

A L L F O R C O N T E N T M A K E R S



Wireless Audio & Video Transmission Solution

2025 CATALOG





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WAVLINK OFFICIAL WEBSITE

Looking for Distributors

WAVLINK ^{TV}

Pixels Speak Louder, Signals Bridge Further.

WAVLINK's AV Series transforms the intangible into experiences that resonate—whether amplifying a filmmaker's vision, powering a global corporate broadcast, or simplifying a teacher's virtual classroom. We don't just share data—we take everyone to SEE THE WORLD.





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Storage and USB Dock



Sound Bird Elite

Wireless Lavalier Microphones





Lavalier Microphone

Sound bird



DSP Noise-
Reduction



Vibrant AMOLED
Touchscreen



8GB Storage
Self-Recording



<25ms Ultra-low
Latency



250m Ultra-long
Distance Transmission



Intelligent EQ
Sound Processing

Sound Bird Elite Wireless Microphone Professional Edition 2TX1RX

PID: WL-WA280S1

- **MIC Sensitivity:** -36dB±1dB@1KHz,135dBSPL
- **Directivity:** Omnidirectional
- **Operating Frequency and Response:** 2.4GHz, 20Hz-20KHz
- **Audio Sample Rate:** 16bit 48KHz
- **Battery Capacity:** TX-320mA, RX-500mA, Charging Case-3000mA
- **Charging Time:** about 1.5H
- **Working Time:** 8H
- **Combined Working Time:** 16H (with charging case providing an additional 2 full charges)

Classic Series



Plug and play



Highly sensitive



Widely compatible



200 meters of
accessible reception



Lavalier Microphone Sound bird



Rock-solid
2.4GHz Signal



Crystal-Clear
Audio with ENC



200m Long-range
Transmission



Ultra-low
25ms Net Lag



Magnetic and
Lightweight

Sound Bird Elite Wireless Lavalier Microphone USB-C Port 2TX 1RX

PID: WL-WA303S1

- MIC Sensitivity: -30dBV
- Directivity: Omnidirectional
- Operating Frequency and Response: 2.4GHz, 20Hz~20KHz
- Audio Sample Rate: 24bit 48KHz
- Battery Capacity: TX-120mAh, RX(Camera)-160mAh, Charging Case(Phone)-800mAh, Charging Case(Camera)-2000mAh
- Battery Voltage: 3.7V
- Charging Time: 1.5H
- Working Time: 8H
- Combined Working Time: 24H(with charging case providing 3 additional charges)

