



CRESTRON UC-B70-A-Z Flex Large Room Conference Solution Instruction Manual

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CRESTRON UC-B70-A-Z Flex Large Room Conference Solution



Product Information

Specifications

- Model: M202108007
- Product Name: Crestron Videobar 70
- Screen Size: 10.1 inches
- Mounting: Suitable for sheetrock walls up to 1/2 inch (13 mm) thickness
- Camera Height: Approximately 12 inches (305 mm) above the conference table

Product Usage Instructions

Mounting the Crestron Videobar 70

1. Attach the template to the desired mounting location with the center reference line aligned.
2. Drill two pilot holes on each side of the center reference line using a 5/16 inch drill bit.
3. Use a drywall saw to create a cutout in the wall for Videobar 70 cables.
4. Install the four included anchors and screws into the drilled pilot holes.

Connecting and Configuring

1. Connect the touch screen's PoE injector for simple installation.
2. Connect displays to the video bar.
3. Connect a laptop to the video bar.
4. Configure microphone and speaker settings on the touch screen.
5. Apply power to all devices in the setup.

Log In to Zoom Rooms

1. Tap "Touch Here to Enable a Specific Application" on the screen.
2. Select "Zoom Rooms" and confirm to reboot the touch screen.
3. Enter the pairing code displayed on the screen to pair the touch screen.
4. Enter the activation code provided by the administrator to activate Zoom Rooms.
5. Enter Zoom Room credentials and sign in.

FAQ

- **Q: What tools are required to mount the Crestron Videobar 70?**

A: You will need a drill with a 5/16 inch bit, drywall saw, and the included mounting hardware template.

- **Q: How should I position the camera for optimal viewing results?**

A: The camera should be approximately 12 inches (305 mm) above the plane of the conference table.

- **Q: How do I pair the touch screen with the Videobar 70?**

A: Enter the pairing code displayed on the screen and follow the on-screen instructions to complete the pairing process.

The UC-B70-A-Z Crestron Flex tabletop conferencing system provides a medium to large room video conference solution for use with Zoom Rooms® software. The UC-B70-A-Z features a 10.1 in. tabletop touch screen, Crestron Videobar 70 with intelligent high-definition video and audio, a PoE injector, and cables. The UC-B70-A-Z also supports up to three video displays (not included).

The latest firmware must be loaded onto the touch screen prior to:

In the Box

- Tabletop Touch Screen Device
 - 10.1 in. Tabletop Touch Screen 1
 - (6510821) Grommet, Cable, Closed 1
 - (2055455) Grommet, Cable, Open 1
- **Smart Soundbar and Camera**
 - Crestron Videobar 70 1
- **Additional Items**
 - Cable, CAT5e, RJ-45 – RJ-45, 7 ft (2.1 m) 1
 - (6509924) Cable, CAT6a, RJ-45 – RJ-45, 20 ft (6.1 m) 1
 - (6507640) Cable, HDMI® 2.1, 6 ft (1.8 m) 1
 - (6512150) 1

Mount Devices

Mount the Crestron Videobar 70

- **Mount on a Wall**

The Videobar 70 includes anchors that are suitable for mounting it on sheetrock walls up to 1/2 in. (13 mm) thickness. Masonry and

NOTES:

- For optimal viewing results, Videobar 70 should be mounted in a location that places the camera approximately

12 in. (305 mm) above the plane of the room's conference table.

- When mounting on a wall beneath a display device, leave 3/4 in. (19 mm) (minimum) clearance above the top of Videobar 70. Use the included template to allow for sufficient
- **NOTE:** When mounting on a wall beneath a display device, leave 3/4 in. (minimum) clearance above the top of Videobar 70. Use the included template to allow for sufficient clearance between.

Videobar 70 and display device.

The following tools are required to mount Videobar 70:

