



# WALL MOUNTED SYSTEM

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## 08 Series Owner's Manual

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*For children's safety and operator's  
handling know-how, read thoroughly.  
Keep in a convenient, easy to find place.*

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## FOREWARD

Welcome to the growing number of facilities that have chosen Mitchell's Wall Mounted Systems as the perfect furniture and equipment to meet space and food services requirements. We are proud of the advanced engineering and quality manufacturing of each wall mounted system produced in our Wisconsin USA factory.

**This Owner's Manual explains the installation and operation of your new Wall System. Please read it thoroughly and have all of the operators of this equipment follow the instructions carefully. Doing so will help you enjoy many years of safe and trouble-free operation. A schematic of each component of the table, bench and cabinet are available through Mitchell Customer Service.**

When it comes to service, remember that your Mitchell dealer knows your wall mounted system very well and is interested in your complete satisfaction. Your dealer will provide any assistance that you may require. In the event you need to contact Mitchell directly, please use our Toll-free number: 1-800-290-5960 to talk with one of our professional customer service representatives.

**We encourage you to leave this Owner's Manual in an easy to find location. Each operator of the table should have access to this manual, as well as future operator's.**

All information and specifications in this manual is current at the time of printing. Due to Mitchell's policy of continual improvement, we reserve the right to make changes at any time without notice.

Please visit [www.mitchell-tables.com](http://www.mitchell-tables.com) for more information about our PorTables, Fold-N-Roll Tables, ConverTable Bench Tables, Saturna Adjustable Height Folding Tables, Fold-O-Leg Tables, Seminar Tables, Stages and Risers.

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## INSTALLATION OF WALL MOUNTED SYSTEM

### Important To-Do's Before Installation

#### INSPECT SHIPMENT

We ship our products F.O.B. Factory. This means that after the freight leaves our dock, the freight on board is the responsibility of the receiving party. **We suggest that you inspect all cartons as soon as the shipment arrives to ensure that the merchandise is in good condition. If there is damage you must file a claim with the carrier immediately.** We recommend that you save cartons and take pictures of carton damage as well as any product damage.

#### JOB SITE STORAGE



Tables and benches are shipped in cartons and on pallets. Cabinets are individually cartoned and shipped upright. Damage risk increases when merchandise is left to sit at the site and is not installed right away. Improper handling, exposure to the elements, and storing increases the risk of damage. In the event our product is not installed right away we recommend that the tables and benches remain palletized in cartons and that the cabinets remain upright in cartons. Products should be covered to reduce the risk of water damage. Mitchell assumes no responsibility for job site damage.

### Unpacking

#### CABINETS



- Using a fork lift or pry bar to move cabinets is not recommended.
- Remove the carton from the cabinet when the cabinet is lying flat on the floor.
- Cut the tape holding the carton together being cautious not to penetrate too deeply as that may scratch the steel finish.

#### TABLES & BENCHES

- The carton is best opened while flat on the floor.
- Cartons are stapled. Use a Uline or Bostitch Staple Remover. Using a knife may damage the steel finish or laminate.
- Examine the table and bench thoroughly for any inside damage.
- The down-lock (bottom of the table and bench) locks the two halves of the table/bench together. Depress the male portion of the lock to release the two halves and unfold. The table/bench should now be standing on its casters.

## Installation of Cabinet

### SITE REQUIREMENTS

- For correct operation the finished floor is to be completed before installing the cabinet.
- The sill of the cabinet should be tight to and on top of the finished floor. A smooth and easy transition of the table/bench to and from the cabinet is critical.
- If the finished floor is not level and the cabinet is not level on the floor, the floor must be made level before installing the cabinet.

### FASTENERS FOR CABINET

- The cabinet is held in place with 4 fasteners which go in the holes at the top back wall of the cabinet and 4 fasteners for the bottom sill.
- The installer provides the fasteners. We recommend 1-1/4" x 1/4" hex head screws with 5/8" washers at the top of the cabinet and 1-1/4" Tapcon screws with 5/8" washers for the bottom sill.
- Note: Mounting holes have already been predrilled into the back wall (2 in the table pocket -1 each in the bench pocket, located 1" from the top) & in the bottom sill of the cabinet. **Mounting the back wall in any other location causes laminate damage.**
- Be certain that fasteners are securely mounted into wall structure.



