

Overview

The Ashton Bentley **interface™** is a connectivity hub placed at the table, allowing all signals to be transmitted via a single Cat6 cable to the **abox™** system processor (located with the display).

Also capable of receiving control signals from the **abox™**, and linking to a network over the same single Cat6 cable.

The **abox™** and **interface™** combination provides all the functionality and control required for complex, fully featured audio visual systems.

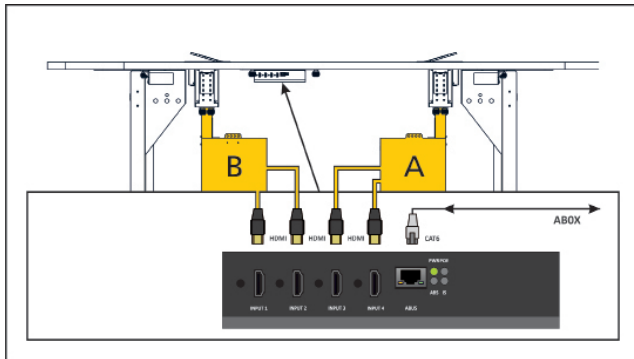


Key Features

- Single point of connectivity for all devices at the table
- Single Cat6 cable to send/receive signals from **abox™**
- No local power required (powered from **abox™** over the single Cat6 cable)
- Integral processor for semi-automated operation
- Small form factor for ease of installation under the table surface

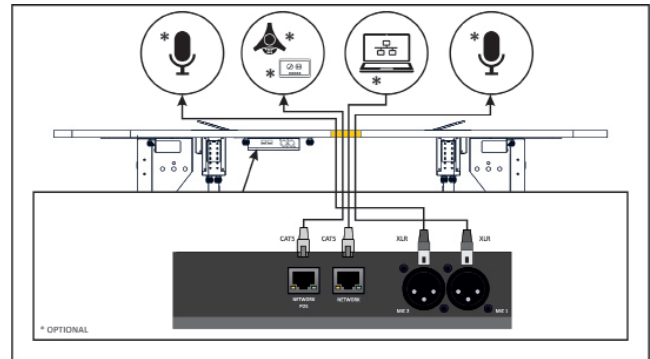
Connectivity at the Table

Laptop inputs:



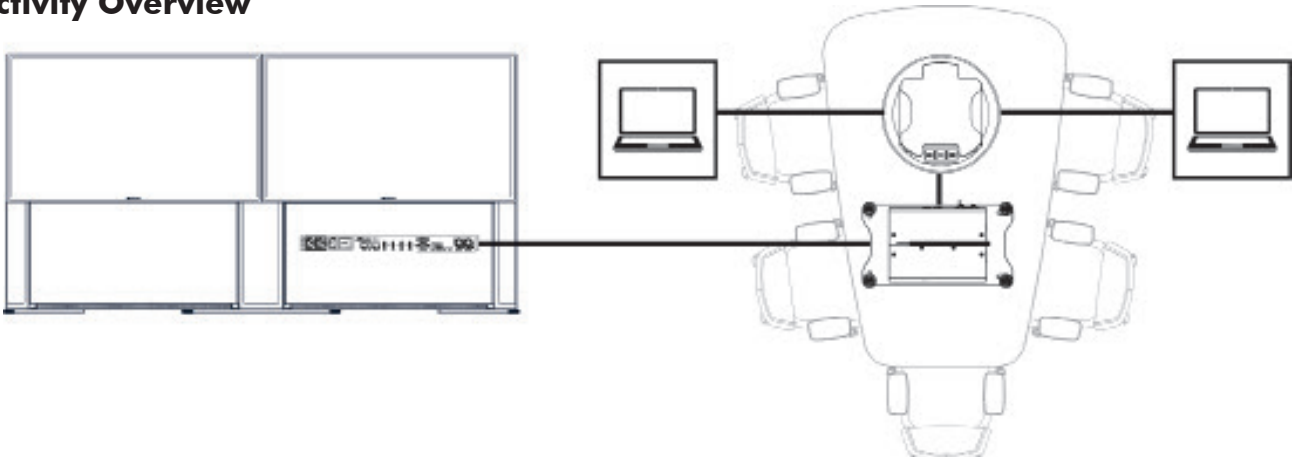
- 4 Laptop inputs on retractors
- Any combination of VGA*, HDMI, DisplayPort*, Mini DP* & USB-C* *Connect to interface via AB active conversion cables with HDMI plug (captive screw fixings)

Additional inputs:



- 2 x Microphone (XLR) (balanced).
- Network port with PoE for conference phone/touchpanel
- Network Port for local device (laptop/tablet)

Connectivity Overview



Connectivity

The diminutive **interface**™ is an intelligent powerful connectivity hub that provides all signals and communication from the table to the **abox**™ system processor housed with the displays in the main system.