Lavalier Microphone Sound bird



Rock-solid
2.4GHz Signal



Crystal-Clear
Audio with ENC



20m Long-range
Transmission



Ultra-low
25ms Net Lag



Magnetic and
Lightweight

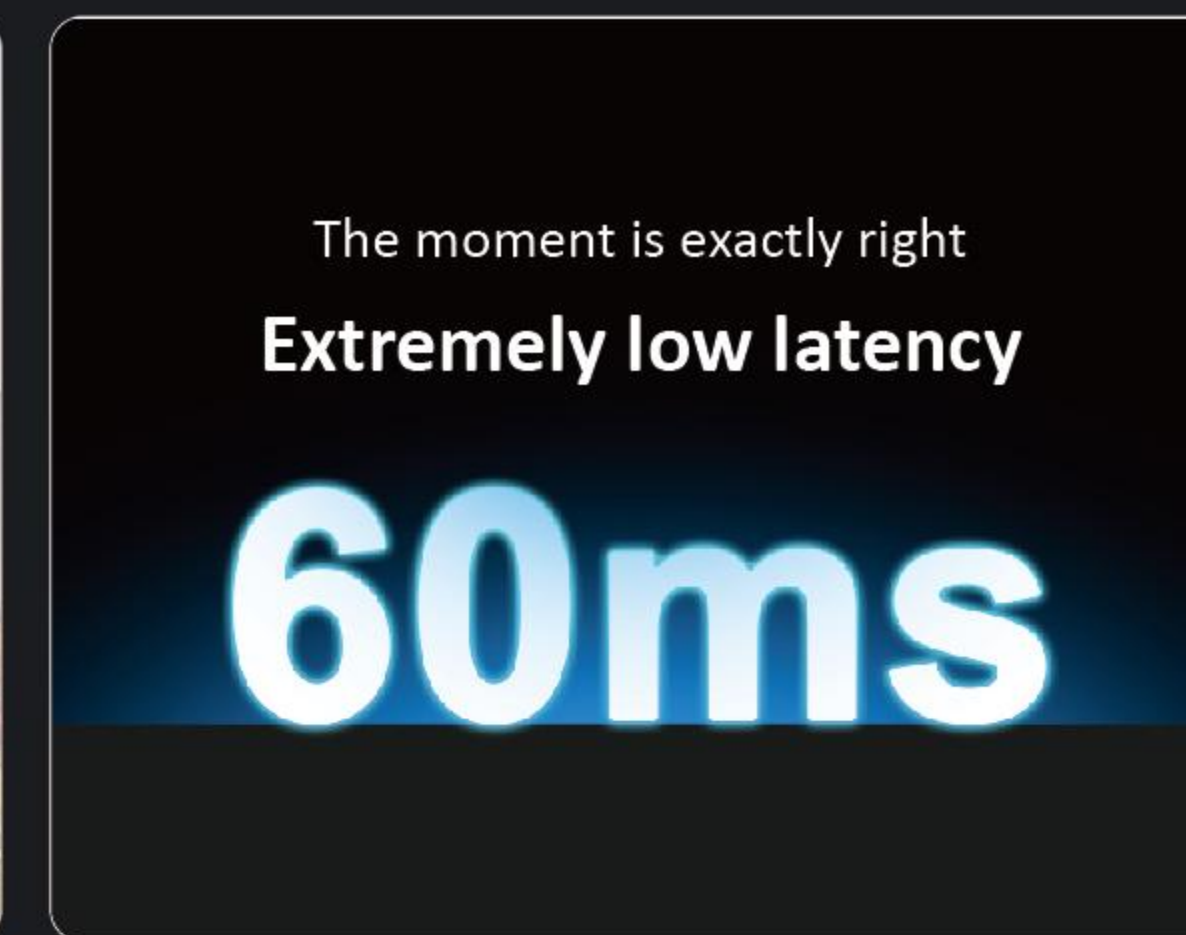
Sound Bird Supreme Wireless Lavalier Microphone USB-C or Lightning Port 2TX1RX

PID: WL-WAB508C(USB-C)/WL-WAB508L(Lightning)

- MIC Sensitivity: -38dB±1dB@1KHz, 94dBSPL
- Directivity: Omnidirectional
- Operating Frequency and Response: 2.4GHz, 20Hz~20KHz
- Audio Sample Rate: 16bit 48KHz
- Battery Capacity: TX-100mAh, Charging Case-350mAh
- Battery Voltage: 3.87V
- Charging Time: about 1.5H
- Working Time: 7H
- Combined Working Time: 14H (with charging case providing an additional 2 full charges)

Wireless Video Transmission Kit





Wireless 3840*2160@60Hz HDMI+ 1920*1080P@60Hz SDI Video Transmitter

PID: WL-WH600 Pro

- **Max Resolution:** HDMI 3840×2160@60Hz/ SDI 1920×1080p@60Hz
- **Dual Interface:** HDM 2.0 & SDI 3G Audio/ Video Input/Output Ports
- 60Mbps High Bitrate Support
- Real-Time Monitoring via APP (Up To 4 Devices)
- 500m Transmission Range (Obstacle-free)
- Dual-Band 2.4GHz+5.8GHz
- Auto-Switch Between Selectable Channels
- 32kHz/44.1kHz/48kHz Audio Sampling Rates
- **Four Power Supply:** V-mount Battery / NP-F Battery / Type-C Port / DC Input
- RX with USB-UVC Compatibility (OBS/3rd-Party Software)

