

Product Data Sheet

Wireless Presentation System

Overview

Black Box offers two wireless presentation products that enable you to use your wired projector as a high-end wireless projector.

Choose from the Wireless HDMI Presentation System (WHPS) or the Micro Wireless VGA Presentation Tool. Both models support VGA, while the Wireless HDMI Presentation System (AVX-HDMI-WI) also supports HDMI plus audio. The WHPS and the Micro Wireless VGA Presentation Tool (AVX-VGA-WI) conform to the 802.11 b/g/n wireless standard. The micro version provides everything you need for compact, on-the-go wireless projection. The WHPS also works as an access point, provides session security login, wireless WEP/WPA key, and Gatekeeper functions to protect presentation contents and maintain security in your office networks.

Basic Features

- Supports Windows® 8/7/XP/2000, and Windows Vista®.
- Supports Macintosh® (Mac®) versions 10.5 and above.
- Supports Apple® iPad®/iPhone® and Android® devices.*
- * With third-party software Wi-Fi-Doc.
- Plug and show. No installation required—just plug in the included token to a USB port and start your presentation in seconds.

AVX-HDMI-WI also:

- Features 4-to-1 screen projection. One projector functions as four projectors.
- Includes conference control. Allows moderators to streamline meetings.
- Supports high-performance screen projection with audio.
- Enables device management easily using SNMP manager.
- Supports AP Client mode, so you can deploy wireless networks in enterprise environments.
- Allows you to present Office files from your device using Wi-Fi-Doc.



Wireless HDMI Presentation System
(AVX-HDMI-WI)



Micro Wireless VGA Presentation Tool
(AVX-VGA-WI)

To compare wireless presentation devices, see the chart on the next page...

Wireless Presentation System/Tool Specification Sheet

Comparison Chart: Wireless Presentation

| | AC1132A* | AVX-HDMI-WI** | AVX-VGA-WI |
|----------------------|-------------------|--------------------------------------|-------------|
| Video Output | VGA | VGA + HDMI | VGA |
| Audio Output | Analog (Win Only) | Analog and HDMI (Win Only) | No |
| Maximum Resolution | 1280x800 | 1280x800 720p | 1280x800 |
| Computer OS | Win/Mac | Win/Mac | Win/Mac |
| Access Point Support | Yes | Yes | No |
| Black Box Branded | Yes | Yes | Yes |
| 4-to-1 Projection | Yes | Yes | Yes |
| 1-to-Many Projection | Up to 4 | Up to 4 | No |
| Full Screen Video | Not recommended | Better performance than other models | No |
| DHCP Server Options | Yes | Yes | Yes |
| Gatekeeper Options | Yes | Yes | No |
| Set Background | Yes | Yes | Yes |
| Wireless Standard | 802.11b/g/n | 802.11b/g/n | 802.11b/g/n |

NOTES:

* The AC1132A is a discontinued product.