- Drill with 5/16 in. bit (not

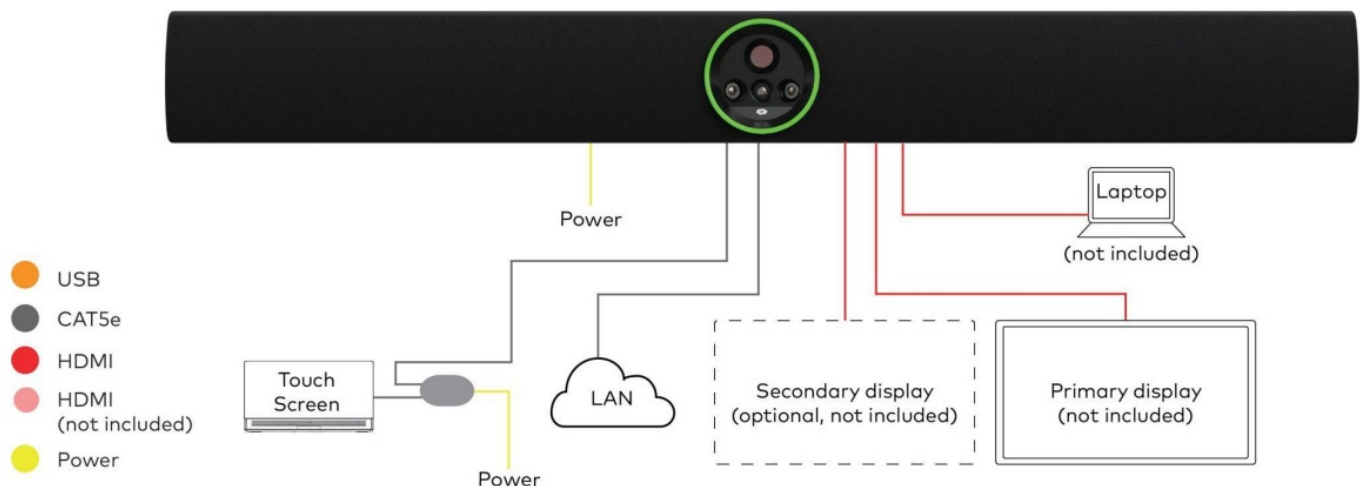
A template is included to provide drill hole locations for the included mounting hardware.

1. Attach the template to the desired mounting location with the template's center reference line at the center of the desired location.
2. Drill two pilot holes on each side of the center reference line.
3. Each side should have one pilot hole drilled in each row of the template.
4. Use a drywall saw to make a cutout in the wall for Videobar 70 cables.
5. The cutout in the center of the template provides adequate access for all of the required cabling.
6. Install the four included anchors and screws into the drilled pilot holes.

NOTE: The included power pack's cord is typically routed from the wall opening, through the cable cutout.