4K
ULTRAHD
Max 3840x
2160@60Hz


HDMI & SDI
Input/Output


1 TX to
Max. 4RXS


Max 500m
Coverage


UVC Output


Low latency
of 60ms



reddot winner 2024



1920×1080@60Hz
Resolution



DC IN/USB-C
/NP-F Input



250m Max Wireless
Range 250m



8-Channel Frequ-
ency Adjustment



Low Latency



RTSP Output



HDMI & SDI
Input/Output



1 TX to Max.3RXS

Wireless 1920×1080@60Hz HDMI+SDI Video Transmitter 1TX 1RX

PID: WL-WH300S

- 1920×1080@60Hz HD Resolution
- **TX:**1*HDMI input+1*SDI input; **RX:** 1*HDMI output+1*SDI output
- 12Mbps High Bitrate Support
- Real-Time Monitoring via APP (simultaneous viewing on mobile/tablet/monitor, up to 3 devices)
- 250m Transmission Range (obstacle-free)
- 5GHz Wireless Band Operation
- 8 Selectable Channels
- 32kHz/44.1kHz/48kHz Audio Sampling Rates
- Triple Power Supply: NP-F Battery / Type-C / DC Input
- RX with RTSP Data Transfer (enables OBS/3rd-party software integration for recording live streaming via USB-C cable)



1920×1080@60Hz
Resolution



DC IN/USB-C
/NP-F Input



250m Max
Wireless Range



8-Channel Frequ-
ency Adjustment



Low Latency



USB UVC for Video



HDMI
Input/Output



1 TX to Max.3RXS

Wireless 1920×1080@60Hz HDMI Video Transmitter 1TX 1RX

PID: WL-WH300M

- 1920×1080@60Hz HD Resolution
- **TX:**1*HDMI input+1*HDMI output; **RX:** 2*HDM output
- 12Mbps High Bitrate Support
- Real-Time Monitoring via APP (simultaneous viewing on mobile/tablet/monitor, up to 3 devices)
- 250m Transmission Range (obstacle-free)
- 5GHz Wireless Band Operation
- 8 Selectable Channels
- 32kHz/44.1kHz/48kHz Audio Sampling Rates
- **Triple Power Supply:** NP-F Battery / Type-C / DC Input
- RX with USB-UVC Compatibility (enables recording live streaming via OBS/3rd-party software)

User Friendly APP

Convenient for Monitoring



HOME Series

Wireless HDMI Transmission Kit





Long-distance
stable transmission



Plug and play, no
driver required



Wide compatibility



Compact and
portable

HOME H2 Wireless HDMI Adapters

PID: WL-WH50A1-A

- 5G WiFi
- Up to 30m stable transmission
- Extend and mirror display
- 1080P HDMI video transmission
- Compatible with HDMI 1.4, 1.3 standards
- Comply with 802.11a/b/g/n

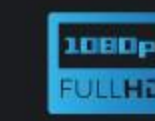
HOME H2 Pro Wireless HDMI Adapters

PID: WL-WH50A2-A

- 5G WiFi
- Up to 50m stable transmission
- Extend and mirror display
- 4K@30Hz HDMI video transmission
- Compatible with HDMI 1.4, 1.3 standards
- Comply with 802.11a/b/g/n



Up to 150m wireless
transmission



Max. FHD
1920×1080P@60Hz



8 channels
selection



IR remote
control

HOME H1 1080P HDMI Wireless Transceiver

PID: WL-WH1000M

Support Max. 2*RX

- **TX:** 1*HDMI input+1*HDMI output; **RX:** 2*HDMI output
- HDMI 1.4; input HDCP 1.4
- H.264 encoding algorithm
- **Working Frequency:** wireless 5G
- **Supply Voltage:** DC 12V
- **Rated Voltage:** 100-240 AC. 50/60Hz, 0.7A Max. CLASS II

