



MantelMount's Pull-Down & Swivel Mount is a Game Changer for the Classroom!

EXECUTIVE SUMMARY

Television monitors are fast becoming a large component of the learning environment. But keeping a large flat screen out of the way in a classroom already crowded with white boards or chalkboards (not to mention students) is a challenge. Having the flexibility to mount a monitor high on a wall and be able to pull it down to eye level, swivel it left or right as needed, then easily return the monitor back into position, is a classroom asset.

■ **It's more than a space issue, it's an ergonomic issue as well.**

Cranking one's neck in an upward position for an extended period of time does not facilitate listening or learning.

INDUSTRY CHALLENGE

For many years, a screen in a classroom was something that stayed rolled up tight above a chalkboard or a white board. With a string attachment, a teacher could pull down the screen and use an overhead projector. Visions of a movie come to mind with students dozing in the back rows. Or how about the squeaky metal carts, with a projector loaded up top, that would get rolled in and out of classrooms? Clunky and cumbersome, the carts made their way in and out of classrooms. Modern learning environments incorporate technology. Flat touchscreen monitors are becoming more of a staple in the classroom. Unfortunately, touchscreen monitors are not accessible if placed above a chalkboard, or white board, and they certainly cannot be rolled up and stowed away! So how can they be practically stored – especially with storage at a premium?

Prior to MantelMount's invention, the main classroom solutions were to use articulating or traditional motionless mounts. Both were effective for getting the screen off the floor but proved ineffective in terms of space utilization on already crowded walls. What's more, when the only available space turned out to be high on a wall – well above normal viewing level – it led to the dreaded neck cranking and resulting discomfort. For a long time, a mount that simply adhered to the wall without the flexibility to move the screen to a desirable viewing position was the best the industry had to offer.

SOLUTION

MantelMount's patented design allows for an enhanced learning environment while conserving valuable wall space. And, MantelMount is so certain about their excellent quality standards that each mount comes with a lifetime limited warranty.

MantelMount can accommodate screens from 49" to 100" and weighing between 30 and 125 pounds.

All MantelMount models feature built-in Auto Straightening, which enables the monitor to automatically straighten back into position as it raises up to its home position. Enhanced Stabilization maintains a level monitor or TV position over time. Other mounts on the market are made from a combination of steel and plastic, but MantelMount models are fabricated from thick, heavy-duty steel. The MM720 Professional Mount, the most popular model for academic, commercial and corporate environments, is made with 3mm steel. All models have a black powder-coated matte finish that can be painted to match the color of the wall, as well as paintable covers to hide the wall mounting hardware. All our manual mounts are UL Listed and that's a big deal. The testing required for this certification is rigorous (thousands of cycles at weight capacity, and the mounts are tested to hold four times the weight capacity for 24 hours).



The key features that separate MantelMount from the competition are:

Premium Echelon Pistons

Providing feather-light movement, the MM340, MM540, and MM720 come standard with two high-quality gas pistons. The MM750 has four gas pistons, allowing for an even smoother motion and easier travel for extra-large or heavier monitors or televisions. Our pistons come with a history of long-term, high performance.

Lifting Arm

The MM340, along with the MM540 have a 4" wide solid steel center arm. The MM720's center arm is 6" wide, and the MM750 and MM860 "roll cage" center arms taper from 7" to 11" wide. Why does arm size matter? Because wider center arms provide firmer stability.

Swivel Stops

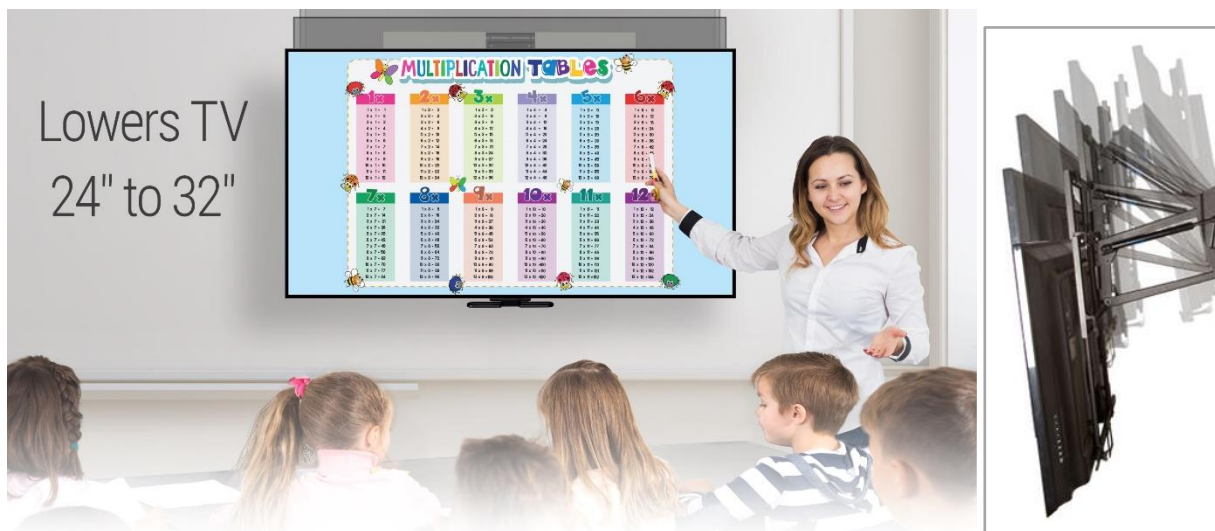
MantelMount's pull-down mounts have manually-set swivel stops that keep the monitor or TV from bumping into a wall, counter or bookshelf.

