

Verb Active Media Table

Understanding + Integration Guide



What's Inside

The Verb Active Media Table is highly configurable and adaptable based on the unique needs and preferences of a learning environment. The following pages illustrate different configuration solutions and provide necessary technical information for successful integration.

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Introducing Verb Active Media Table

Support Active Learning at Scale

Verb Active Media Table complements the existing Verb collection, and is specifically designed to stimulate communication and collaboration while supporting different modes in large active classrooms or corporate settings—from lecture to co-creation to sharing and more. Monitors can be easily raised or lowered for seamless transitions as individuals move between discussion, presentation and group modes.

Collaboration in Versatile Spaces

The Verb Active Media Table serves the diverse collaboration needs of individuals in ancillary spaces as well. Quick meet-ups in in-between spaces, project check-ins in libraries and group reviews in enclaves are simple and more productive with Verb's seamless media support.

Tailored Technology Solutions

Technology is constantly evolving, and it's important that furniture can support the changes. By being technology-agnostic, Verb Active Media Table supports institutions' and corporations' specific technology strategies. The media well—located directly below the monitor lift—accommodates a range of solutions, so customers can integrate their preferred technology and audiovisual components, allowing media tables to be as sophisticated or as simple as desired.

TABLE FEATURES

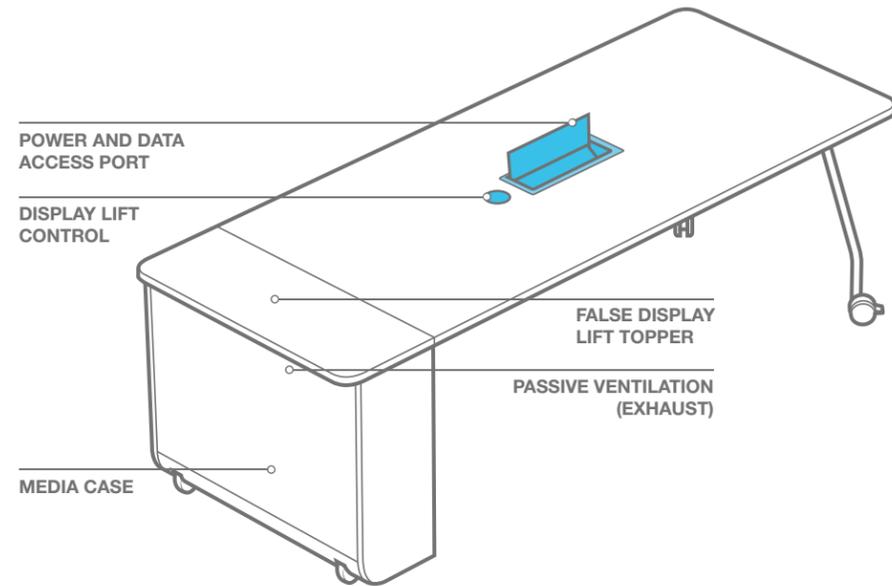
Every Verb Active Media Table is equipped with:

- Display lift with the option for relay or local control
- Universal flat display mount
- Capacity to host monitors between 29.32" and 38.32"
- Customizable power and data access port to connect devices
- Space to mount additional equipment within the media case or underneath the worksurface
- Built-in cable management
- Heavy-duty wheels for ease of movement
- Analog whiteboard storage

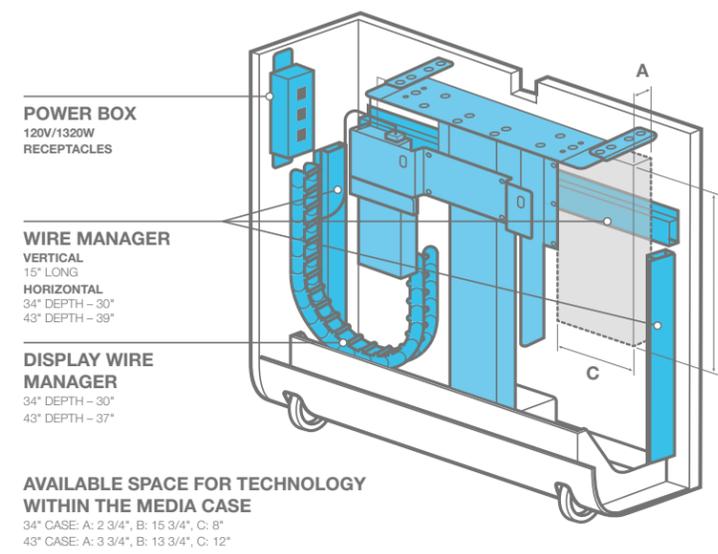


Components

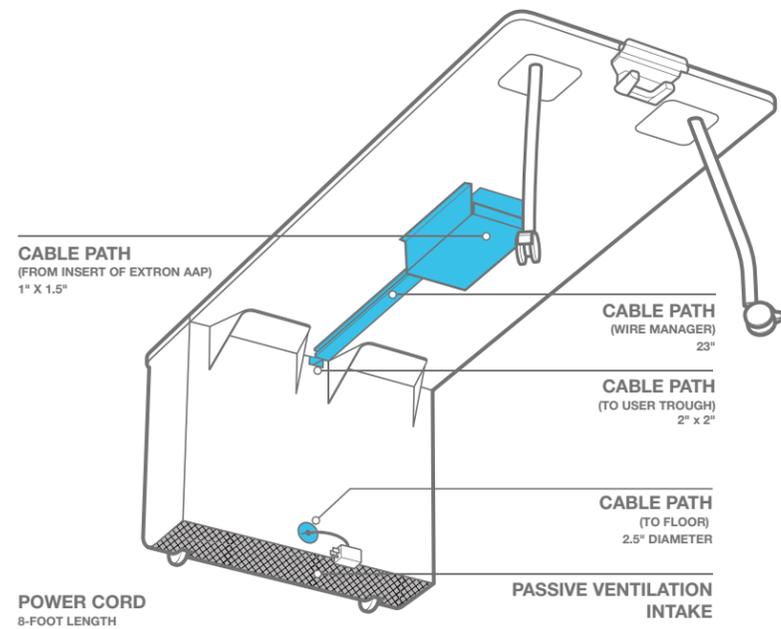
TOP (REAR)



MEDIA CASE (REAR)



BOTTOM (FRONT)



POWER AND DATA ACCESS PORT

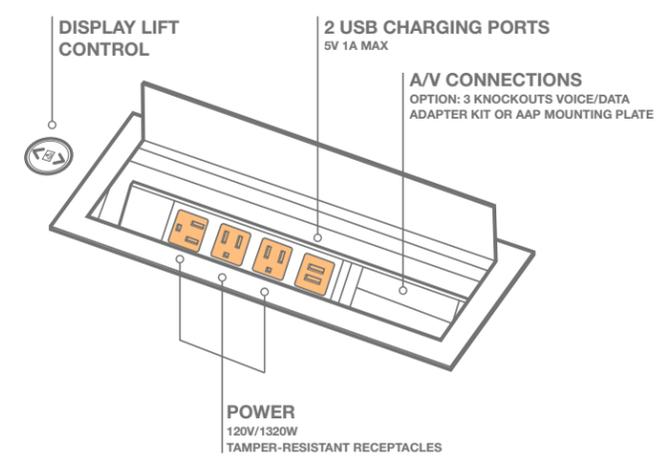


Table Arrangement Thought-Starters

Verb Active Media Table can be configured to meet the specific needs of different types of spaces. Below you'll find suggested table arrangements for unique purposes in various environments.



IM#: 21-0166718

Standalone Table

Collaboration doesn't always happen in large group settings. Sometimes a small group meets within the context of a larger one, but it can also happen in hallways, libraries and in-between spaces. A standalone configuration can be as tech-savvy or simple as desired, and gives users the option to use the table with or without media.

Multiple Tables with Synchronized Lift Control

In some instances, it's ideal for the presenter to have control over the monitor lifts and the content shared, particularly during lectures. This option gives the presenter choice and control over the raising and lowering of lifts, offering clear sightlines to what's being presented.

Multiple Tables with Synchronized Lift and Dynamic Content Control

For any mode—group share, co-creation or lecture—this configuration dramatically enhances the learning and collaboration process by improving connections between users, presenters and content. Individuals can be immersed in content with plenty of workspace for tools, technology, materials and information.

