

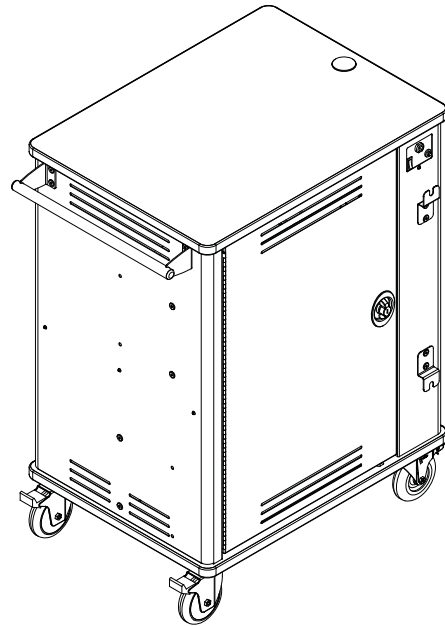
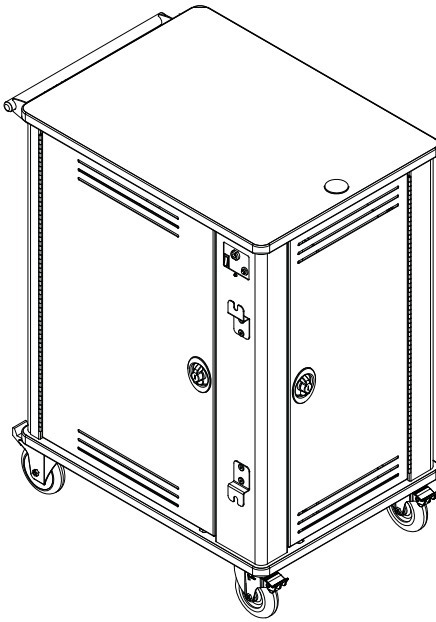
Owner's Manual

eVolve™ Multi-Tech Cart

55480DW	base cart
55481DW	base cart + 8 wire dividers (for 8 units)
55482DW	base cart + 16 wire dividers (for 16 units)
55483DW	base cart + 24 wire dividers (for 24 units)
55484DW	base cart + 32 wire dividers (for 32 units)

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com



CAUTION:

Before using this product, read this manual and follow all safety and operating instructions.

Before you begin, please make sure all parts and proper quantities are included. Any parts damaged during shipment must be reported within 15 days of receipt. To report information regarding damages or if you have any questions, please call 1-800-235-1262.

To purchase parts or accessories, please contact us at
www.spectrumfurniture.com
1-800-235-1262

Thank you for purchasing Spectrum products!



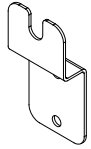


Safety

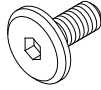


- Read this owner's manual before assembly or operation.
- Do not allow children to move cart.
- Move slowly and carefully when mobile.
- For indoor use only. Do not install or store the unit where it will be exposed to weather. Keep unit dry.
- For added safety, plug the unit into a grounded three-prong receptacle controlled by a GFI (Ground Fault Interrupter) circuit breaker.

Hardware Package Contents



(4) 0105648
cord wrap bracket



(12) 052605
1/4-20 x 15mm JC bolts



(1) 025039
4mm hex wrench

Tools Required



Phillips screwdriver



4mm hex wrench
(included)

Assembly / Setup

Handle Assembly

1. Attach the handle to the cart with (4) 1/4-20 x 15mm JC bolts and tighten securely. **Figure 1.**

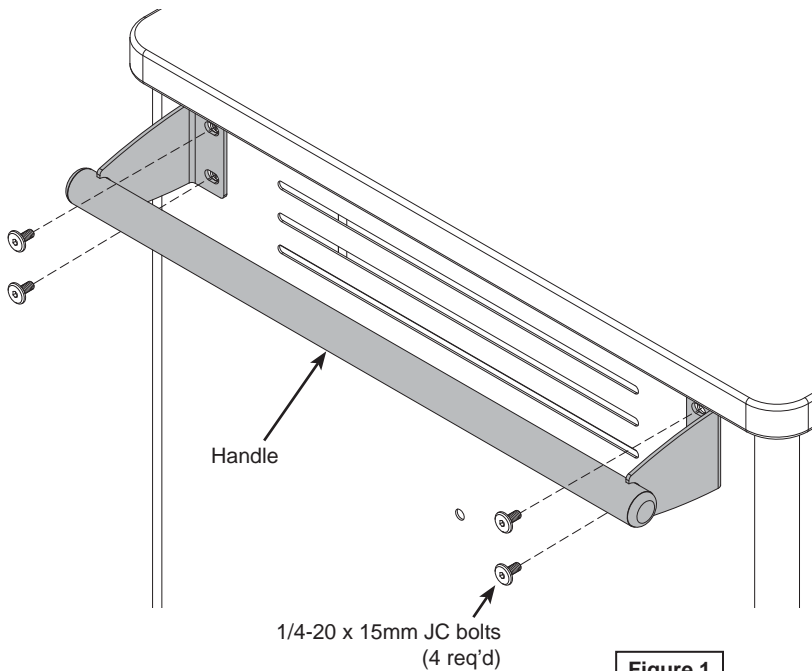


Figure 1

Cord Wrap Bracket Assembly

1. Attach the (4) cord wrap brackets to the outside of the cart with 1/4-20 x 15mm JC bolts (2 each) and tighten securely. Be sure the brackets are facing away from each other as shown. **Figure 2.**
2. Wrap the power cord around the brackets as necessary.