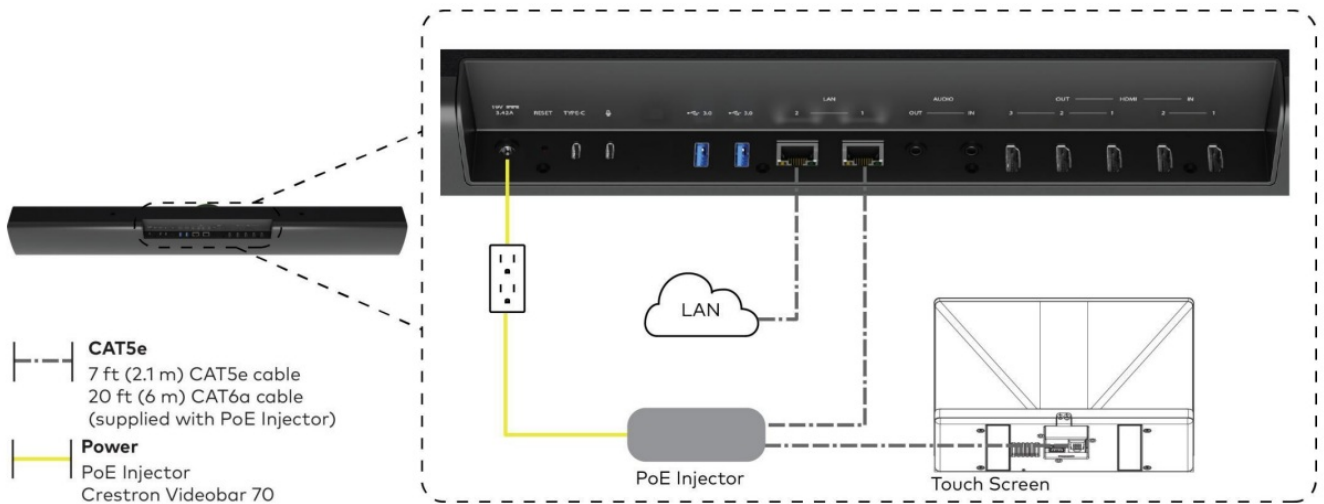
Connect

System Overview

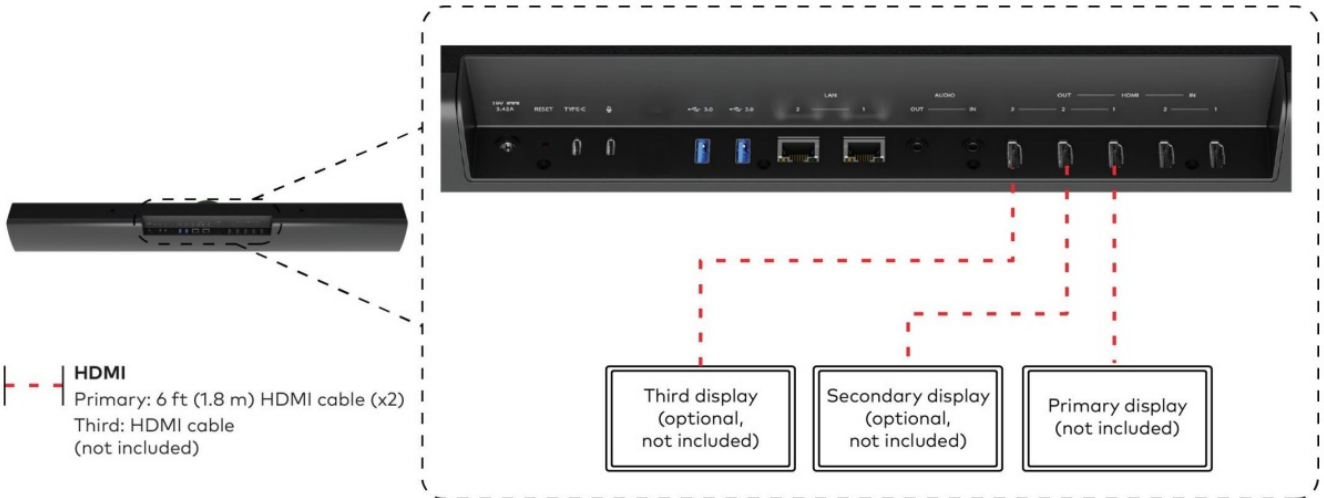


Software

1. Make a direct connection for simple installation and setup by connecting the touch screen's PoE injector.



2. Connect displays to the video.



3. Connect a laptop to the video.



HDMI OUT1:5V 1A
HDMI OUT2:5V 1A
HDMI OUT3: 5V 1A
type-C(ADB): Type-C port is only used for data transmission and has no output function
type-A USB1: 5V 1A
type-A USB2: 5V 1A

Configure

Apply power

Apply power to the video bar and all of the other devices in the system. The connected display device will show a

pairing code.

Log In to the Zoom Rooms

1. Tap Touch Here to Enable a Specific Application on the bottom of the screen. A list of applications is displayed.
2. Tap Zoom Rooms and then tap Confirm. The touch screen will reboot.
3. Enter the pairing code shown on the display to pair the touch screen with the UC Engine.
4. The Zoom Rooms controller app is:

Activation Code:

- **a.** Tap Enter Activation Code.
- **b.** Enter the 16-digit activation code provided by the administrator to activate the Zoom Room that is assigned to the activation code. The Zoom Rooms Conference Room screen is shown on the display.
- **c.** Tap Sign In.
- **d.** Enter the Zoom Room credentials and tap Sign In.

Select the conference room name from the list and tap Next. The Zoom Rooms Conference Room screen is shown

5. Tap Settings. If a password is required, enter the password (the default password is "1234").
6. Tap Microphone and select the videobar as the source.

Configure the System

Connect a USB keyboard and mouse (sold separately) to a USB port on the video bar to configure system features.

Additional Information

Original Instructions

The U.S. English version of this document is the original instructions. All other languages are a translation of the original instructions.

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www.crestron.com/legal/software_license_agreement.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, visit

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FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Federal Communication Commission (FCC) Radiation Exposure Statement

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

FCC ID: EROM202108007

IC Statement:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

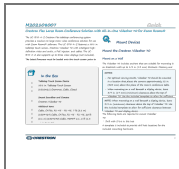
- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Radiation Exposure Statement:




This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

IC: 5683C-M202108007



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References

-  [Patents \[Crestron Electronics, Inc.\]](#)
-  [Software License Agreements \(Embedded Software and Software Tools\) \[Crestron Electronics, Inc.\]](#)
-  [Open Source Software \[Crestron Electronics, Inc.\]](#)
-  [Standard Terms & Conditions and Warranties \[Crestron Electronics, Inc.\]](#)
-  [Zoom Rooms and Workspaces Support - Zoom Support](#)
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