When using a remote for lift control, the operator should always be in view of the students and furniture to ensure safety.

THREE MODES OF LEARNING

Group Share

In group share mode, the instructor controls all of the displays to quickly and seamlessly share group content or other material with the entire class at any time.

Co-Create

Students share and co-create digitally in this mode. The instructor's content can be displayed on a large monitor for the entire class while each group's content is shown at its individual table.

Lecture

In lecture mode, the instructor controls all displays and can present content to students from anywhere in the classroom.

Integrating Technology

Getting Started

To successfully complete the professional installation, commissioning and testing of the audio/video systems associated with Verb Active Media Table, we recommend that you contract a commercial audiovisual engineer to ensure codes, compliance, safety and warranties are in order. Additionally, you may want to consider bringing in a network administrator to assist with more complex systems.

The following sections will describe the components of the Verb Active Media Table along with high-level suggestions on how to connect and configure both simple and complex Verb Active Media Table systems.

Specify Displays

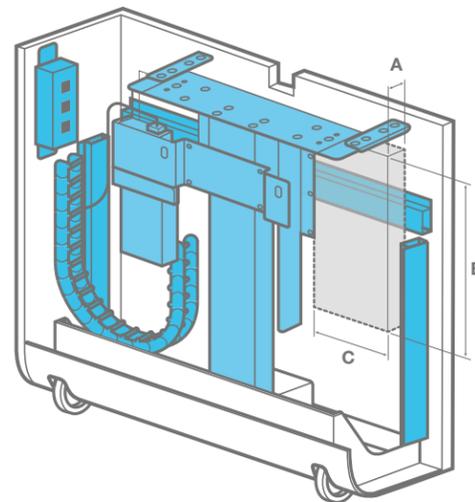
Any wall-mountable flat panel display that supports the display requirements below can be used with the Verb Active Media Table. However, we recommend you choose commercial displays that offer a three-year warranty and 16 x 7 operation and button/input lock features.

34" table max. monitor size	Width: 29.32" (744.7 mm) Height: 21.20" (538.5 mm) Depth: 3.50" (88.9 mm)
43" table max. monitor size	Width: 38.32" (973.3 mm) Height: 22.22" (564.4 mm) Depth: 3.65" (92.7 mm)
Maximum weight capacity	40 lb
Universal mounting patterns accommodates standard VESA mounts:	75 mm x 75 mm 100 mm x 100 mm 200 mm x 100 mm 200 mm x 200 mm

Additional mounting patterns can be accommodated with VESA adaptor plates (not supplied)

Wireless Connectivity

Wireless content sharing devices may also be installed within the media case to allow users to wirelessly share content.



AVAILABLE SPACE FOR TECHNOLOGY WITHIN THE MEDIA CASE
34" CASE: A: 2 3/4", B: 15 3/4", C: 8"
43" CASE: A: 3 3/4", B: 13 3/4", C: 12"

Specify User Connections

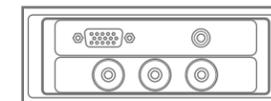
There are two options to install wired user connections. The Byrne Ellora® in-surface power and data access port comes with either a voice/data adapter kit or an Extron AAP plate as an option.

VOICE/DATA ADAPTER KIT (INCLUDED)

The adapter kit allows mounting A/V and data connections using the accessory cables and adapters found at www.byrne.com/data. Up to three adapters can be mounted within the power and data access port.

EXTRON AAP MOUNTING PLATE (OPTIONAL)

- The mounting plate supports the Extron AAP modules within the Byrne Ellora® in-surface Power and data access port.
- Up to two Extron AAP modules can be installed within the power and data access port.
- This optional adapter plate must be ordered with the Verb Active Media Table and is not sold separately; however, Extron AAP modules can be purchased by authorized Extron resellers.
- More information about Extron AAP modules can be found at www.extron.com.



OPEN ARCHITECTURE

Tables accommodate a range of technology that can be securely mounted to the media case and powered by power receptacles within the case. Customers are responsible for bringing and integrating technology and audiovisual components with the table and monitor lift.



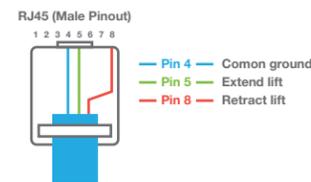
How to Control Display Lift

Controlling Display Lift

The display lift can be controlled by any dry contact-closure (e.g., relay, momentary push-button).

CABLING AND PINOUT OPTIONS

Contact closure cable is not provided with the display lift, but a custom-length cable can be terminated in the field in accordance with the following pinout:



CONNECTING TO THE DISPLAY LIFT CONTROL BOX

Connect the RJ45 to port A1 or A2 on the display lift control box. The other end of the cable will terminate to two contact closures on your control system or push-buttons.



Lift control box

CONTROLLING EXTENSION & RETRACTION

Extend Lift: Short Pin 5 (Extend Lift) to Pin 4 (Ground)
Retract Lift: Short Pin 8 (Retract Lift) to Pin 4 (Ground)

A momentary pulse of at least 750ms is required for reliable operation.

LIMITING THE HEIGHT OF THE LIFT EXTENSION

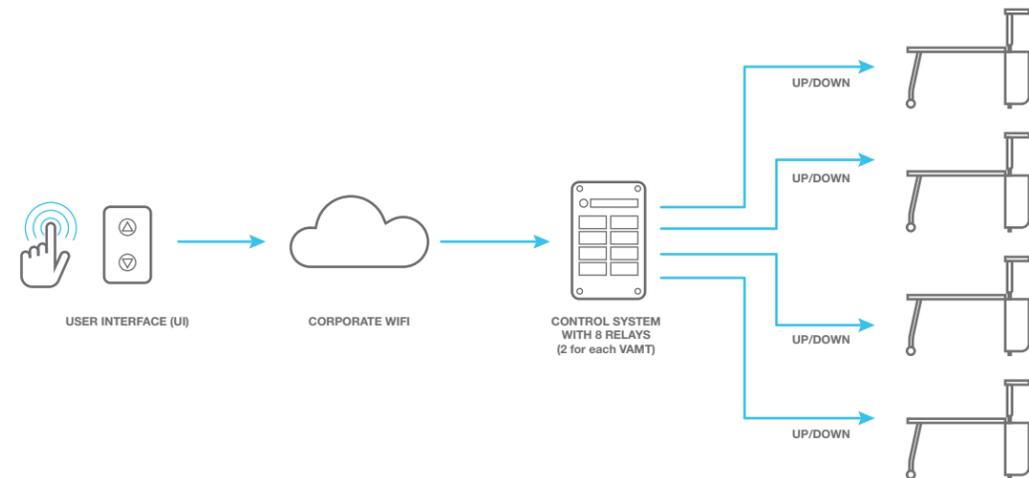
1. Unplug the height limit insert from the lift control box.
2. Pulse the extend lift contact closure to extend the lift.
3. While the lift system is rising, pulse the retract lift contact closure to stop it at the desired height.
4. Plug the height limit insert back into any available RJ45 port on the lift control box to save the setting and return to normal operation.



Height limit insert

Synchronizing Multiple Display Lifts

If the goal is to make all the Verb Active Media Table display lifts go up and down at the same time, we recommend using a control system with two relays for each Verb Active Media Table—one for up and one for down.



How to Connect and Share Content

Standalone Table

Single HDMI Connection

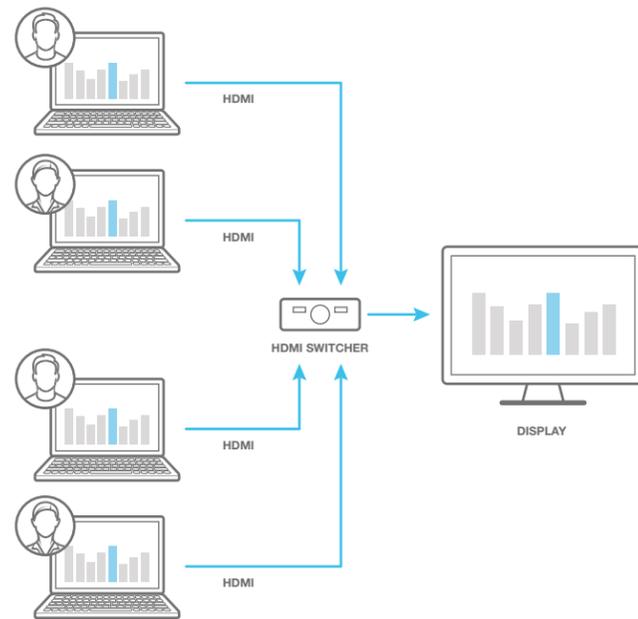
A user who wants to view only a single laptop needs only a simple HDMI connection directly to the display. In this configuration, you can use the empty Voice/Data Adapter slots for network or additional USB charging.