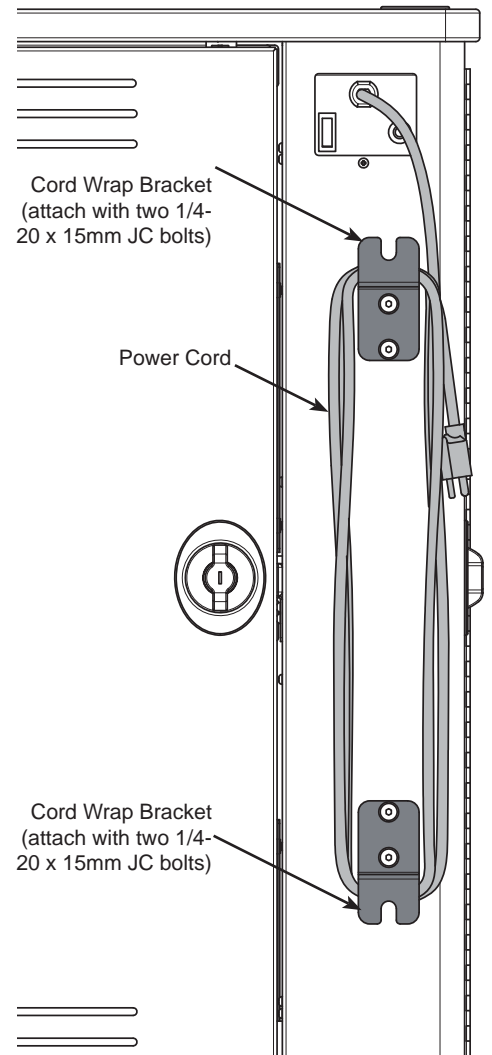


Figure 2

Divider panel & wire divider setup

Note: Each divider panel can be installed in 2 different positions to accommodate different devices. For full-size laptops, the divider should be at the full-depth position, for tablets and netbooks, the divider should be at the mid position.

- To relocate the upper and lower divider panels, use a 4mm hex wrench to remove the (4) 1/4-20 x 15mm JC bolts securing each divider panel. **Figure 3.**
- Re-position the dividers and align the mounting holes.
- Re-install the JC bolts into the divider in the new position and tighten securely.

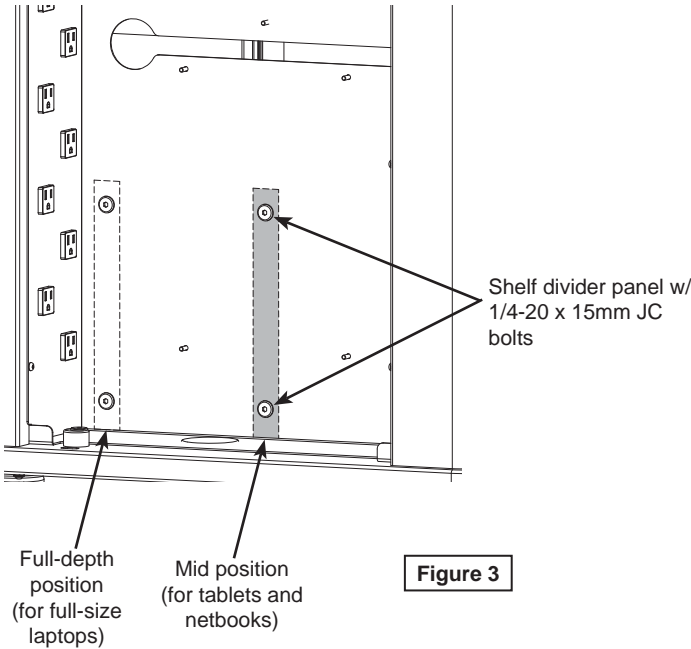
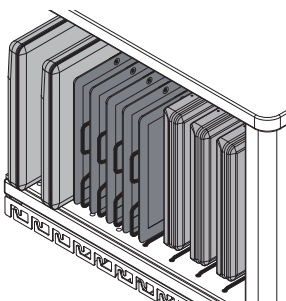


Figure 3

- The wire dividers can be installed to configure each shelf for multiple types of devices. This chart indicates how each shelf can be configured with divider spacing and device quantities.

Wire Divider Spacing	Depth	Height	Max units per shelf	
2 5/8"	16 7/8"	15 1/16"	8	Full-size laptop
2"	10 5/16"	15 1/16"	20 (10 per side)	Netbook
1 1/4"	10 5/16"	15 1/16"	32 (16 per side)	Tablet (iPad®)

- Determine which devices will be stored on each shelf and configure the wire dividers accordingly. See **Figure 4-6** for suggested divider orientation, spacing, and hole usage.



Note: Wire dividers can be positioned to accommodate tablets, laptops, netbooks, or a combination of all three.