### MOUNTING CABINET TO WALL

**New construction sites** will have square and plumb floors & walls. Use your level to be certain. The cabinet must be installed square and plumb also so that folding the tables & benches occurs smoothly, with no interference. Being square can be checked quickly, once the cabinet is either positioned into its rough opening or against the wall, by measuring the 2 cabinet diagonals, corner to corner, & comparing the dimensions which should be equal. Once certain the cabinet is square & plumb have 1 or 2 workers hold the cabinet as the cabinet is fastened.

**Refurbished sites** may have floors & walls that are no longer square and plumb due to years of settling. It is important, under this condition, that the cabinets are in the correct relationship with the floor since the table/bench will be moved from the floor into the cabinet. We recommend that 2 workers hold the cabinet to the wall while you fold a table into the table pocket. Make sure the side locks are engaged! Now make sure the table edges are parallel with the cabinet's edge. Once parallel, with 2 workers holding the cabinet in place, drive the fasteners into predrilled holes at the top of the back wall first and then into the bottom sill in each of the bench pockets. Then remove the table & proceed with fastening the table pocket portion of the cabinet.



### MOUNTING FILLER PANELS (FP) FOR AGAINST WALL CABINETS

Cabinet boxes are marked: "ASL"- Left, "ASR"- Right, "ASC" Center. Mount left or right cabinet. Slide (FP) into cabinet slot. Slide Stainless Steel cap on bottom of (FP). Position (FP) top cap on so it connects to cabinet top cap, but don't fasten. Set next cabinet in place making sure (FP) is seated in cabinet channel. Mount cabinet and fasten top cap. We suggest mounting a 2" x 4" to (FP) & to wall for added strength.

## Installation of Tables and Benches

### STEP BY STEP PROCEDURES

- Remove cartons from tables/benches, use staple remover as before.
- Two people are required to set up each table and bench.
- Tables/Benches are shipped folded. Once the carton is removed be sure the track arm pins (located at each side of the inner leaf) are on the top leaf. This is most important. You may have to carefully turn the table/bench over, if necessary.
- Track arm pins are spring loaded & ship retracted; be sure they are.
- Table/bench is to face cabinet with track arm pin closest to cabinet.
- Put table/bench vertical. The hinge end of the table/bench should be lifted while track arm side is braced at the floor with installer's foot.
- Once up release the storage down lock holding the halves together.
- Slowly let the two halves of the table or bench form a tee-pee as they descend to a flat , open position on the floor.
- Roll table/bench into the cabinet pocket - track arm pins first.
- Once the end of the table/bench has cleared the center and side mullions of the cabinet, release the track arm pins.
- Move table/bench forward, track arm pins snap in cabinet's side channels. Table/bench is now locked into the sides of the cabinet.
- **Tables/benches are to be locked (track arm pins in cabinet channels) at all times when folding & unfolding. Removing table/bench from cabinet is done only when fully flat.**
- Lift table/bench at it's center, gently pushing forward until the steel pins at the hinge engage with the cabinet's up-lock. A knee or foot may be used for a final push locking table/bench at the bottom lock.
- Table/bench is locked at 5 points in cabinet. Final lock - key locks.



### The Final Check

Before leaving the job site and after cleaning up the area, the following should be checked to ensure everything is satisfactory.