2 – 4 HDMI Connections

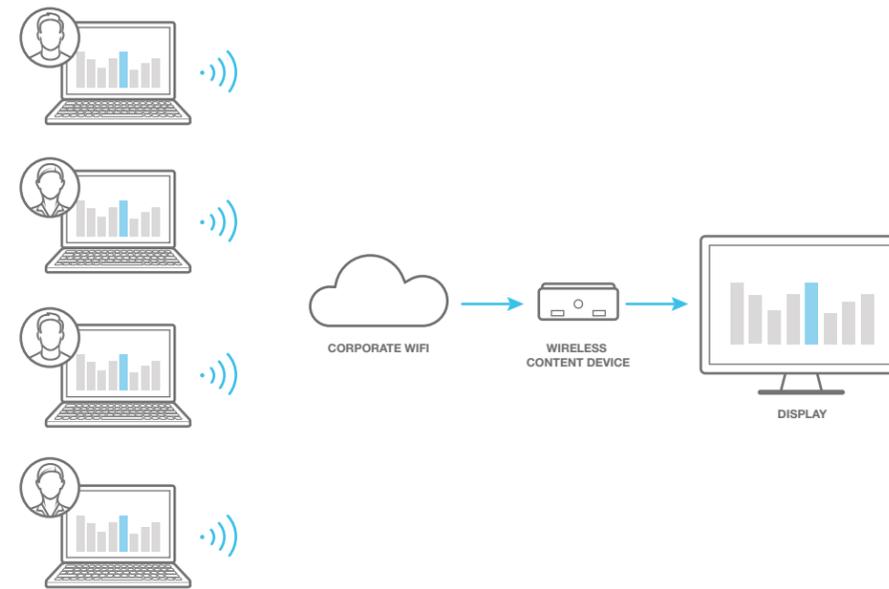
In this configuration, many users can connect, and only one user will be displayed at a time.

Note: The voice/data adapter kit allows up to three inputs. The Extron AAP Plate allows up to two Extron AAP modules (ex. four HDMI connections).



Wireless Connections

With a wireless connection, many users can connect, and one or more users are able to wirelessly display at a time depending on the wireless collaboration platform.



Wireless content-sharing devices may also be installed within the media case to allow users to wirelessly share content.

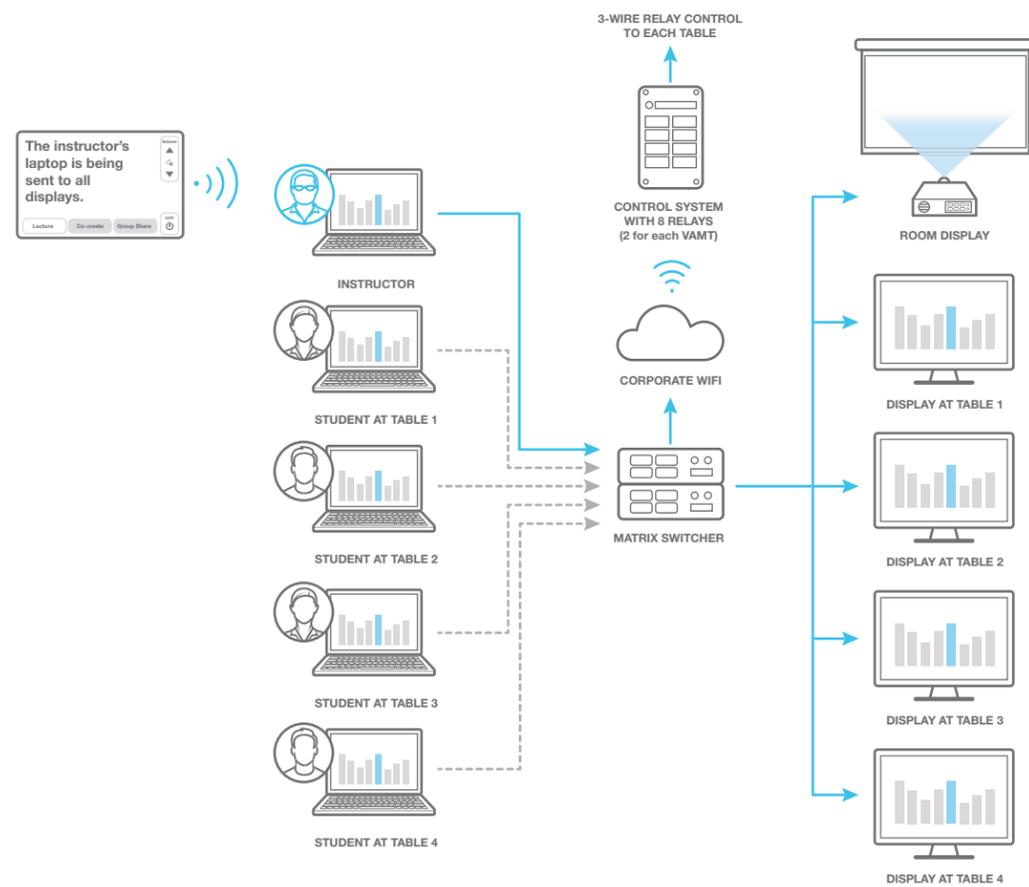
How to Connect and Share Content Tables with Dynamic Content Control

Lecture

This mode and configuration is ideal for presenting and assigning group work.

- The presenter's source is routed to all displays.

HOW ONE PRESENTER CAN CONNECT TO MULTIPLE DISPLAYS

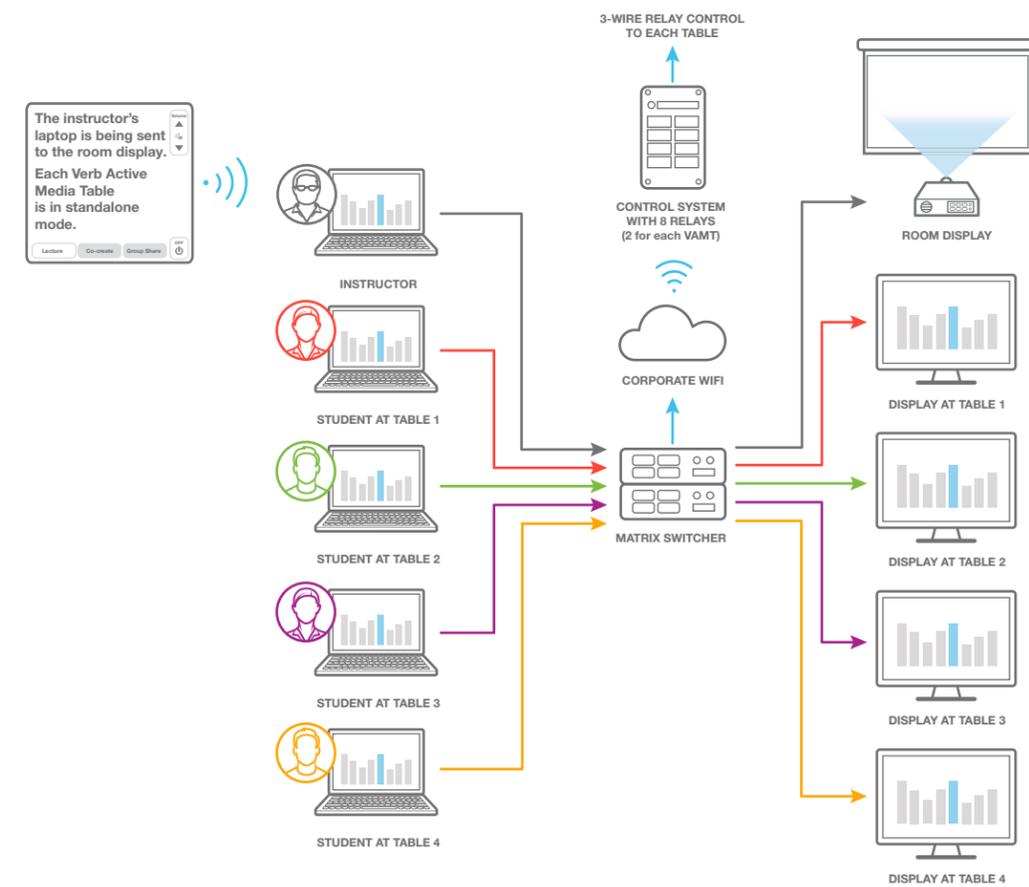


Co-Create

In a co-create mode, groups work together at their individual tables.