Figure 7

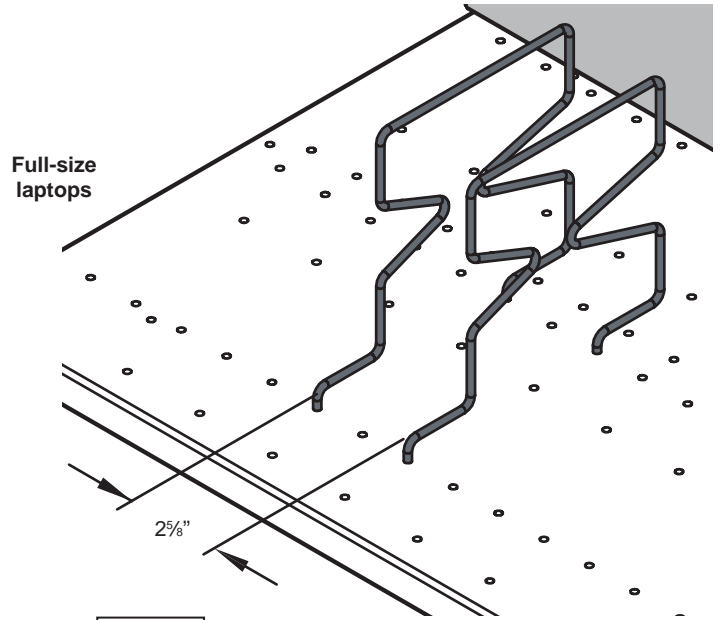


Figure 4

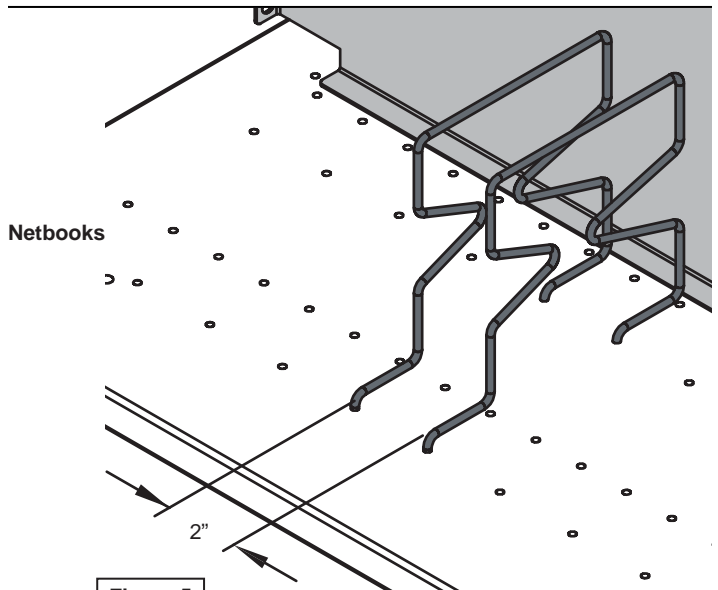


Figure 5

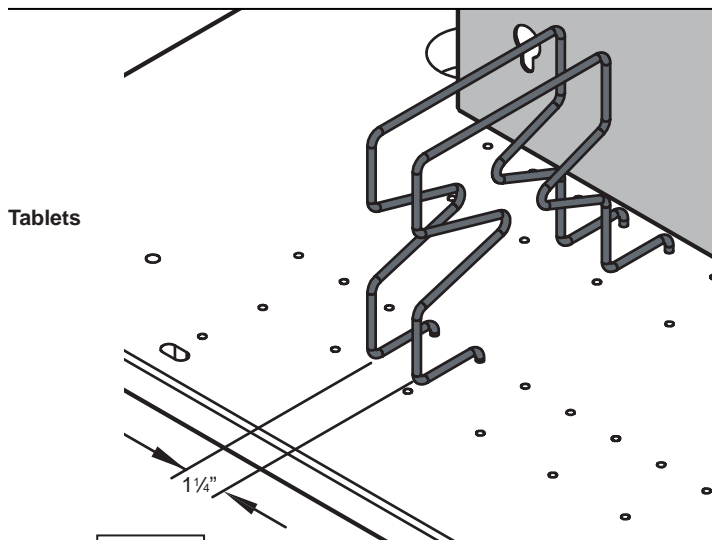
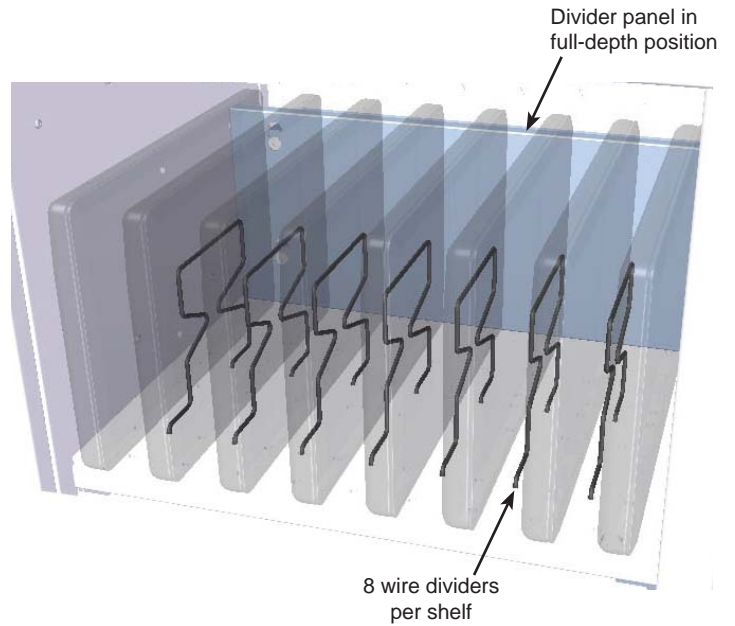
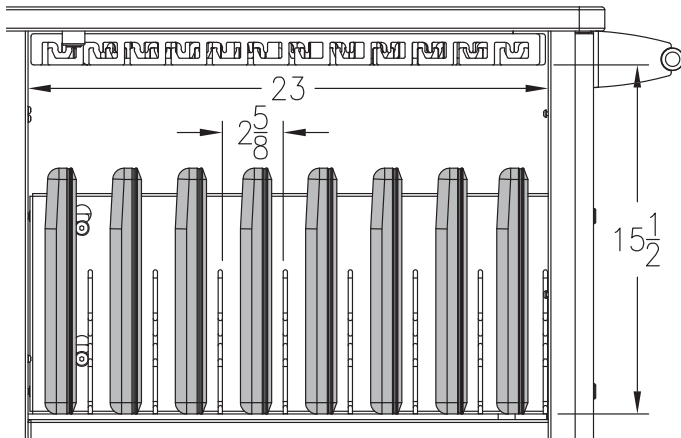


