

# Christie Brio

## Share more

Boardrooms

Classrooms

Conference rooms

Research labs

Study groups

Training rooms



## Working as a team has never been easier

In fast-paced business and academic environments Christie® Brio offers presentation and collaboration solutions that remove technical barriers to help business professionals, teachers and students easily share, discuss and contribute ideas. Bring group members together, with up to five computers, smart phones, or tablets, by wirelessly streaming content onto displays and channeling audio through a meeting room or classroom's sound system.

Groups can share content, edit in real time, save their work and capture action items for quicker follow-up - avoiding the challenges of traditional collaboration sessions. With Christie Brio solutions, teammates make decisions quickly and focus on what matters most. Participants are freed from the constraints of meeting rooms, traditional classrooms and cumbersome equipment, while having the option to collaborate virtually across locations.

**CHRISTIE®**



## The Christie Brio family

Christie® Brio is available in three different versions. With similar user interfaces and control protocols, all three versions of the Christie Brio family provide an integrated, collaborative user experience.



### The Christie Brio family

#### Christie Brio Enterprise

Even in our digital age, information sharing beyond a single room has typically involved only a single source at a time, eliminating one of the key benefits of business and academic teamwork: being able to synthesize multiple sources of data into a single solution. When you need to collaborate securely and share high-quality content between multiple locations, Christie Brio integrates smoothly into a local area network for access to Internet and network services. Any content from devices connected to Christie Brio units can be shared across all the displays in the same meeting, classroom or lab. Regardless of geographic locations, everyone sees the same information at the same time. Christie Brio processes high-quality video with sources playing at full 1080p with HDCP support. It can also support future wireless transmission protocols by connecting a receiver to a wired input.

#### Christie Brio Team

Simple to access and no training required, Christie Brio Team is targeted at classrooms, labs, team rooms, huddle spaces and study areas. Individuals can quickly connect to the Brio unit or WLAN and wirelessly share information with group members in the same room. Featuring integrated Wi-Fi® and AirPlay receivers, Brio Team requires no additional drivers and has no external dongles to buy, break or lose.

#### Christie Brio Team+

In addition to all the advantages of Christie Brio Team, Christie Brio Team+ DVI inputs offer the advantage of displaying original video content at native resolutions, and support output sources of up to 2560 x 1600 at 30Hz or 1920 x 1080 at 60Hz with HDCP. Like Brio Team, the Brio Team+ unit has an integrated wireless access point (WAP).

| Differentiating feature <sup>1</sup> | Christie Brio Enterprise | Christie Brio Team | Christie Brio Team+ |
|--------------------------------------|--------------------------|--------------------|---------------------|
| Integrated wireless access point     |                          | •                  | •                   |
| Physical video inputs                | •                        |                    | •                   |
| Physical analog audio inputs         | •                        |                    | •                   |



◀ Christie Brio Team allows team members to connect and share easily in the same room.

<sup>1</sup> All other features are the same across Brio units as noted on the following page.



### Support a BYOD environment

Today's business and education environments rely on secure information sharing while offering flexibility in an individual's device choice. For academic teams and businesses to succeed, they require the most supportive and enabling technology on the market to allow them to use their own network-connected devices. Many of these devices are not standard issue, and yet may be used for gathering, developing and sharing information and ideas.

Creating an infrastructure that allows all of these devices to network in a common session is an ongoing challenge for IT managers. By using wireless connection and communication protocols that are already part of the operating system, Christie® Brio enables real-time screen mirroring from participants' Microsoft®, Apple, or Android™ computers and devices without installing custom drivers.

Check out Christie Brio for your next collaboration session and start sharing more.



▲ Christie Brio enables quick, straightforward collaboration.



## Christie Brio value-added features

### Automatic content layouts

Effortlessly display content using Christie® Brio. Simply connect to a Brio unit and your content will be automatically placed and scaled on the classroom or meeting room display, maintaining your content's aspect ratio and resolution.

### Simple session management

Reduce time spent on logistics and get your collaborative session started quickly. While not required for standard operation, Christie Brio solutions offer session moderation through a user interface that can be accessed from the touch-enabled meeting room panel or from any web browser. The user interface rearranges source layouts, controls audio, opens up whiteboard sharing, enables remote collaboration and more advanced functions. You can also remove sources from the display without disconnecting the sources. The interface may be password protected to prevent unauthorized use.

### Whiteboard

If you're looking for the most interactive collaboration experience, Christie Brio turns touch panels into interactive whiteboards, allowing participants to add to or edit an image using various writing and drawing tools.

As ideas come together, participants can map a new solution, highlight action points on the fly, edit diagrams or sketch out a project design. Unique to the Christie Brio family is its ability to share the same whiteboard in real time among participants, in the same or in different locations. The whiteboard is also available through a browser window on a contributor's personal device. Users can write or sketch on the shared whiteboard, upload and annotate images or save the end result back to their personal device for later use.

### Annotation

Get everyone on the same page with shared annotation. Similar to the whiteboard feature, Brio also enables annotation over any displayed content, including video. The end result may be saved as an image for later use.

### Audio

Christie Brio solutions connect to a classroom or meeting room's sound system using standard jacks. Presentation audio is streamed through the wireless protocol and may be connected to Brio through physical inputs. Participants are able to focus on the topic being discussed rather than straining to hear audio from computer or device speakers.