- The instructor's computer is routed to the large screen room display, which could be a projector or very large 4K commercial TV.
- A student feed from each table is routed back to its own display.

HOW INDIVIDUALS CAN CONNECT TO A DISPLAY



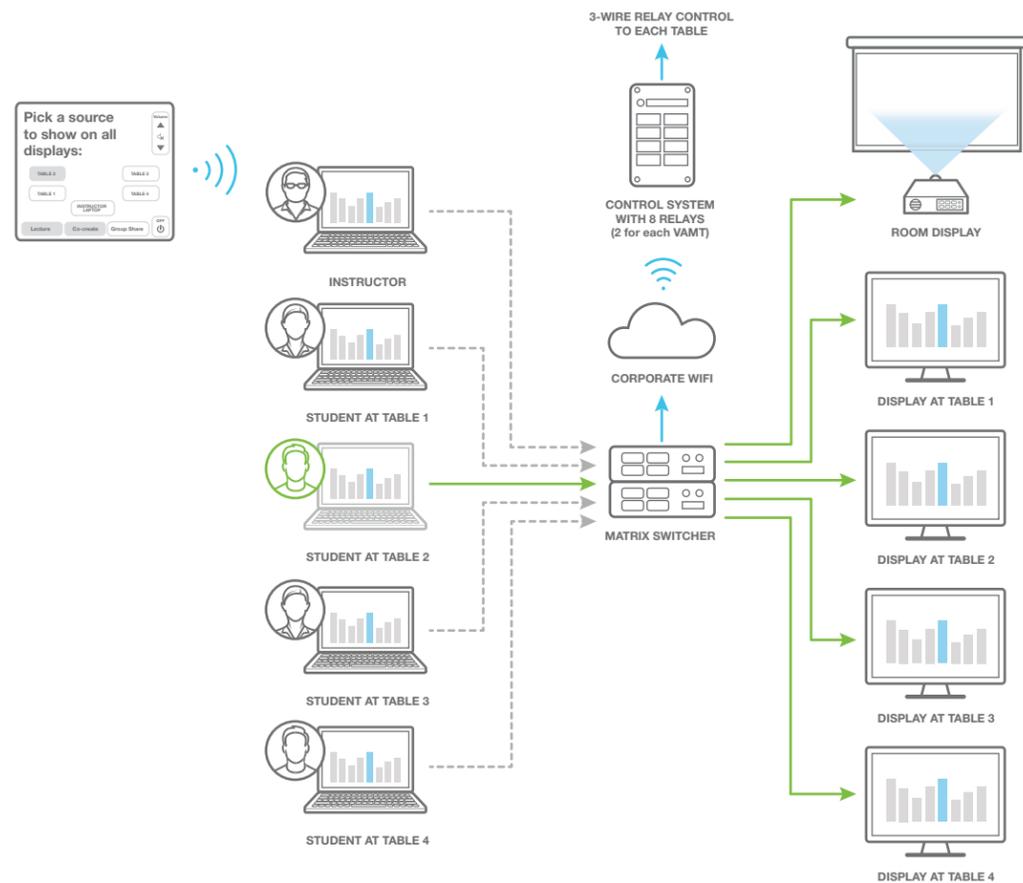
How to Connect and Share Content

Tables with Dynamic Content Control

Group Share

The group share mode and table arrangement is intended to allow all participants to review content from each group.

- Any source can be selected to be displayed on all screens.

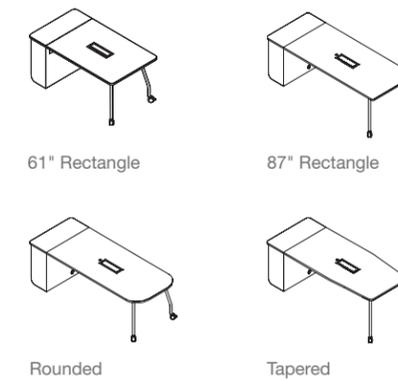


SYSTEM POWER

Power Off. When the OFF button is pressed on the instructor's user interface, the room and table displays turn off. The display lifts begin to descend into the media case until the display lift stops.

Power On. When any of the mode buttons are pressed on the instructor's user interface, the room and table displays should turn on and the lifts should begin to rise until the display lift stops.

STATEMENT OF LINE



FEATURES

TABLES

- 1"- thick top, high-pressure laminate
- 3 mm radius profile edge
- Available in depths of 34" and 43"

ELECTRICAL HEIGHT-ADJUSTABLE MONITOR LIFT

- Universal Mounting Patterns
- Contact closure interface
- Near Silent Operation
- Lift mechanism for 32"D tables for up to 32" TV with 40lb lift capacity
- Lift mechanism for 43"D tables for up to 43" TV with 40lb lift capacity

POWER AND DATA ACCESS PORT

- Three outlets, one USB and three knockouts
- Three outlets, one USB and Extron plate cover

POWER PLUG TYPE

- NEMA 3-prong plug
- Thread low-profile plug

MEDIA CASE POWER

- Standard three outlets
- Optional five outlets

INTEGRATED WIRE MANAGERS

LEG OPTIONS

- Access legs with locking casters or glides

OPTIONAL ACCESSORIES

- Side Hook and Dock
- Stow Hook

SURFACE MATERIALS

- Legs are available in ten finishes plus PerfectMatch.
- Tables available in all Steelcase laminates and open line laminates.
- Side dock with storage hook and stow hook available in the following plastic finishes: Midnight (6259), Sterling Dark Solid (6059), Platinum Solid (6249) and Element (6337).

PAINT FINISHES

Price Group 1:

- Black (7207)
- Sand (7225)
- Arctic White (7241)
- Seagull (7243)
- Merle (7360)

Price Group 2:

- Champagne Metallic (4750)
- Sterling Metallic (4798)
- Platinum Metallic (4799)
- Midnight Metallic (7246)
- Dark Bronze (7278)

Price Group 3:

- PerfectMatch

PLASTIC COLORS

- Midnight (6259)
- Sterling Dark Solid (6059)
- Platinum Solid (6249)
- Element (6337)

Colors are representative and may vary slightly from actual material.

For further options, visit us online.

Warning Labels

IMPORTANT SAFETY INSTRUCTIONS

⚠ DANGER

RISK OF FIRE OR INJURY - ELECTRIC SHOCK



1. Always unplug this furnishing from the electrical outlet before cleaning or removing components.
2. Improper connections of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - If it will not fit the outlet, have a proper outlet installed by a qualified electrician. This product is for use on a nominal 120-V circuit and has a grounding plug that looks like the plug illustrated in figure 2. Make sure that the product is connected to an outlet having the same configurations as the plug. **No adapter should be used with this product.**

⚠ WARNING

RISK OF INJURY - BURNS, FIRE, ELECTRIC SHOCK, CRUSHING





1. Do not allow use by or near children or others who do not understand how to use product safely.
2. Use extra care and unplug power when installing components and routing cables inside monitor cabinet. Follow all noted cable routing instructions and use cable management components provided to contain and protect all cabling from damage from moving parts. Use additional cable retaining hardware, as needed, to ensure that an orderly and safe condition is maintained inside the monitor cabinet.
3. Use only indoors in dry conditions, do not allow liquids to come in contact with the product operating system.
4. Use this table only for its intended use as described in these instructions. Do not use attachments not recommended by manufacturer.
5. Maximum Table Load = 125 lbs (56.7 kg). Max Monitor Weight = 40 lbs (18.1 kg).
6. This product must be installed in accordance with all applicable state and local codes and ordinances. Only connect this product to standard electrical power supply of 120VAC-60Hz, 1440 watts.
7. Never operate this table if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged.
8. Confirm appropriate critical components and accessories (identified on page 1) are being used.