Figure 6

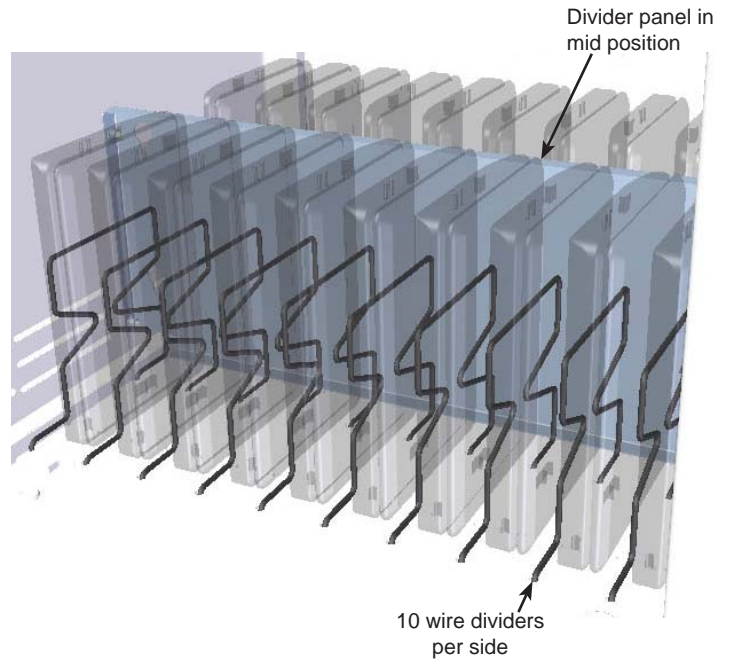
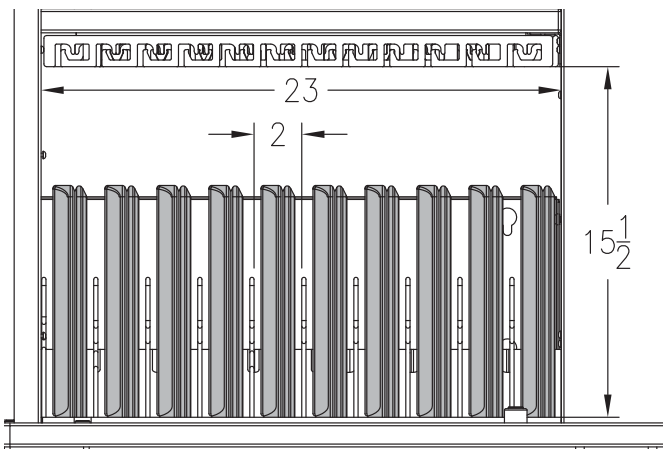
Full-size Laptops

up to 8 full-size laptops per shelf
8 wire dividers configured for full-size laptops with divider panel located in full-depth position



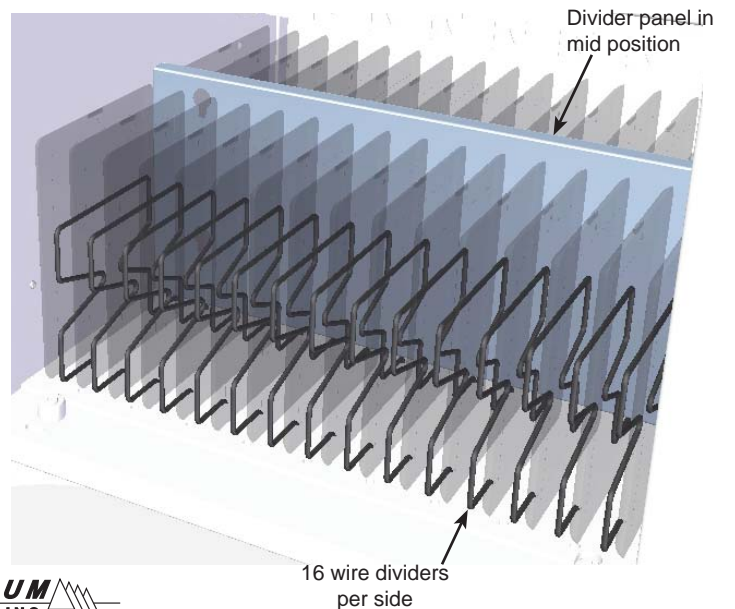
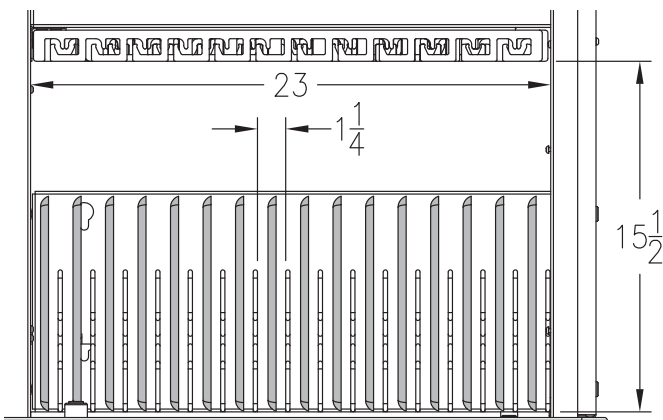
Netbooks

up to 20 netbooks per shelf (10 per side)
10 wire dividers configured for netbooks with divider panel located in mid position



Tablets

up to 32 tablets per shelf (16 per side)
16 wire dividers configured for tablets (iPads® shown) with divider panel located in mid position



Cord Management - Storage Compartment

1. Route all device power/charge cords from the electrical compartment through the cord passage to the device storage compartment.
 2. Use the cord management bars above each storage bay to route the cords from the electrical compartment to each device as shown.
- Figure 7.** Each power cord should hang directly above each device.