- PAINT TOUCH UP - Inspect for scratches of the steel finish that may have occurred during installation and touch-up with paint.
  - TRACKING OF TABLES/BENCHES - Check the tracking of each table/bench a final time to make sure they do not veer left or right while being lowered out of the cabinet. Most often this is due to the condition of the floor. See [Trouble Shooting Section, Point 6.](#))
  - SIDE CLEARANCE - Do tables/benches fold/unfold easily without binding at cabinet mullions? Be certain you have followed the Installation of Cabinet guidelines (Pgs. 4-5.) If everything checks thoroughly and binding occurs, contact Mitchell Customer Service.
  - CABINET TOP LOCK (DEPTH GUIDE) CLEARANCE - Is there adequate clearance between the rear of the cabinet top lock and the top of the inner leaf of the table/bench, or is the top lock being scratched due to catching of the inner leaf? If this is the case the adjustable brace rods found under each leaf of the table/bench must be adjusted. See [Trouble Shooting Section, Point 4.](#)
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## Final Check—Cont'd



- **TRAINING THE OPERATORS** - The installer is to take the time to train each operator of the wall mounted system for proper operating procedures. As part of the shipment of your new wall mounted system we have enclosed with this Owner's Manual, a 4-color "Operator's Instruction Sheet" - a step by step operation pictorial. This should be hung on the wall next to the wall mounted systems for easy and quick referral.



- **IMPORTANT:** This Owner's Manual and "Operations Instruction Sheet" are to be given to the person responsible for the operation and maintenance of this equipment.

**OPERATOR'S  
INSTRUCTION SHEET**






### Operating the "08-Series" Wall Mounted Tables and Benches

**⚠ WARNING**



These tables and benches are to be operated by trained adults only. If you were not trained to operate these units **DO NOT USE THEM**. For training and service contact installing dealer or Mitchell Furniture Systems. Use of these units by unauthorized personnel and/or children could result in serious injury! Do not leave children unattended in the area near tables and benches whether in use or stored. Do not attempt to repair damaged product yourself. Contact installing dealer or Mitchell Furniture Systems.

**Bench Setup:**

- 1) Use the **release handle** to release storage lock and pull out bottom of bench.
- 2) Keep both hands on each while pulling out with lower hand and stabilizing bench with upper hand. *Do not pull down from top of bench!*
- 3) When unit is stable in the "tee-pee" position face side of bench placing a hand on each leaf top. Check that automatic down lock is engaged!




**Table Setup:**




- 1) Insert key to "unlock" the center post lock on both sides of table.
- 2) Use the **release handle** to release storage lock and pull out bottom of table.
- 3) Keep both hands on table while pulling out with lower hand and stabilizing table with upper hand. *Do not pull down from top of table!*
- 4) When unit is stable in the "tee-pee" position face side of table placing a hand on each leaf top. Gently push down to floor. Check that automatic down lock is engaged!

**Storing Tables and Benches:**


- 1) (Tables) Track arm pins must engage in post tracks before folding! See below. Face side of the table. Lift under cabinet leaf top while lifting up down lock handle in between leaves. Raise to "tee-pee" position.
- 2) (Benches) Track arm pins must engage in post tracks before folding! See below. Face side of the bench. Lift under cabinet leaf top while lifting up down lock handle in between leaves. Raise to "tee-pee" position.
- 3) When unit is stable in the "tee-pee" position face the cabinet. Push unit toward cabinet with lower hand while stabilizing with other hand, and top engages with cabinet top locks.
- 4) Pushing with both hands will roll unit into cabinet thus locking automatic storage lock. The center post lock can be manually forced once unit are stored into cabinet.

**Removing Tables and Benches From Cabinet:**



DO NOT unlock track arm pins in the open flat position! Reach between a gap between inner leaf and cabinet for stored unit to release the spring loaded track arm pin (2 per unit). The table or bench can move around the room from the sides or ends. Do not fold unit if NOT engaged into cabinet!


**Returning Tables/Benches to Cabinet Before Storage:**



DO NOT engage track arm pins in the open flat position! Re-align the unit with cabinet pocket. Push the unit far enough into the pocket so end of inner leaf fits the posts. Release the spring loaded track arm pins. Push in slightly to have track arm pins engage. Pull back on unit to be sure pins engaged.

**Servicing Dealer:**

Phone: \_\_\_\_\_



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**Final Check Cont'd - MOST IMPORTANT!!!**

**VALIDATION OF WARRANTY**

The "Wall Mounted Receiving & Installation Checklist" must be completed, signed & returned to the attention of Mitchell Customer Service in 14 days from install to certify the warranty.