⚠ WARNING

Continued: RISK OF INJURY - BURNS, FIRE, ELECTRIC SHOCK, CRUSHING



10. Keep the cord away from heated surfaces.
11. Never drop or insert any object into any opening.
12. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
13. Never operate the furnishing with the air openings blocked. Keep the air openings free of lint, hair, and the like.
14. Do not attempt to open or service electrical control box.

⚠ CAUTION

RISK OF INJURY - BURNS, FIRE, ELECTRIC SHOCK, CRUSHING



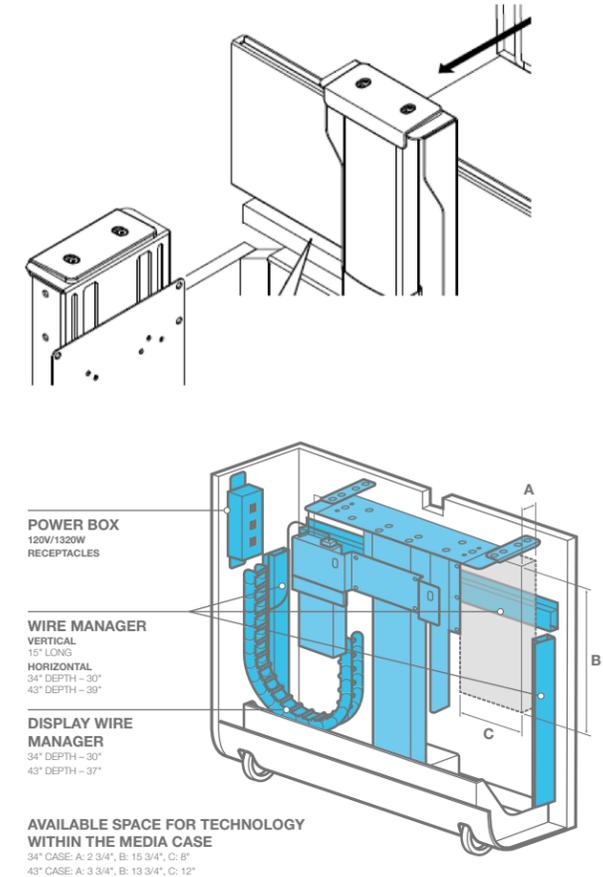


1. Read and follow all technical instructions fully and heed all warnings during installation.
2. It is the installers responsibility to make available all product documentation, and for any users to be familiar with this product before operation.
3. Do not alter any mechanism components or mounting structure provided with this product.
4. Always exercise care and planning when routing building source power cords to ensure that power cords will not be damaged.
5. Clean system mechanism only with a clean dry cloth.
6. Refer to Steelcase contact information on page one for questions on product operation or service.

Important Information

Please Read Before Continuing

1. Ensure that the plastic lid atop of the lifting mechanism is installed properly with the hanging edge towards the back of the cabinet and lid.
2. Wire management guards are provided within the cabinet to house additional wires and cables.
3. Ensure that power cords and other cables are not in the way of or sitting directly beneath the lifting mechanism. It is advised to properly fasten or clip cords in place to ensure cords do not obstruct movement of the lifting mechanism.
4. This product comes with a standard NEMA plug and can be used in any standard (120v 60Hz) power outlet. This product can be ordered with Thread Low-Profile Power Plug. Four to five Verb Active Media Tabs can be connected to one Thread wall or floor infeed.



Flat Screen Monitor Requirements:

This product is designed to accommodate a variety of television "flat screen" monitors and provides the required hardware necessary for their mounting. NOTE: Monitor "not-to-exceed" size dimensions are noted below. Failure to follow these requirements may result in operational failure and/or product damage.

34 INCH TABLE MAXIMUM MONITOR SIZE:

Width = 29.32 inches (744.7 mm),
 Height = 21.20 inches (538.5 mm),
 Depth = 3.50 inches (88.9mm).

43 INCH TABLE MAXIMUM MONITOR SIZE:

Width = 38.32 inches (973.3 mm),
 Height = 22.22 inches (564.5mm),
 Depth = 3.65 inches (92.7 mm).

Monitors must be compatible with the following mounting patterns:

Universal mounting patterns accommodates standard VESA mounts:	75 mm x 75 mm
	100 mm x 100 mm
	200 mm x 100 mm
	200 mm x 200 mm

Other mounting patterns require a VESA adaptor plate (not supplied)

Frequently Asked Questions

Does Verb Active Media Table (VAMT) have any allowable specials?

Yes. There are different leg options, power trough and configuration options, special power trough placement and special table size and length.

Does VAMT come with a warranty?

Yes. It comes with the Steelcase Limited Lifetime Warranty and a five-year warranty for the lifting mechanism.

Where is the VAMT made, and what countries is VAMT available in?

VAMT is made and available in North America.

What surface material options are available for the VAMT?

VAMT is available with all of the standard Verb finishes.

Can veneer be used with the VAMT?

Veneer is not available as a standard option for VAMT.

Can customers install their own power boxes?

Yes. This is an option available through specials.

Can the VAMT be plugged in to any standard (120v 60Hz) power outlet?

Yes, the Verb Active Media Table comes with a standard NEMA plug and can be ordered with a Thread Low-Profile Power Plug. Four to five Verb Active Media Tables can be connected to one Thread wall or floor infeed.

What is the technology story behind VAMT?

The VAMT technology story is based on an open architecture to future-proof the table and provide flexible tech and AV integration. This allows customers to integrate their own technology.

CONTACT SUPPORT

Contact LineOne at LINEONE@steelcase.com

+1 888 783 3522

Lift Troubleshooting Guide

LIFT COMPONENTS



Lift control box



Height limit insert



Display lift control



Motor cable

Common Procedures

Reinitializing (for all lifts):

1. Fully retract the lift.
2. Once the lift is fully retracted, press and hold the down button on the wired backup switch for about 5 – 10 seconds. You should see a slight movement from the lift system.

Note: If you do not see the movement on the first attempt, release the down button and try these steps again. It may take two or three tries.

Resetting the lift from safe mode:

1. The lift will only retract, and it moves at half the speed.
2. Press and hold the down button until the lift fully retracts.
3. Then follow the steps to reinitialize the lift.

Setting the height limit:

1. Extend the lift to your desired height using the wired backup switch.
2. Once it reaches your desired height, tap the down button to stop the lift.
3. Plug the height limit insert into either Port A1 or A2 on the control box.
4. Your lift will now obey the height limit you have set.

Troubleshooting Procedures

Lift will not move or respond to any commands:

1. Remove the height limit insert from the control box, and then try to extend the lift using the wired backup switch.
2. Check that the motor cable for the lift column is connected to Port 1.

Note: Port 1 is the white 6 pin port located at the top of the Control Box, next to the RJ45/Phone ports.

3. Check that the motor cable is securely connected to the pigtail located at the top of the lift column behind the TV/monitor.
4. Check to make sure power is being received by the outlet or power strip, by connecting an alternate device to the same receptacle or by testing the outlet with a voltmeter.

5. If power is being received, disconnect the power cord from the control box and leave it disconnected for 20 seconds; then reconnect the power and use the wired backup switch to extend or retract the lift.
 - a. Note: If you disconnect power or a motor cable while the lift is extended, you will go into safe mode and will need to fully retract the lift before you can extend it again. If this occurs, follow the steps to exit safe mode.
6. Examine the motor cable and lift column pigtail for cuts, nicks, or any damage to the wiring.
7. Try to reinitialize by following the steps outlined in the Common Procedures section above.
8. If the lift is still unresponsive, please contact LineOne at LINEONE@steelcase.com or +1 888 783 3522 for further troubleshooting.

Lift will only retract:

1. The lift is in safe mode.
2. Fully retract the lift by pressing and holding the down button on the wired backup switch or the IR receiver.
3. Once the lift is fully retracted, press and hold the down button on either the wired backup switch or the IR receiver for about 5 – 10 seconds. You should see a slight movement from the lift system.

Note: If you do not see the movement on the first attempt, release the down button and try these steps again. It may take two or three tries.