All audio/video and control signals are processed by the **interface**™ and sent over a single Cat6 cable to the **abox**™.

Allowing for up to 4 laptops to be connected via retractors in our table boxes, where input selection is made via a simple button panel.

The full connectivity is shown below:

Side 1 Connectivity



Connectors read left to right

- USB Service port
- **abus**™ link to AB table boxes (max 2)
- USB Device
- USB Host

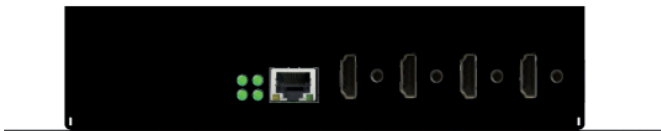
Side 2 Connectivity



Connectors read left to right

- 2 x Microphone XLR inputs (balanced)
- Network port with PoE
- Network port

Side 3 Connectivity



Connectors read left to right

- Single Cat6 to **abox**™
- 4 Laptop inputs* with captive screw fixings

*VGA, DisplayPort, Mini DisplayPort and USB-C video via AB active conversion cable retractors

Ashton Bentley Collaboration Spaces Limited
23 Schooner Court, Darford, Kent, DA2 6NW,
United Kingdom

+44 (0)207 100 1200
info@ashtonbentley.com
www.ashtonbentley.com



MADE IN
BRITAIN



Audio

- HDMI embedded audio
- Flexible routing matrix with programmable level controls
- Microphone (balanced) inputs with phantom power

Video Matrix

- Frequency Range: 25MHz - 600 MHz (VGA/480p - 4K2K60)
- Compliant to HDMI 1.4 and HDMI 2.0 specifications
- Output to **abox™** via single Cat6 cable

Video Inputs

- 4 laptop inputs
- (Any combination of HDMI, VGA, Display Port & Mini DP)
- Inputs have integrated equaliser for improved signal integrity
- Signal auto sensing on all inputs
- Ashton Bentley **'PowerDrive™'** (technology to drive AB peripherals on HDMI inputs)
- Ashton Bentley signalling on all HDMI inputs
- HDCP active blocker, to remove HDCP issues with VC codecs
- Automatic EDID control to match AB connected display

Control

- Integral control processor
- **abus™** expansion bus for table box button panel

USB

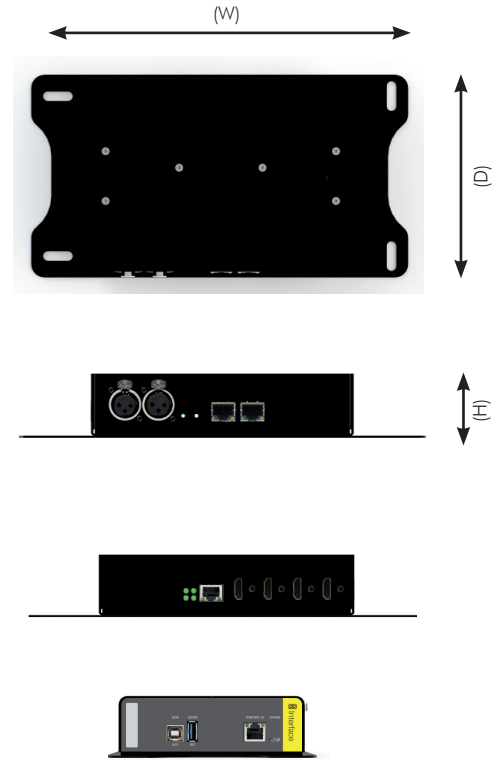
- USB 2.0 passthrough to table Interface™ (Host or Device mode)
- Micro USB service port

Ethernet

- Integral 100BaseT Ethernet switch with interfaces for:
 - Network port with PoE (via RJ45 connector)
 - Additional network port (via RJ45 connector)
 - Passthrough to AB **abox™**

Power

- Powered from the Ashton Bentley **abox™** over the single CAT6 cable
- Power over Ethernet port for 3rd party touch panel or conference phone
- **abox™** expansion bus for table box button panel
- Phantom power for microphones



Mechanical Data

- Overall Dimensions (H) 44.5mm (1.75")
(W) 282.0mm (11.10")
(D) 152.0mm (5.98")
- Product Shipping Weight 1 kgs

Environmental

- Operating Temperature Range 0 – 45 degrees C
- Operating Humidity 10% to 90% non condensing

General

- Warranty 3 Year