Each element of Christie Brio solutions was designed with the user in mind - from device connection to viewing content in-room or across locations.



|                                       | Christie Brio Enterprise and Team+   | Christie Brio Team  |
|---------------------------------------|--|---|
| <b>Outputs</b>                        | • 2 DisplayPort: Up to 2560 x 1600 pixels per output   |   |
| <b>Inputs</b>                         | <ul style="list-style-type: none"> <li>• 2 DVI-D: Support for up to 2560 x 1600 pixels per input (wired connection)</li> <li>• Up to 5 video sources from 640 x 480 to 1920 x 1080 encoded to H.264</li> <li>• 2 analog 3.5mm stereo audio</li> <li>• Up to 5 audio encoded streams to H.264</li> <li>• Support for HDCP (High-bandwidth Digital Content Protection)</li> <li>• 4 USB ports</li> </ul>   | <ul style="list-style-type: none"> <li>• Up to 5 video sources from 640 x 480 to 1920 x 1080 encoded to H.264</li> <li>• Up to 5 audio encoded streams to H.264</li> <li>• 4 USB ports</li> </ul>   |
| <b>Network</b>                        | <p>Christie Brio Enterprise</p> <ul style="list-style-type: none"> <li>• Gigabit Ethernet: 1000 Mbps Ethernet, RJ-45 connector. Support for IGMPv2, IPv4, RTSP, SRTP, HTTP, TCP/IP</li> </ul> <p>Christie Brio Team+</p> <ul style="list-style-type: none"> <li>• Internal 2.4 GHz wireless access point</li> <li>• IEEE 802.11 a/b/g/n standard</li> <li>• 2Tx/2Rx MIMO</li> <li>• Up to 300 Mbps data rate</li> <li>• 64/128/152 bit WEP, WPA, WPA2, 802.1x, AES &amp; TKIP</li> </ul>   | <ul style="list-style-type: none"> <li>• Internal 2.4 GHz wireless access point</li> <li>• IEEE 802.11 a/b/g/n standard</li> <li>• 2Tx/2Rx MIMO</li> <li>• Up to 300 Mbps data rate</li> <li>• 64/128/152 bit WEP, WPA, WPA2, 802.1x, AES &amp; TKIP</li> </ul> |
| <b>Protocols supported</b>            | <ul style="list-style-type: none"> <li>• Airplay</li> <li>• MS network projector</li> <li>• Brio screen projector (for use with MS Windows or Android devices)</li> </ul>  |   |
| <b>Encoding</b>                       | <ul style="list-style-type: none"> <li>• 2 high-definition DVI-D inputs to L5 H.264 video streams @ 30 FPS</li> <li>• 2 stereo audio streams</li> </ul>  |   |
|                                       | <ul style="list-style-type: none"> <li>• Up to 5 high-definition L5 H.264 video streams @ 30 FPS</li> <li>• Support for variable bitrate</li> </ul>  |   |
| <b>Decoding</b>                       | <ul style="list-style-type: none"> <li>• Up to 5 high-definition network video streams @ 30Hz</li> </ul>   |   |
| <b>Sound pressure (0.5m distance)</b> | <ul style="list-style-type: none"> <li>• 40.7dBA max • 39.2dBA max</li> </ul>  |   |
| <b>Power</b>                          | <b>voltage range</b>   | • 100-240VAC (auto-ranging power supply)  |
|                                       | <b>current</b>   | • 2-4A (max) • 2A   |
|                                       | <b>power consumption</b>   | • 220W (max) • 120W (max)   |
|                                       | <b>dissipation</b>   | • 750 BTU/hr (max) • 410 BTU/hr (max)   |
| <b>Physical</b>                       | <b>size</b>  | <ul style="list-style-type: none"> <li>• (WxHxD): 17.40 x 1.74 x 9.5" (442 x 44 x 241mm)</li> <li>• (WxHxD): 8 x 1.9 x 8.9" (204 x 49 x 252mm)</li> </ul>   |
|                                       | <b>chassis</b>   | • 1U form factor  |
|                                       | <b>mounting</b>  | <ul style="list-style-type: none"> <li>• Optional rack ears</li> <li>• Optional under table mount</li> <li>• Optional VESA "sandwich" mount</li> </ul>  |
|                                       | <b>weight</b>  | • 6.5lbs (2.95kg) • 2.8lbs (1.27kg)   |
| <b>Reliability</b>                    | <ul style="list-style-type: none"> <li>• MTBF&gt;50,000 hours for major modules</li> </ul>   |   |
| <b>Regulatory</b>                     | <ul style="list-style-type: none"> <li>• CAN/CSA C22.2 No. 60950-1</li> <li>• UL 60950-1</li> <li>• IEC 60950-1 emissions</li> <li>• FCC CFR47, Part 15, Subpart B, Class A -unintentional radiators</li> <li>• EN55103-1 Class A audio, video, audio-visual equipment emission; EN55103-2 audio video, audio-visual equipment immunity; EN61000-3-2, EN61000-3-3</li> <li>• Directives: (EC) 2011/65/EU (RoHS); 2012/19/EU (WEEE)</li> <li>• Regulation: (EC) No. 1907/2006 (REACH)</li> <li>• Certification marks (check with Christie for latest update): cULus (Canada &amp; US), CE (EU), CCC (China), Saudi Arabia, South Africa, Ukraine, Mexico, GoST-R (Russia) and/or Customs Union which includes Belarus, Kazakhstan, Russia, KC (Korea), S-Mark (Japan), C-Tick (Australia &amp; New Zealand) Taiwan</li> </ul> |   |
| <b>Manufacturing location</b>         | <ul style="list-style-type: none"> <li>• Designed, manufactured and tested by Christie Digital Systems USA, Inc.'s facility in Phoenix, Arizona, USA</li> </ul>  |   |
| <b>Warranty</b>                       | <ul style="list-style-type: none"> <li>• Limited two years parts and labor</li> </ul>  |   |

▲ Christie Brio allows you to synthesize multiple sources of data.

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For the most current specification information, please visit [www.christieemea.com](http://www.christieemea.com)

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