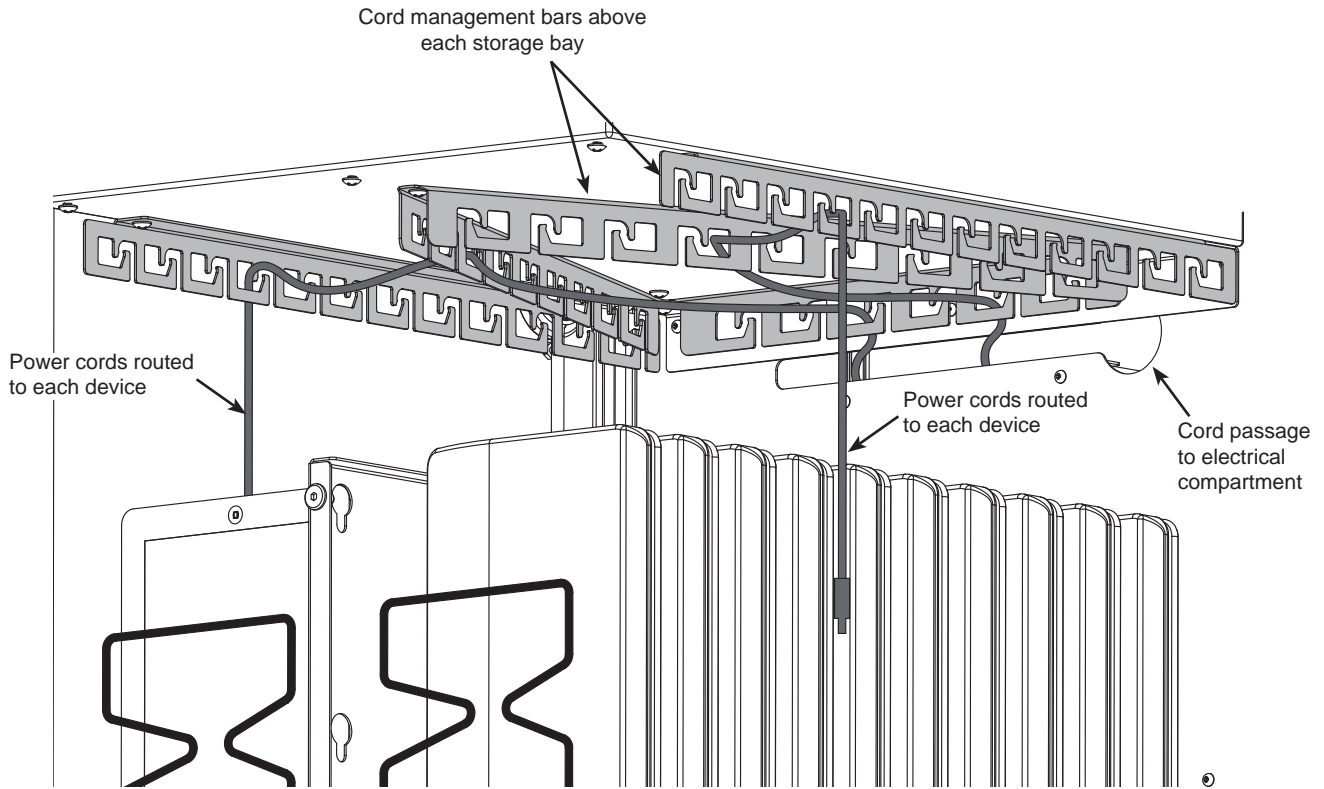


Figure 7

Top view of cord management bars and power cord routing from electrical compartment to devices