Vertical Stops

With Vertical Stops, users have a choice when it comes to how far down a monitor or television is to lower.

Recess Box

Mounts can be recessed into the wall for flush-to-wall mounting. The MM340, MM540 and MM720 work with the RB100 Recess Box add-on, while the MM750 and MM860 come standard with a built-in recess box.



The MantelMount MM720 Pro Series Pull Down & Swivel Mount (with paintable wall covers) makes virtual training more effective with comfortable eye-level viewing.

Adjustable Tilt and Swivel Options

The MM720 provides up to 9° tilt and comes with our SRE000 swivel adapter that if installed offers up to 80-degrees swivel. This kind of swivel can basically help divide the room.

Cable Management System and Ongoing Maintenance

In addition to the features above, our mounts come equipped with a cable management system, paintable wall covers (to hide wall hardware), and a sound bar adapter. With MantelMount cable management system it is easy to get behind the screen and mount for any maintenance or service requirement.

Drop-Down Distance

Depending on the model, MantelMount's drop-down distance is between 24" to 32", helping to eliminate neck pain associated with looking up for a prolonged period of time, thus facilitating the learning experience.

Automated, Robotic Mount

The MM860 Robotic Mount is the motorized version of the manual pull-down mount. Using either a remote control or smart automation, the mount will automatically lower and swivel the flat screen into a preset position. The automated MM860 is the perfect compliment for any teacher who might find it difficult to reach up to grab a manual mount.

Accessory Line

MantelMount provides a robust line of accessories for even the trickiest of installations: Single stud adapters, extended wall plates (for when studs may be far apart), recess box, recess box extenders, cable routing boxes, horizontal adapters, sound bar adapters, and vanity kits are excellent solutions for a variety of specialty installation scenarios.

CONCLUSION



MantelMount creates a more comfortable learning environment by eliminating the need for students to look up at a screen, cranking their necks in an awkward position for extended periods of time.

Having the monitor out of the way when not in use allows for easier access to storage, whiteboards and chalkboards. Additionally, having the monitor out of harm's way when not in use protects the investment of the monitor and reduces the risk of breakage and maintenance repairs. Thoughtful design allows for easy access to wiring behind a MantelMount if needed.

MantelMount's patented manual and automated mounts are made from heavy-duty steel, high-grade upper echelon pistons, and quality dual actuators.

Each mount has a lifetime limited warranty.

All mounts come complete with detailed instruction manuals and installation videos are available on the company website. Plus, MantelMount offers a wide variety of accessories to compliment even the trickiest installations. Customer Support has seen every possible configuration.

Today, schools such as Los Gatos, Santa Cruz and La Habra School Districts, in addition to higher learning institutions such as BYU and Cornell University, among others, use MantelMount to facilitate and enhance their learning environments.

ABOUT MANTELMOUNT

MantelMount is the premier TV mount for any flat screen that needs to be mounted to a wall. MantelMount not only offers tilt and swivel, but also allows users to easily pull the TV down and away from the wall, then position it at eye level. The product's unique functionality and design has earned it numerous accolades: At CES 2020, the new Automated MM860 Robotic Mount won a CTA Mark of Excellence Award; at CEDIA 2019, the mount received both a Residential Systems Best of Show Award and a CE Pro BEST Product Award. At CEDIA 2017, MantelMount won CE Pro's Best Home Theater TV Mount, as well as the Residential Systems Outstanding Product Winner. The mount also won Best in Show for AV Technology at InfoComm 2016, and the Electronic House 2016 Product of the Year. MantelMount was also a finalist for the prestigious CEDIA Expo Product of the Year in 2015.

For more information visit www.mantelmount.com or www.mantelmountpro.com. Remy Kale (Remy@mantelmount.com) is our New Business Development Manager and he can help you

select the right mount for your application. Remy can be reached at 800/897-9755 extension 1014. Remy can also be reached by email at Remy@mantelmount.com.

REFERENCES

1. Patent #8,864,092, additional patents pending.
2. MM340, MM540, MM700 have UL Listing for the UL 2442 Standard for Safety:
"Wall and Ceiling Mounts and Accessories"
3. Stabilus Gas Spring Technology Information
4. Steel Report.