Wireless Duplex Intercom System






1-to-8 Device
Linking 1-to-8


270° Mic


≤ 35ms Ultra-Low
Latency


Max Wireless
range 350m


DECT6.0
1.7G-1.9G

Front Line Headworn Full Duplex Wireless Call Earphones

PID: WL-WI810H

- 1xMain Unit + 1xSlave Unit (supports up to 8xslaves)
- **Microphone Sensitivity:** -52dB±2dB@1KHz, 115dB SPL
- **Polar Pattern:** Unidirectional
- **Frequency Response:** 150Hz-7kHz
- **Operating Frequency:** 1.7-1.9GHz (country/region dependent)
- **Modulation:** GFSK
- **Audio Sampling Rate:** 8KHz
- **Latency:** 30ms
- **Line-of-Sight Range:** 350m
- **Output SPL:** 121±3dB
- **Battery:** removable Li-ion battery (external charging)
- **Battery Capacity:** TX-880mAh / RX-880mAh
- **Battery Voltage:** 3.7V
- **Charging:** 2.5H
- **Operating Time (without battery replacement):**
8hrs (1-to-1 mode), 5.5hrs (1-to-4 mode), 2.5hrs (1-to-8 mode)

WL-WI810H-2S	WL-WI810H-3S	WL-WI810H-4S	WL-WI810H-5S	WL-WI810H-6S	WL-WI810H-7S	WL-WI810H-8S	WL-WI810H-9S
1xMain Unit + 1xSlave Unit	1xMain Unit + 2xSlave Units	1xMain Unit + 3xSlave Units	1xMain Unit + 4xSlave Units	1xMain Unit + 5xSlave Units	1xMain Unit + 6xSlave Units	1xMain Unit + 7xSlave Units	1xMain Unit + 8xSlave Units

Wireless Networking Equipment For AV Stage





Dual-band
2.4/5G



Multi-Port



30W Built
-in PSU



Wi-Fi 7
Multi-Gen



Secure Network
Protection

Skyline Stream Stage StageLink Wi-Fi7 BE5100 Router

PID: WL-AVL10RBE2

Dual-Band: 2.4GHz & 5GHz Bands + USB Standard Protocol

Port Configuration:

- 1x2.5G WAN port
- 4x10/100/1000Mbps LAN ports
- 3xUSB 3.0 (5Gbps)
- 2xType-C ports
- Built-in 30W Power Supply, 100V - 230V; Input: 100-240V AC, 50/60Hz
- **Network Standards:** IEEE 802.11b/g/n/a/ac/ax/be Hub Performance
- **Data Transfer:** 5Gbps
- **USB Power Output:** 5V/1.5A
- **Type-C Power Output:** 5V/3A
- **Encryption:** WPA3/WPA2-MIX,WPA2-PSK,WPAPSK/WPA2PSK-MIX

StageLink Wi-Fi7 BE5100 Router is a distinctive wireless router designed for direct connection to digital mixing consoles and other peripheral devices. With its 19-inch casing, the stage router can be conveniently mounted in every live rack, and it can integrate with properly equipped digital consoles or other network-enabled devices such as audio processors, speakers, and lighting control systems via CAT5 cables. This integration into the network area enables more complex audio and lighting controls.

The AERIAL WiFi 7 Outdoor AP can provide a fixed network environment for your outdoor scenes, and the AV LINK Series StageLink Wi-Fi7 Router can form a MESH network to provide network guarantee for your outdoor activities.

With its 19-inch enclosure, the AV LINK Series StageLink Wi-Fi7 Router can be comfortably installed in every field rack and can be connected to the network via a CAT5 cable with a digital console or other network-enabled device equipped with the appropriate one.