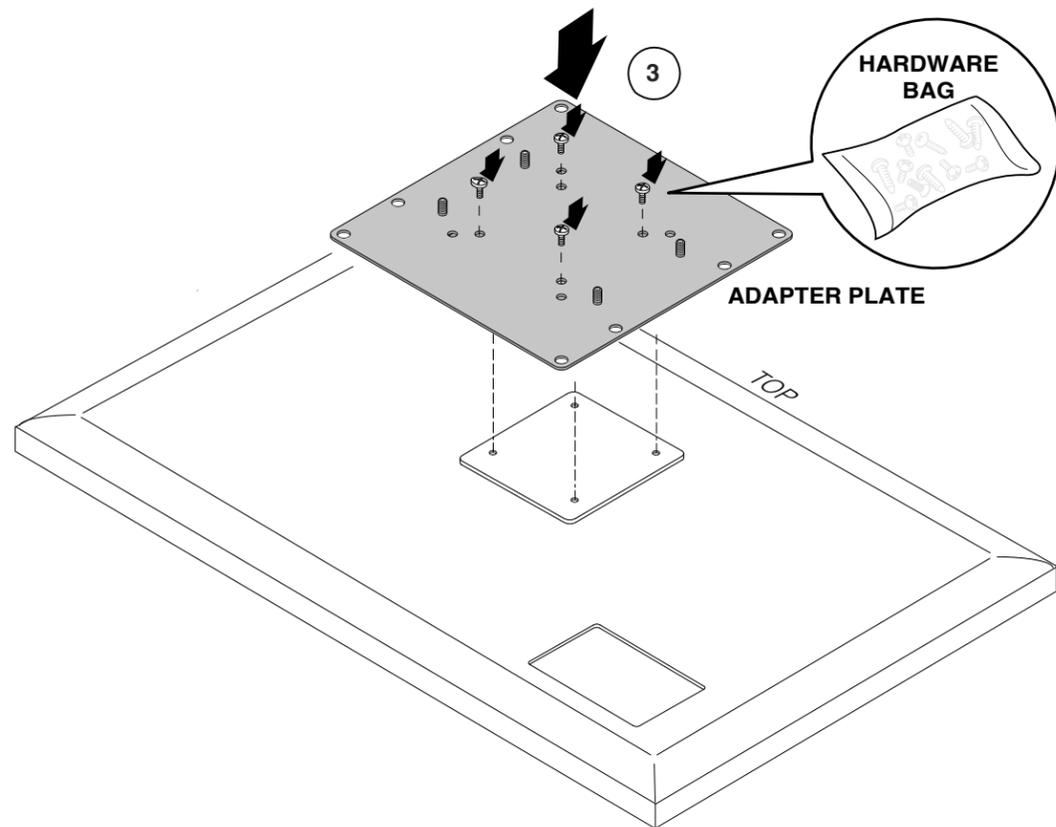
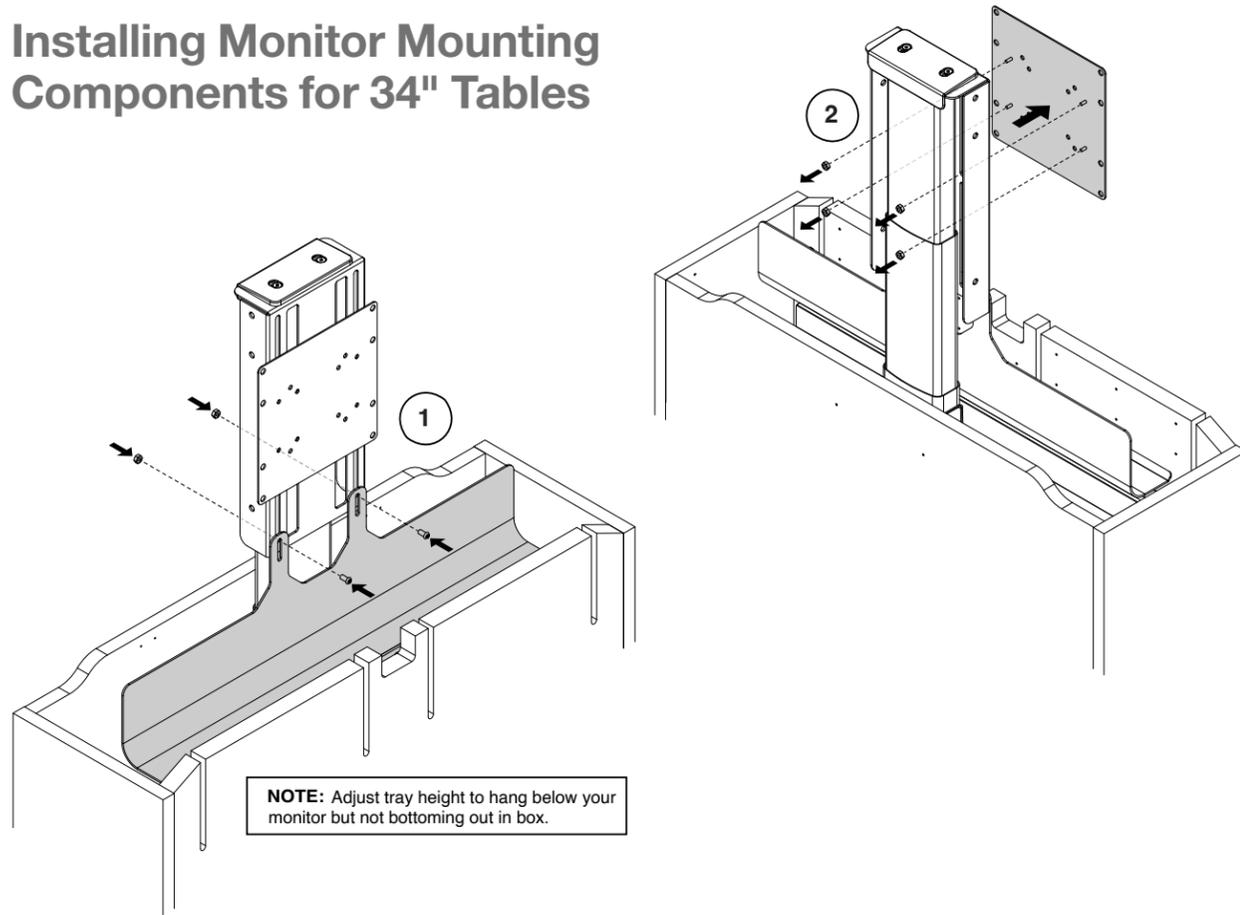
Lift stops and goes back up/down slightly:

1. The lift is detecting an obstruction in its path, which is triggering anti-collision.
2. Check to see if any cables have moved and are hanging on the brackets.

Note: If necessary, remove the lid by lifting up on it. The lid for all lifts should be floating/detachable and should not require the removal of any bolts or screws.

3. If no obstructions are seen, extend the lift again with the lid removed; then retract it and monitor its travel for any snags.
4. If still no obstructions are seen, please contact LineOne at LINEONE@steelcase.com or +1 888 783 3522 for further troubleshooting.