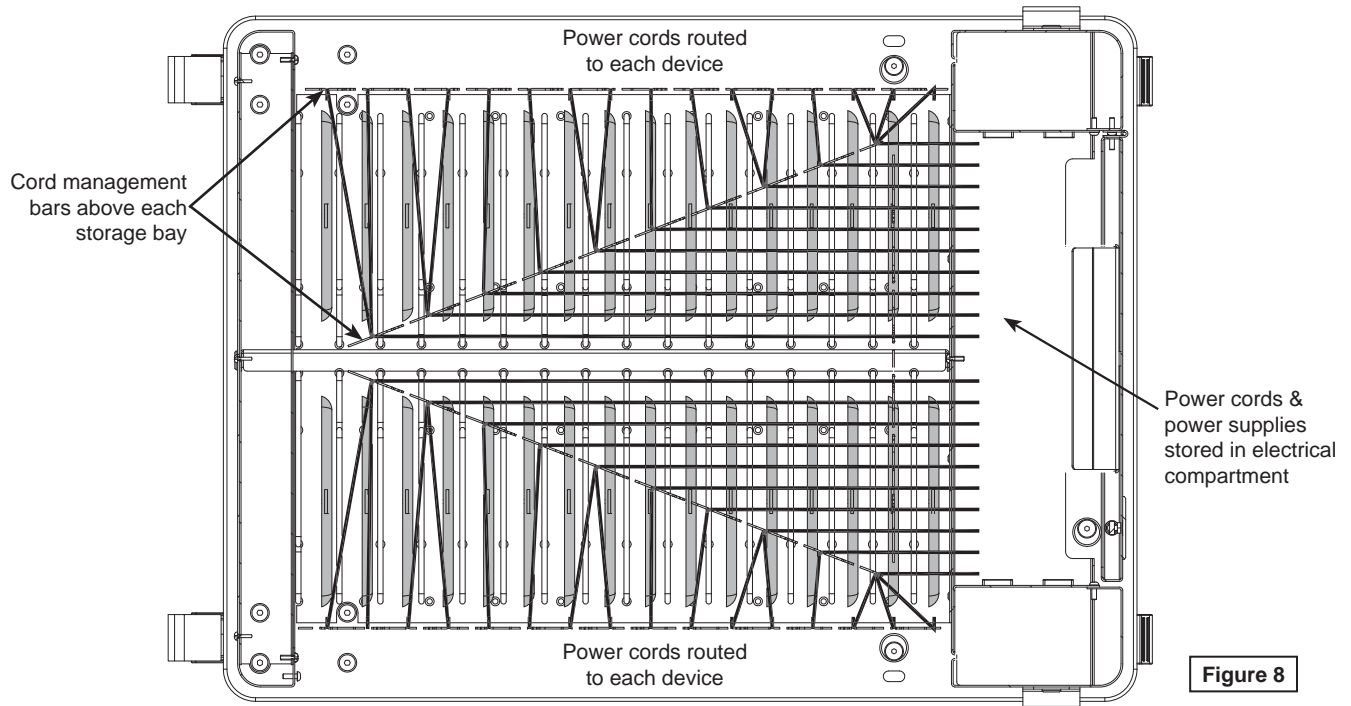


Figure 8

Cord Management - Electrical Compartment

Large power supplies:

1. Open the organizer door. **Figure 9.**
2. Place power supplies into the storage shelves in door.
3. Route charge cords to the devices in the storage compartment through the slot above the organizer (not shown).
4. Use the tapered side slots to wrap and secure excess power supply cord.
5. Plug the power supplies into the power units.
6. Close organizer door.

Note: The power cord organizer (not included) is an option that should be used when larger power supplies or many cords are being used in the cart.

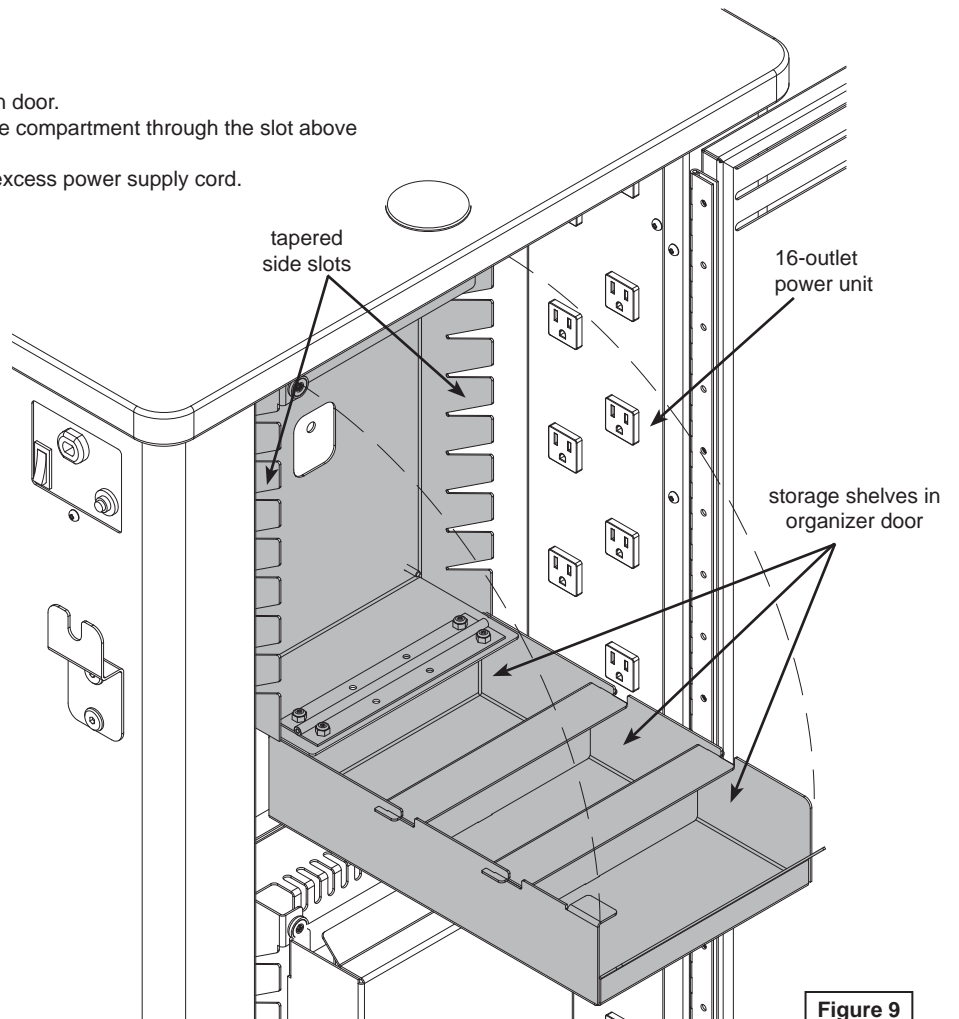


Figure 9

Direct plug power supplies:

1. Bundle the power cords together as necessary. **Figure 10.**
2. With both power units switched off, plug the power supplies into the power units.

