

DATA SHEET

MODENA™ HUB+

WIRELESS PRESENTATION HUB



Modena™ Hub+ is a wireless presentation hub that supports the new ways in which people are increasingly accustomed to working. Ideal for BYOD and BYOM spaces, Modena Hub+ allows participants to connect to meeting room AV equipment and USB accessories wirelessly, as well as enabling any participant to wirelessly receive its AV streams during a video conferencing session. Modena Hub+ supports most UC software and hardware devices, while enabling the user to wirelessly share content with other meeting participants. Modena Hub+ also connects to AV peripherals via USB and HDMI, and can support multiple USB devices via a standard USB hub or by connecting a Devio® SCR-20 or SCR-25.

FEATURES

- BYOM (bring your own meeting) allows users to enjoy Modena with any communications platform of their choice.
- Enjoy a client-free experience with your web browser
- Meet everywhere: with Modena Hub+, any place is a meeting room
- Enable a display to receive content by connecting a computer running the web or software client, or an Android dongle; or run the Android TV app directly on a smart TV
- All personal devices can send and receive presentations directly to the screen of participants' laptops, tablets, or mobile devices
- Configure Modena Hub+ for large teaching spaces and give everyone a perfect view using Auditorium mode, for up to 150 users
- Dual network capability separates guests from corporate wireless users for added security
- Covered by Biamp Systems' two-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

The wireless presentation hub shall be designed to connect web-based soft codec conferencing systems with in-room audio and video devices. It shall also allow multiple session participants to directly receive content from in-room audio/video devices on their compatible computing devices via the use of custom USB drivers. The wireless presentation hub shall connect to AV peripherals via a Universal Serial Bus (USB) connection using a standard USB 3.0 A-type connector. The wireless presentation hub shall be equipped with one High-Definition Multimedia Interface (HDMI) port on the rear panel. The wireless presentation hub shall connect to an Ethernet network via an RJ-45 connector to allow participants using client devices to join a shared session. The client devices shall operate using Windows, Mac OS X, iOS or Android operating systems and shall have installed the Modena Hub+ custom drivers and client software. The wireless presentation hub shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be 2 years. The wireless presentation hub shall be the Modena™ Hub+.

MODENA HUB+ SPECIFICATIONS

Modena Hub+ unit specifications:		Modena Client requirements:	
Wireless presentation resolution:	Up to HD 1080p@30fps	Desktop Client	
Wireless USB feed resolution:	Up to HD 720p@30fps	CPU:	Intel® i5 equivalent or faster
WiFi network interface:	IEEE 802.11ac/ a b g n 2.4/5 GHz antennas WPA2-PSK Authentication	Web browser:	Chrome™, Firefox™, Edge™
Wired network connection:	Ethernet RJ-45 port, 1000 Mbit/s	Windows® (presenter/viewer):	Windows 10 .NET® Framework 4.5; Microsoft® Direct3D
USB port:	USB 2.0/3.0	Mac OSX® (presenter/viewer):	Mac OSX 10.11 or higher
Media port:	HDMI	Mobile Client	
Wireless Access Point:		Android®:	Android 8 or higher
Power:	External power adaptor 12V DC	iOS®:	iOS 11 or higher
Overall Dimensions		Network	
Height:	2 inches (51 mm)	Minimum Bandwidth:	4 Mbps average / 15 Mbps peak per connected client (upstream when presenting; downstream when receiving)
Width:	6.3 inches (160 mm)		Additional 4 Mbps average / 15 Mbps peak for the videoconference host when using the Wireless USB feature
Depth:	5.2 inches (132 mm)	Wireless Connection:	2.4Ghz 802.11n compatible Wifi interface
Weight:	2.4 lbs (1.1 kg)		5Ghz 802.11ac compatible Wifi interface (recommended)
Environmental			Minimum distance between device(s) and access point: ~ 3 feet (~ 1 meter)
Ambient Operating Temperature Range:	32 - 104° F (0 - 40° C)	Signal Strength:	RSSI on connected devices: stable above -65dBm (recommended > - 60dBm)
Ambient Storage Temperature Range:	-4 - 140° F (-20 - 60° C)		SNR (RSSI - Noise) on connected devices: stable above 25dB (recommended > 35dB)
Humidity:	0-95% relative humidity (non-condensing)		
Altitude:	0-6,600 ft (0-2000m) MSL		

MODENA HUB+ REAR PANEL



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