDMI loop-out on the transmitter, and multiple receiver support, the BG-Air4Kast-MKX ensures maximum flexibility for both professional and personal applications.

The BG-Air4Kast-MKX combines ultra-HD video quality with advanced wireless control capabilities. Supporting resolutions up to 4K@60Hz, it ensures crystal-clear visuals with virtually no lag, ideal for gaming, streaming, and live presentations. With HDMI loop-out, users can monitor content locally at the transmitter side while wirelessly extending the same signal to one or multiple receivers. The integrated KVM functionality supports real-time keyboard, mouse, and touchscreen operations over long distances, creating a smooth and responsive remote control experience.



FEATURES



4K@60HZ WIRELESS TRANSMISSION

Stable HDMI 2.0 signal extension
up to 164ft (50m)



KVM SUPPORT

Remote control with keyboard, mouse,
and touchscreen functionality



HDMI LOOP-OUT

Local monitoring at the transmitter side
without signal interruption



CHANNEL SWITCHABLE

Avoids interference and maintains a stable
connection



PLUG-AND-PLAY

No drivers or software required, quick
and simple installation



MULTI-RECEIVER SUPPORT

Connect one transmitter to multiple
receivers for versatile applications



TECH SPECIFICATIONS

HDMI Performance and Interface

HDMI version	HDMI 2.0
HDCP version	HDCP 1.4 / HDCP 2.2
Maximum transfer rate	18Gbps
Resolution supported	4096x2160@24/30/50/60Hz, 3840x2160@24/30/50/60Hz, 1080P@50/60Hz, 720P@50/60Hz, 1920x1200
Input and output TMDS signal	0.7~1.2Vp-p (TMDS)
Input and output DDC signal	5Vp-p (TTL)

Transmission

Wi-Fi Frequency bands	5.18~5.24 GHz
Transmission distance	One-to-one < 50m; One-to-two < 30m; One-to-three < 20m; One-to-four < 15m
Latency	4K@60Hz: 120~180ms 1080P@60Hz: 70~120ms For reference only, delays may vary depending on the resolution, transmission distance, and connection capacity
Connection types	One-to-one; One-to-two; One-to-three; One-to-four
SSID pairing	Supported

Protection Level

ESD protection	1a Contact discharge level 3 1b Air discharge level 3 Standard: IEC61000-4-2 Lightning protection, Surge protection
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IR Performance

Infrared frequency	20~60kHz
Receiving range	≤ 5m

Operating Environment

Working temperature	-4~140°F / -20~60°C
Storage temperature	-22~158°F / -30~70°C
Humidity (no condensation)	0~90% RH

Power Supply

Voltage/Current	DC 5V/2A
Power consumption	TX ≤ 5W, RX ≤ 4W

Physical Properties

Dimension (W x L x H)	TX: 4.5 x 4.9 x 0.81in [115 x 125 x 20.6mm] RX: 4.5 x 4.9 x 0.81in [115 x 125 x 20.6mm]
Color	Black
Material	Iron
Net weight	TX: 0.77 lbs [349g]; RX: 0.72 lbs [326g]

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