** The AVX-HDMI-WI is the same as the AC1132A with HDMI now included.

AVX-HDMI-WI Technical Specifications

| | |
|--------------------------|--|
| Antenna | 2 Dipole |
| Approvals | CE: Yes; RoHS: Yes |
| Certificate | FCC, CE, NCC |
| Data Rate | Wireless: Up to 300 Mbps; LAN: 10 to 100 Mbps |
| Environmental Conditions | Operating temperature: 32 to 104° F (0 to 40° C); Storage temperature: 14 to 140° F (-10 to +60°C); Operating humidity: ≤ 90%; Storage humidity: ≤ 80% |
| Management | Web-based configuration, SNMP |
| Operating Systems | Windows XP/Vista/7/8; Mac OS 10.5 and above |
| Protocol | TCP/IP |
| Receive Sensitivity | 802.11b: 11M-76 dBm; 802.11g: 54M-67 dBm; 802.11n: 65M HT2064 dBm, 150M HT40-61 dBm |
| Resolutions | Output: VGA: SVGA (800 x 600), XGA (1024 x 768), WXGA (1280 x 800), WXGA+ (1440 x 900); HDMI: 720 p (1280 x 720); PC/Laptop: SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1024); WXGA (1280 x 768) WSXGA (1440 x 900, 1600 x 1024); UXGA (1600 x 1200); WUXGA (1920 x 1200); QXGA (2048 x 1536) |
| Standards | IEEE 802.11b/g/n (2.4 GHz), 802.3/3u (10BASE-T/100BASE-TX) |
| Transmission Power | 2 dBi |
| Wireless Security | IEEE standard 64, 128-bit WEP, WPA, WPA2-PSK |
| Wireless Frequency | 2.4 GHz |
| Wireless Range (Maximum) | 300 ft. (91.4 m) under optimum conditions |
| Connectors | Network: (1) RJ-45 (10BASE-T/100BASE-TX); Video: (1) HDMI F, (1) VGA F; Audio: (1) 3.5-mm jack (stereo); Antennas: (2) detachable 2-dBi external dipole on (2) SMA |
| Power | External adapter: 5 VDC; Input: 2.5 amps; Output: 5 VDC, 2.5 amps |
| Dimensions | 1.2"H x 6.3"W x 2.4"D (3 x 16 x 6 cm) |
| Weight | 0.7 lb. (0.3 kg) |

Dimensional diagram of the AVX-HDMI-WI.