- | | | | |
|---|--|--|--|
| 
Dual-band
2.4/5G | 
2.5G WAN/LAN | 
4x8dBi & 1x5dBi
High-Gain Antennas | 
Multi-Operation
Mode |
| 
Network Security
Safeguards | 
PoE++
/Passive | 
IP67 & 15KV ESD
& 4KV lightning | 
Wi-Fi 7
Multi-Gen |

AERIAL BE51 BE5100 WiFi 7 Outdoor AP

PID: WL-WN573HBE2/WL-WN573HBE3

- **Frequency:** dual band 2.4GHz@688Mbps+5GHz@4323Mbps, speed up to 5100Mbps
- **Ethernet Port:** 1x2.5G WAN/LAN
- **Antennas:** 4x8dBi +1x5dBi high-gain antennas
- **Operation Modes:** Mesh AP, AP, Repeater, Mesh Router, and Mesh Extender
- **Security:** WPA3-SAE/WPA2-PSK, WPA2-PSK, WPA2PSK/WPA2PSK-MIX
- **Power Adapter:** 100-240 V/50-60Hz; DC 54V(Passive PoE); DC 48V(Active PoE)
- IP 67 waterproof, 15KV ESD and 4KV lightning protection
- Complies with IEEE 802.11be/ax/ac/a/n/g/b standards
- Supports 802.3 AT/AF PoE and Passive PoE to supply power

Video Capture Card & Thunderbolt 5 SSD Storage / Docking Station



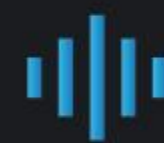




4K@60Hz HDMI
Video Loop-out



4K@30Hz USB 3.0
Video Capture



Superior
Sound Capture



Driver-Free
Plug-and-Play



Wide Range of
Third-Party Software

Grabber G2 PRO 4K@60 HDMI AV Capture Card

PID: WL-HG901U

- Supports max. 4K@60Hz HDMI 2.0 IN/OUT
- Supports max. full HD 4K@60Hz IN/Loop Out
- Supports USB-C 3.0 UVC 1.5/1.1/1.0, UAC 1.0 output, and compatible with USB 2.0 devices
- Supports max. 4K@30Hz capture and recording
- Supports 3.5mm Line in, Line out and mic
- Supports the conversion from HDR10 to SDR




Safe and
Lightning-fast


Plug and Play


Tool-free
Installation


80Gbps Ultra-
fast Transfer


Low Noise
Operation


Durable Aluminum
Alloy Enclosure

THUNDERLIGHT STOR Thunderbolt 5 External Storage

PID: WL-UTE50

- Support 80Gbps transfer with 6000+MB/s sequential read and 5000+MB/s write on Thunderbolt™ 5 computers
- Support USB 3.2/3.1/3.0 Type-C computers
- Support Plug and Play with no driver required
- Support smart built-in fan for efficient heat-dissipation and noise reduction.
- Compatible with Windows 11 23H2 (build 22631.3235 and later), Mac OS 15.2 or later
- Compatible with Thunderbolt 4/USB4 computers and USB-C 3.2 ports supporting 15W or higher power delivery




12-IN-1
Multifunction


Thunderbolt™ 5
Super-Speed Connectivity


Multi-Display
Collaboration


High-Speed
USB Ports


High-Definition
Video & Audio


Stable Network
Connection

THUNDERLIGHT DOCK M Thunderbolt 5 Multifunction Docking Station with M.2 PCIe 4×4 slot

PID: WL-UTD59-M

- 1*Thunderbolt™ 5 UFP provides 80Gbps data, 120Gbps bandwidth video transfer, 140W instant charging for the USB-C laptop
- 3*Thunderbolt™ 5 DFP provide 80Gbps data, dual 8K@60Hz or triple 4K@144Hz display at 120Gbps bandwidth, one of them supports 30W instant charging for the downstream devices
- 1*M.2 PCIe 4×4 slot is compatible with 2280 M-key SSDs, and provides 64Gbps transfer speed
- 4*USB-A transfer speed up to 10Gbps, and compatible with USB 3.0/2.0
- 1*RJ45 Ethernet provides efficient transfer, low-latency game experience, stable wired network
- 1*UHS-II SD/Micro SD card reader transfers high-definition video and vivid images at 312MB/s, and compatible with UHS-I devices
- 1*Combo 3.5mm mic/headphone jack for clear audio in and out