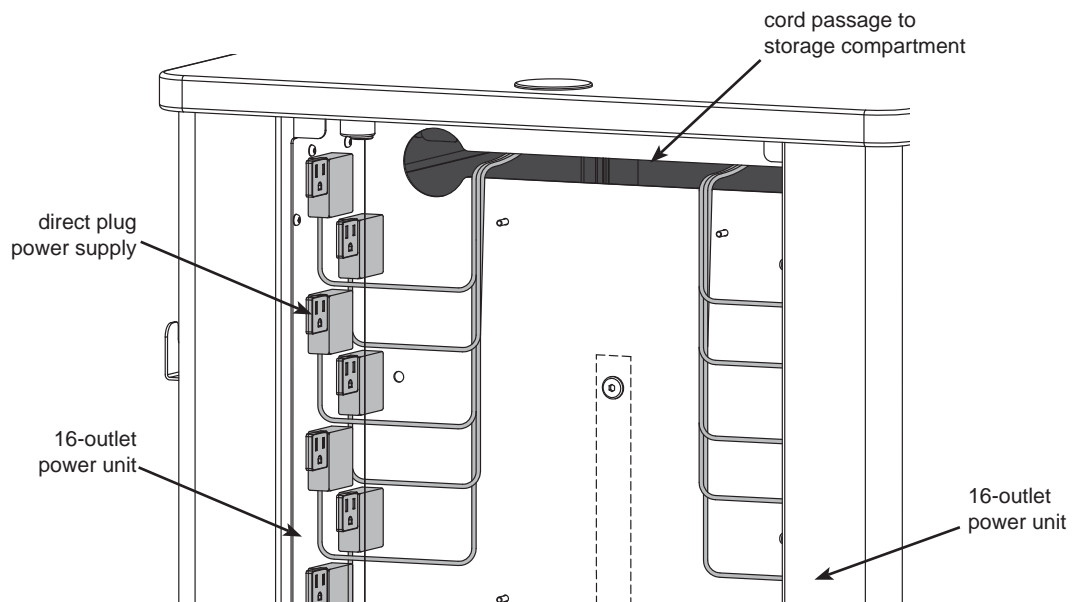


Figure 10

Wheel Operation

Two directional, swivel locking 5" directional balloon wheels are provided and can be rotated and locked at 180° intervals to be rigid, or unlocked to be swivel. This provides control when transporting between classrooms, while allowing maneuverability in tight spaces.

1. To lock the wheel direction, align each wheel with the cart width and depress the brake lever. **Figure 11.** (Each wheel can be locked at 180° intervals)
2. To resume swivel operation, unlock each brake lever.

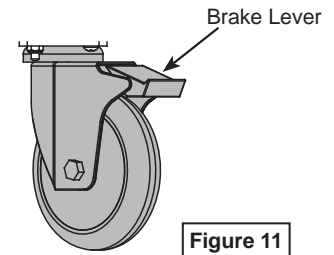


Figure 11

Note: Wheel rotation cannot be locked on directional wheels. To prevent the cart from rolling, lock the standard locking balloon wheels on the other side of the cart.

Door Stop Adjustment

If necessary, the offset door stop can be rotated slightly to adjust the closed position of the doors and lock rods.

1. To rotate, loosen the JC bolt slightly with a 4mm hex wrench. **Figure 12.**
2. Rotate the door stop until the door is positioned correctly.
3. Re-tighten the JC bolt securely.

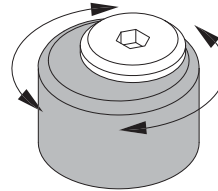


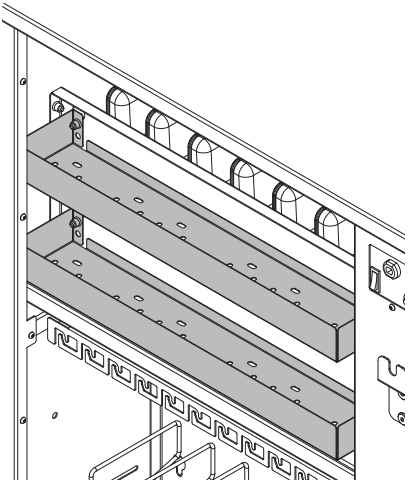
Figure 12

Moving the Cart

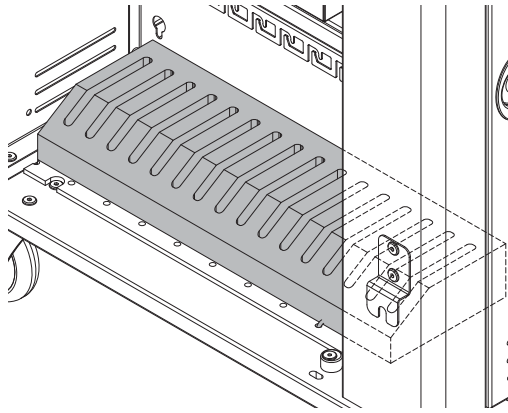
1. Before moving the unit, unplug all power cords and wrap excess cords around the cord wrap brackets.
2. Be sure the casters are in the unlocked position and the doors closed.
3. Move the cart slowly and carefully.
4. Lock the casters after moving.

<p>WARNING ATTENTION</p>				
<p>CAN TIP OVER RESULTING IN RISK OF INJURY, DO NOT ALLOW CHILDREN UNDER 16 TO MOVE CART. MOVE CART SLOWLY.</p> <p>PEUT BASCULER, ENTRAINANT UN RISQUE DE BLESSURE, NE LAISSEZ PAS LES ENFANTS DO MOINS DE 16 POUR DEPLACER PANIER. DEPLACER PANIER LENTEMENT</p>	<p>ONLY ADULTS SHOULD MOVE THIS UNIT</p> <p>SEULS LES ADULTES DEVRAIENT PASSER CET APPAREIL</p>	<p>APPLY MOVING FORCE ON NARROW DIMENSION</p> <p>APPLIQUER UNE FORCE EN MOUVEMENT SUR LA DIMENSION</p>	<p>NEVER APPLY FORCE AT TOP ALWAYS PUSH NEAR MIDDLE</p> <p>JAMAIS EMPLOYER LA FORCE EN HAUT TOUJOURS POUSSER PRES DU MILIEU</p>	<p>PUSH, DO NOT PULL</p> <p>POUSSER, NE TIREZ PAS</p>