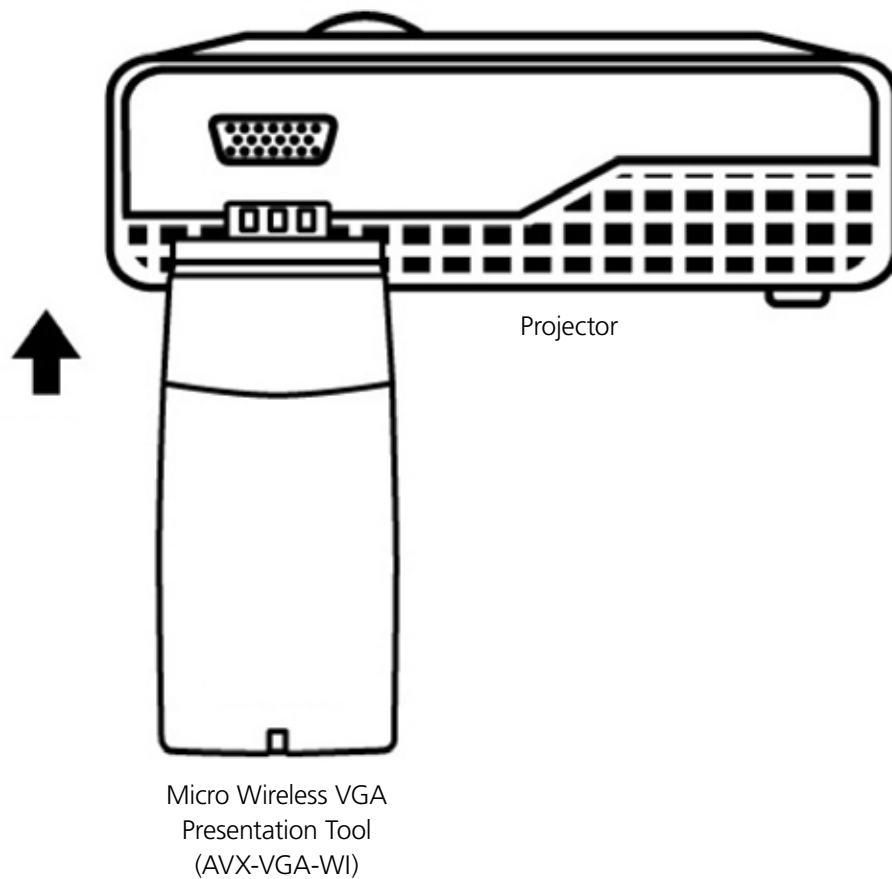
AVX-VGA-WI Technical Specifications

| | |
|---------------------|--|
| Approvals | FCC, UL® E199780 |
| IP Configuration | Automatic or manual (static) |
| LAN Type | AP mode |
| LAN Protocol | TCP/IP |
| Network Connection | Uses IEEE 802.11b/g/n 2.4 GHz, IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX) |
| OS Compatibility | Windows® 2000/XP/7/8, Windows Vista®, Windows Mobile 5 and later, Mac® OS X 10.5 or later |
| Screen Resolutions | 800 X 600, 1024 X 768, 1280 X 768 and 1280 x 900 |
| Wireless Channels | 11 |
| Wireless Encryption | IEEE standard 64/128 bit WEP/WPA/WPA2-PSK |
| Wireless Frequency | 2.4 GHz |
| Wireless Range | Up to 328 ft. (100 m) |
| Wireless Speed | 11 Mbps, 54 Mbps, 300 Mbps |
| User Controls | (1) Reset button |
| Connectors | (1) HD15 VGA, (1) power connector |
| Power | Source: Interface PoVGA (Power over VGA); Input Voltage: 100–240 V, 0.3 A, 50/60 Hz; Secondary Power: 5 VDC, 1.2 A |
| Dimensions | 3.75"H x 1.53"W x 0.88"D (9.52 x 3.89 x 2.24 cm) |
| Weight | 0.12 lb. (0.05 kg) |

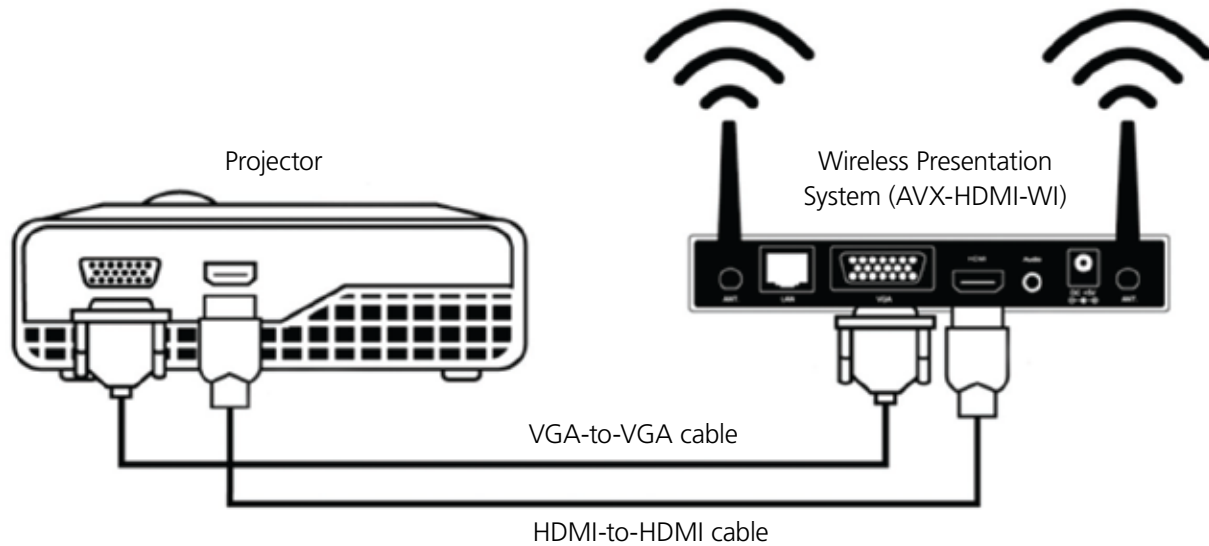
Dimensional diagram of the AVX-VGA-WI.



A typical application of the AVX-VGA-WI is shown below.



A typical application of the AVX-HDMI-WI is shown below.



NOTE: Only one cable can be connected at a time, either the VGA-to-VGA cable or the HDMI-to-HDMI cable.

Ordering Information

Wireless HDMI Presentation System (WHPS)

[AVX-HDMI-WI](#)

Micro Wireless VGA Presentation Tool

[AVX-VGA-WI](#)

Wireless Presentation System/Tool Specification Sheet

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