Installing Monitor Mounting Components for 34" Tables



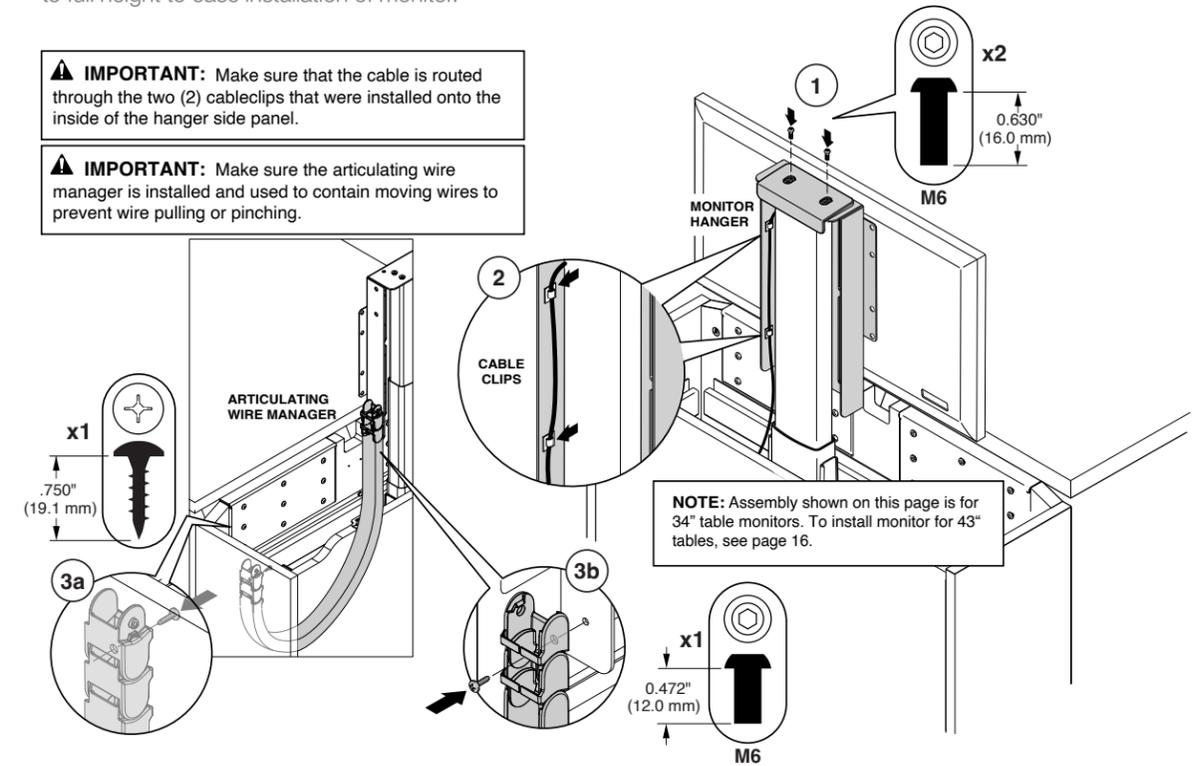
34" Table, Cabinet Top Support Plate and Monitor to Lift Column Installation

NOTE: Using the up/down switch, extend the lift column to full height to ease installation of monitor.

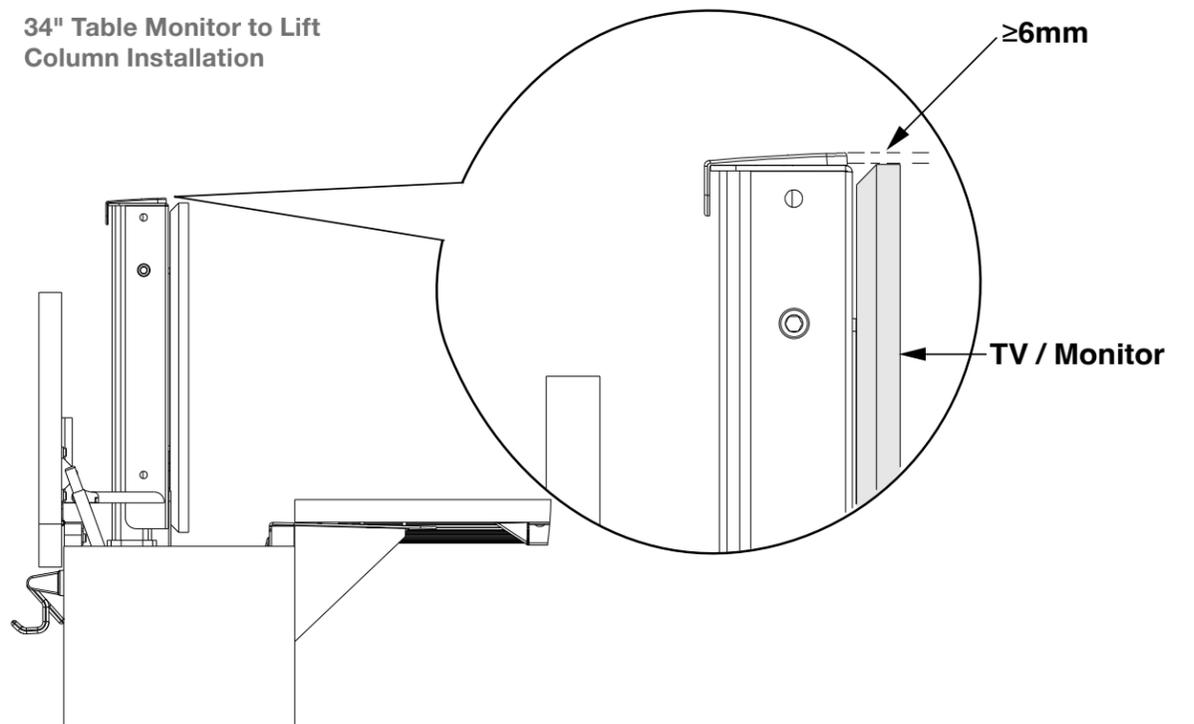
IMPORTANT: Plastic cover must be installed for lift mechanism to open lift automatically.

IMPORTANT: Make sure that the cable is routed through the two (2) cableclips that were installed onto the inside of the hanger side panel.

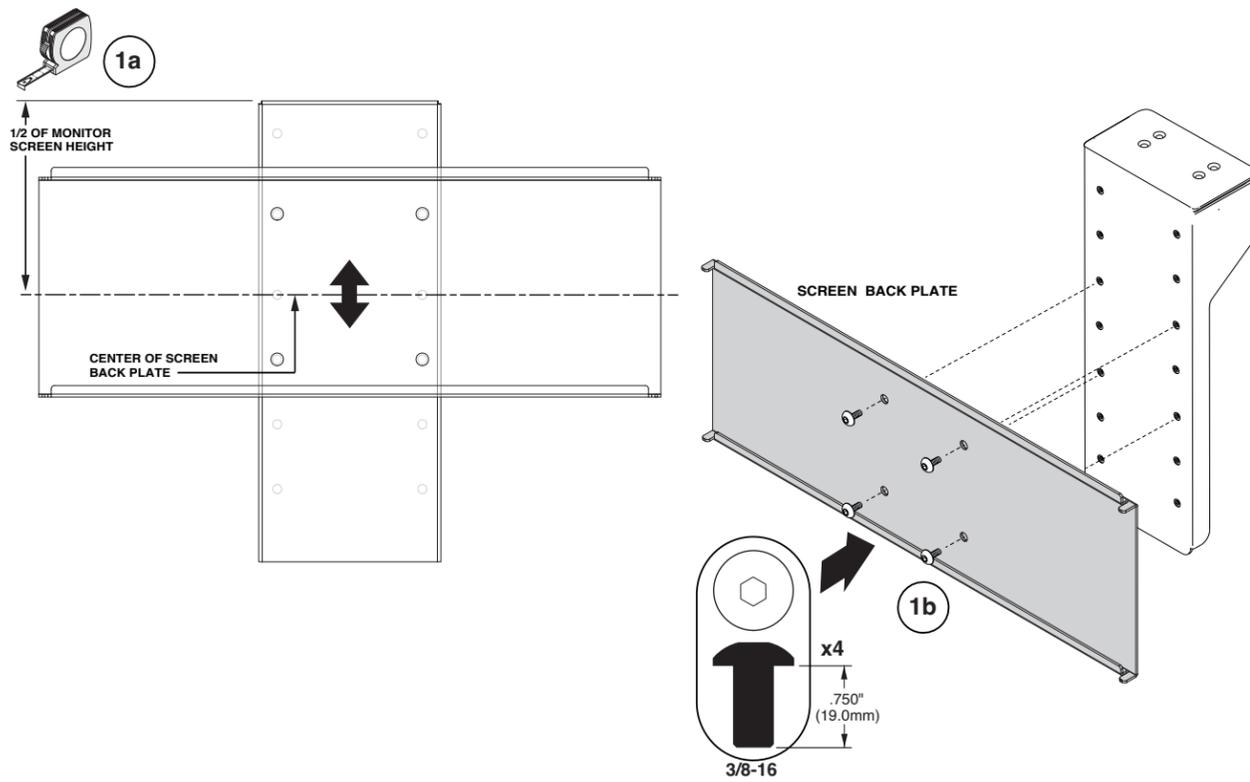
IMPORTANT: Make sure the articulating wire manager is installed and used to contain moving wires to prevent wire pulling or pinching.