**EASY MAIL-IN FORM TO THE RIGHT**



**OPERATION OF WALL MOUNTED SYSTEM**



Mitchell Furniture Systems recommends that only authorized adults who have been properly trained by the installer and who have read and understand these instructions should operate the new wall mounted system. Operation of this product by adults who have not been trained properly could result in serious injury. Under no circumstances should children be allowed to operate this wall mounted system.

**Operation**

THINGS TO KNOW ABOUT YOUR NEW TABLE AND BENCH

1. **Release Hook** Each system comes with a "Z" shaped, Release Hook. If ordering more than 4 units, extra hooks come with every 4th unit. These are found in table boxes, wedged in the apron.
2. **Table Lift Assist** There are 4 torsion bars hidden in each upper leg cross piece. Torsion bars offer operator aide; will help slow the dissent of the table; and will help lift the table into the cabinet.
3. **Bench Lift Assist** Gas tube lift assists are on each bench. These assist the operator. Forcing bench down may damage gas tube.
4. **PocketLock™** Post Locks secure tables/benches when not in use so unauthorized individuals won't be able to use them. **Pocket-Key™** is supplied and included in the Owner's Manual packet.

REMOVING TABLES/BENCHES FROM CABINET



- At bottom-center of table/bench is a male & female lock. These lock the 2 table/bench halves. Slide the release hook under the male lock, pull up & out, lock disengages & table/bench move out.
- With a downward nudge of the table/bench, a slow dissent to the floor begins. New equipment tends to be stiff and until broken in, more gentle downward pressure may be needed.
- Table/bench automatic down locks engage when in user position. A zinc plated bar engages with the hinges. These locks add safety, preventing the possible jackknife of a table or bench.
- The table/bench may be detached from the cabinet by releasing the 2 table/bench track arm pins from the cabinet. Table/bench may then be rolled to any desired location.
- When moving table/bench lift them about 6" at the center.



## Operation Cont'd

### RETURNING TABLES/BENCHES TO CABINET

- If tables/benches have been removed from the cabinet, roll each in the cabinet clearing the mullions, then release the track arm pins by moving the black handle out of the slot. Push unit forward until the track arm pins snap into cabinet channels.
- Go to the center of the table/bench and lift the zinc plated down lock rod upward, releasing it from the hinges.
- Lift the table/bench into a tee-pee at the same time push the table/bench in the cabinet engaging the top and bottom locks.

## Operation Tips

- To minimize side thrust and prevent broken tops, it's best to operate with one person.
- If something does not seem right and you've consulted the Trouble Shooting section, please call your dealer immediately. You may also contact Mitchell Customer Service.
- If you have a broken part, please discontinue use of that piece of equipment, call your dealer or Mitchell Customer Service.



## MAINTENANCE

### Frame/Understructure

#### PIVOT POINTS

- Pivot points are areas of the table & bench where movement is centered. It is therefore important to check all parts at each pivot point to determine if wear has occurred. This should be done on each anniversary of the installation date. Loose connections are to be tightened. Some wear to moving parts is natural. Systematic inspection will pin point parts that are worn and in need of being replaced. Table and bench schematics are available through Mitchell Customer Service. When ordering new parts you may want a schematic and parts list first.
- Lubrication of pivot points periodically, using a #30 oil, will make the table and bench operate more easily.
- Be certain to clean up any oil that may have dripped to prevent any accident.



#### CABINET TRACK ARM CHANNELS

- We recommend using paraffin wax instead of oil to keep the cabinet tracking channels moving smooth and free. Using oil in this area will transfer to the track arm pins which are located at the table and bench edge and can easily transfer to clothing.

## MAINTENANCE CONT'D

### FASTENERS

- Over time the hex head fasteners holding the table top and the bench top to the apron understructure may loosen. We recommend that these fasteners are inspected on each anniversary of the installation date. Any hex head screws that may have fallen out should be repositioned and fastened. Using the old hole may not hold the screw tightly
- Bolts are held in place with lock nuts. Generally these should be left alone as what may look to be in need of tightening is a pivot area. Tightening here may create a problem with the movement and folding of the table/bench.

### LIFT ASSISTS

- Table torsion bars will last for many years. If after 15 years or so the table is crashing down to the floor instead of it's nice easy descent, it may be time to replace the torsion bars located in each horizontal pipe of the upper leg. We recommend discussing this with your Mitchell representative before undertaking. Written guidelines are available.
- Pneumatic gas tubes used to assist lift of the bench may need to be replaced periodically, but again are designed to last through years of repetitive use. These are readily accessible and can be easily replaced.

### LOCKS

- Cabinet top locks may become bent from operators pushing the tables or benches too quickly into the cabinet. Made of 11 gauge steel, these top locks are replaceable if they come out of shape.
- Lubricate springs in the track arm pins and the male down locks periodically with W-D 40.

### Cleaning Instructions

- Keep cabinet sills free from dirt and debris as this is the area where casters are stored in the cabinet. The 2" casters roll freely when kept clean.
- Wipe tops dry before putting table/bench back in the cabinet.
- If severe staining of the laminate occurs we recommend contacting Wilsonart Customer Service for their expertise 800/433-3222.
- **With care your wall system will provide years of service.**

## TROUBLE SHOOTING

New products need a bit of use before they are broken-in. You may find with your new wall system that the movement of the table/bench is stiff. With more use this will ease-up & the system will work trouble free. If you continue to have concerns we suggest that you familiarize yourself with these everyday fixes.

## TROUBLE SHOOTING CONT'D

### CASTERS

- Squeak: Oil axels with #30 oil. Clean up any oil on the floor.
- Don't roll properly: Be sure casters and sill are clean. Casters will pick-up debris that builds up in the sill area of the cabinet.
- Difficult transition into Cabinet: Cabinets are to be mounted tight to and on top of the finished floor. The transition from floor to cabinet should be no more than the width of the steel sill, about 1/16".
- Tables/benches track right/left when unfolded: This may be a result of the condition of the floor (it's flatness.)

### AUTOMATIC DOWN LOCK

- The table/bench automatic down lock won't engage:
  - ⇒ Check for debris that may have lodged in the apron hinge.
  - ⇒ Are hinges in line engaging the zinc lock handle? Hinges may come out of alignment if table/bench is tipped or has fallen. Apron replacement may be necessary. Take pictures and forward them to Mitchell Customer Service.
  - ⇒ During regular maintenance the pivot points may have been over tightened; slightly loosen the bolts in this area.

### EDGE TREATMENT

- ArmorEdge™ is peeling: This sprayed-on edge does not commonly peel, but children may be peeling it with a good amount of effort. When ordering new replacement tops be certain of the length; there is a difference between the inner & outer leaf of table/bench top.
- DuraEdge™ is peeling: This vinyl edge has a barbed "T" that fits in a slot in the top & is nailed 6" O.C. Children may peel it. Two Solutions: Order new vinyl (remove old brads, clear & apply glue to slot, attach new vinyl & nail in new brads.) Or, order a new top.

### ADJUSTABLE BRACE RODS

- Inner leaf hits cabinet top lock: Shorten brace rod directly under the inner leaf by adjusting bolt with 2-nuts (loosen nut closest to rod, adjust bolt 1/2 turn, re-tighten, repeat if needed.) When folding into cabinet inner casters come off sill at once when crossing plain of sill.
- Springy fight when folding table/bench: Is outer leg bottoming out on outer leaf? Shorten outer brace rod. If outer leaf is bottoming out on inner leg as it's vertical in cabinet, lengthen brace rod, with the objective to bring leg parallel with top when folded into cabinet.

### LAMINATE

Orange spots on tops: This is rust which comes about when tops are put away wet. Dry all tops before storing in the cabinet.

**Questions: Contact dealer or Customer Service - 800/290-5960**