34" Table Monitor to Lift Column Installation

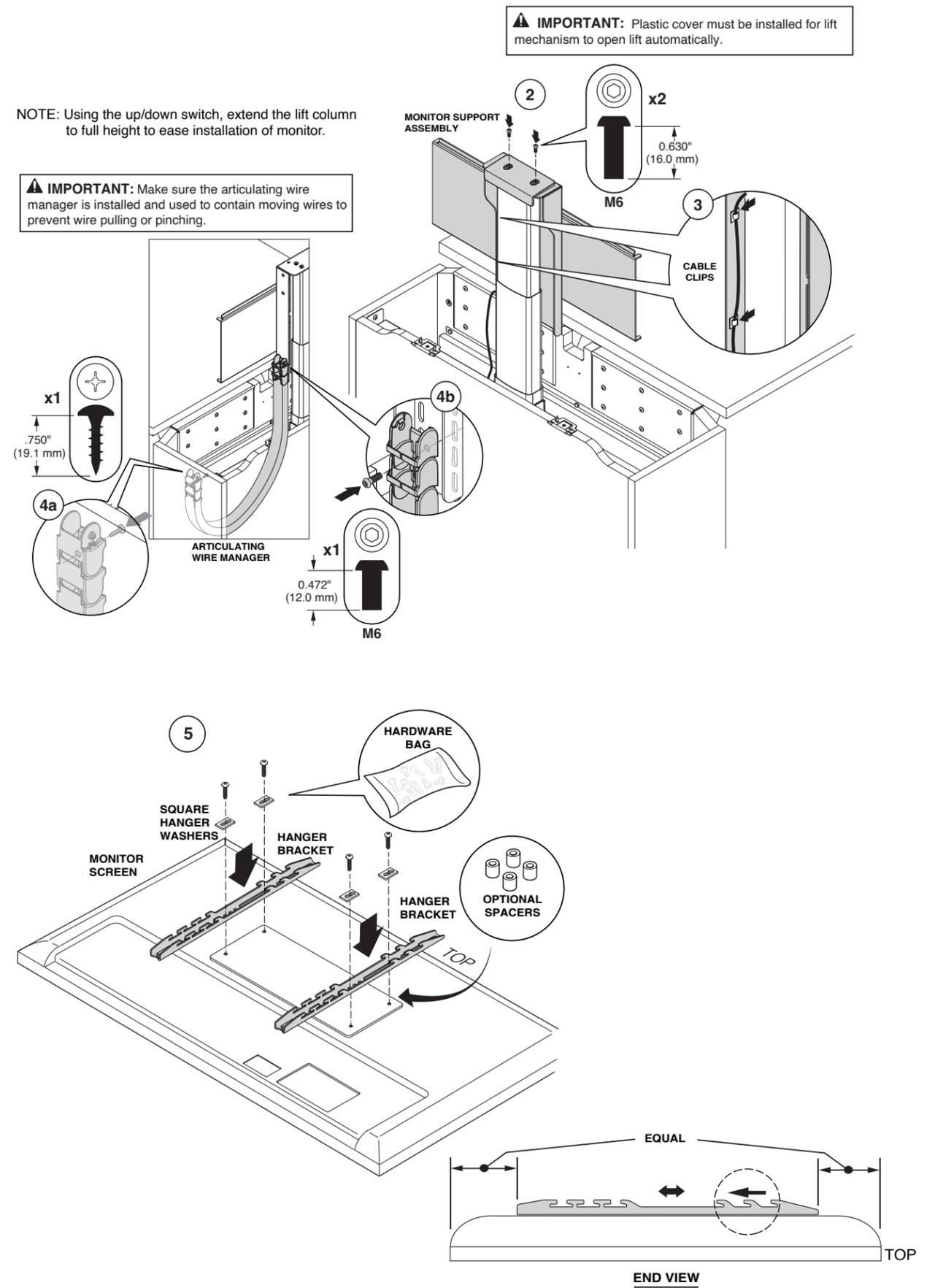


Installing Monitor Mounting Components for 43" Tables



NOTE: Using the up/down switch, extend the lift column to full height to ease installation of monitor.

IMPORTANT: Make sure the articulating wire manager is installed and used to contain moving wires to prevent wire pulling or pinching.



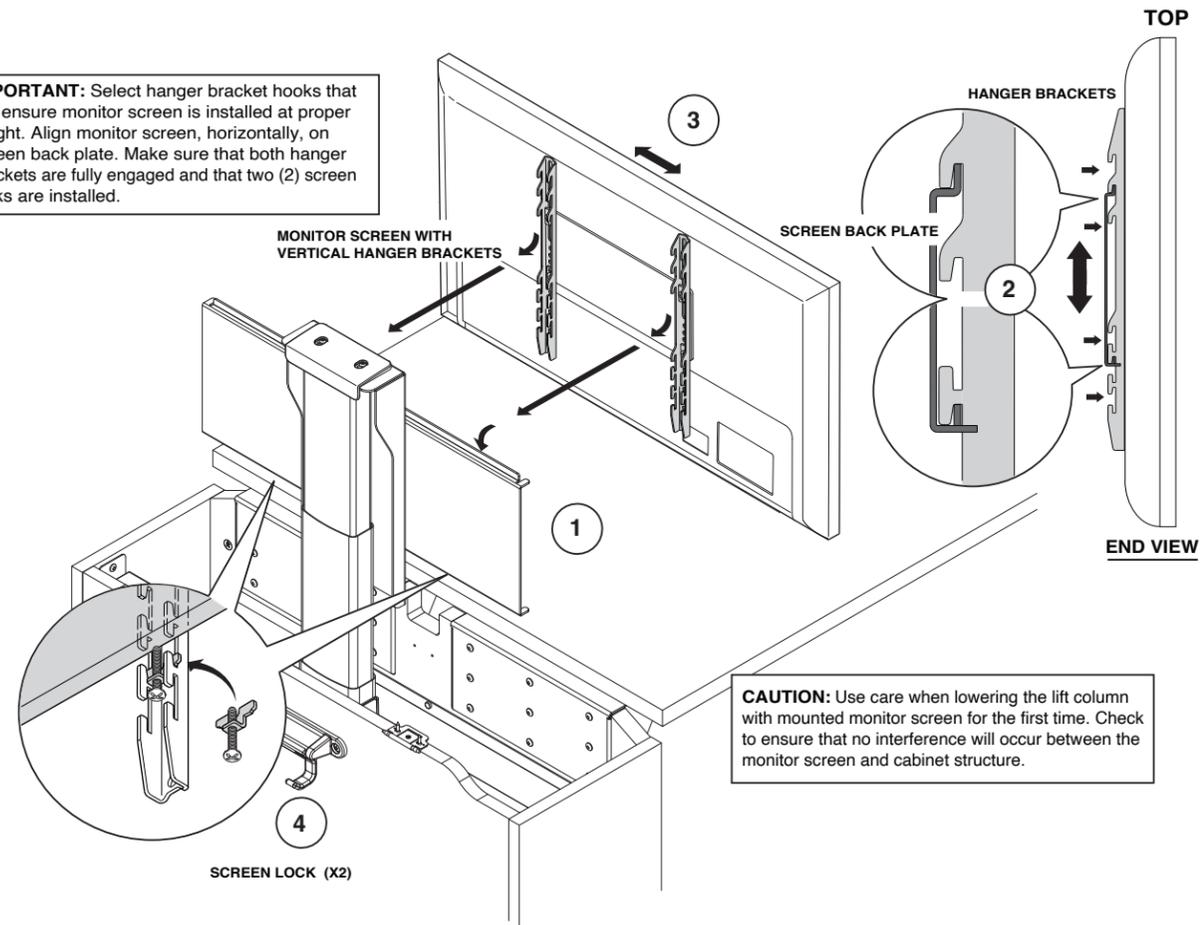
IMPORTANT: Plastic cover must be installed for lift mechanism to open lift automatically.

Installing Monitor Mounting Components for 43" Tables

(continued)

43" Table Monitor to Lift Column Installation

IMPORTANT: Select hanger bracket hooks that will ensure monitor screen is installed at proper height. Align monitor screen, horizontally, on screen back plate. Make sure that both hanger brackets are fully engaged and that two (2) screen locks are installed.





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