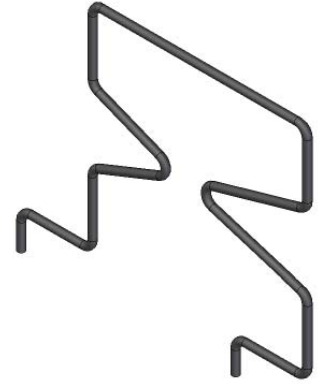
eVolve Multi-Tech Cart Options



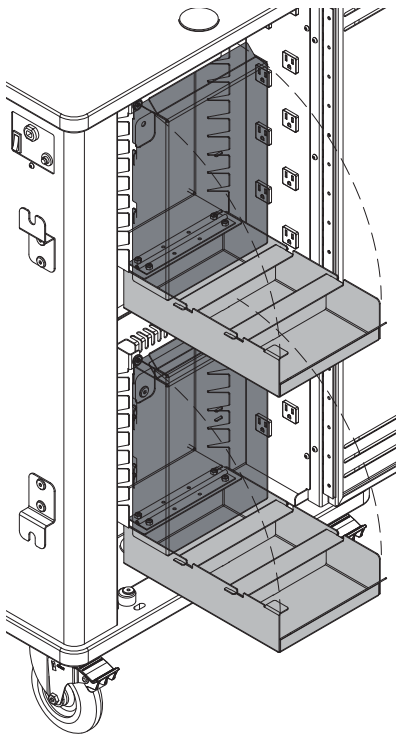
Power Supply Tray
storage for cords, power supplies, or additional items (max 2 per divider panel)
55487



Small Device Foam Module
stores smart phones & other small devices
16 slots, slot size: 1/2"W x 5 1/2"D x 15/16"H
55486



Wire Divider Kit
8 included
55485



Power Cord Organizer
(2 shown-max 2 per cart)
55488



Velcro® Strap Kit
(16) 3/4" x 12", & (32) 3/4" x 5" straps
95004



Replacement Key Set
55142

Capacity

Internal area	23"W x 21"D x 35½"H - device storage compartment 15½"W x 4¼"D x 35¾"H - electrical compartment																					
Total device capacities (recommended maximum per cart)	up to 16 full-size laptop/notebook computers up to 32 netbooks up to 32 tablets																					
Device storage shelves/bays	2																					
Wire divider slot sizes	<table border="1"> <thead> <tr> <th>Width</th> <th>Depth</th> <th>Height</th> <th>Max units per shelf</th> <th></th> </tr> </thead> <tbody> <tr> <td>2⅝"</td> <td>16⅞"</td> <td>15⅞"</td> <td>8</td> <td>Full-size laptop</td> </tr> <tr> <td>2"</td> <td>10⅝"</td> <td>15⅞"</td> <td>20 (10 per side)</td> <td>Netbook</td> </tr> <tr> <td>1¼"</td> <td>10⅝"</td> <td>15⅞"</td> <td>32 (16 per side)</td> <td>Tablet (iPad®)</td> </tr> </tbody> </table>		Width	Depth	Height	Max units per shelf		2⅝"	16⅞"	15⅞"	8	Full-size laptop	2"	10⅝"	15⅞"	20 (10 per side)	Netbook	1¼"	10⅝"	15⅞"	32 (16 per side)	Tablet (iPad®)
Width	Depth	Height	Max units per shelf																			
2⅝"	16⅞"	15⅞"	8	Full-size laptop																		
2"	10⅝"	15⅞"	20 (10 per side)	Netbook																		
1¼"	10⅝"	15⅞"	32 (16 per side)	Tablet (iPad®)																		
Electrical	<p>The eVolve cart has two 16-outlet (32 total available outlets) 125V power units, each with a 15-amp breaker, on/off switch, and a 15' nominal 14 AWG 3-wire power cord. A locking third door compartment isolates and separates electrical line voltage from students.</p> <p>Note: The eVolve Multi-Tech Cart features two separate 16-outlet charging circuits on separate cords. The customer should be aware of the amp draw of the devices used with this cart-especially when maxing out the storage capacity with laptops or netbooks. Amp draw can vary considerably between different computing devices. Exceeding 15 amps per 16-outlet power unit will trip the circuit breaker. Please consult the owners manual of your specific laptop computer for further information</p>																					
5" balloon wheels	weight capacity 325 lbs each	Four 5" balloon wheels (2 rigid, 2 directional swivel locking)																				
Power cord organizer (optional accessory)	shelf dims: 7⅞"W x 2⅜"D x 4"H	3 shelves per flip-up panel, max two organizers per cart																				
Small device slotted foam module (optional accessory)	space available per slot: ½"W x 5½"D x 15⅞"H	14 slots available																				
Power supply tray (optional accessory)	21⅝"W x 3⅝"D x 1⅝"H																					
Unit weight (nominal)	221 lbs																					
Shipping weight (nominal)	271 lbs																					
Meets or exceeds all ANSI-BIFMA test standards																						

Specifications subject to change without notice

Warranty

WE WILL MAKE IT RIGHT FOR YOU!

Spectrum is committed to provide complete customer satisfaction. Each of our products are manufactured from the best materials available and each product is stringently monitored throughout the production process through our P.A.C.E. program (Product Assurance to meet Customer Expectations). Our Customer Service Help Line 1-800-235-1262 is ready to provide immediate attention to any questions, comments or concerns. We are available to answer your calls Monday through Friday from 7 am to 5 pm CST, excluding observed holidays. In addition your product comments or concerns are welcome via e-mail at: spectrum@spectrumfurniture.com.

Warranty Statement

We guarantee all Spectrum products to be free of all defects in materials and workmanship, for the original owner, for a period of ten years. Any item deemed defective by Spectrum or the original manufacturer, under normal use conditions, will be repaired or replaced at Spectrum's discretion. This warranty applies to all products manufactured and distributed by Spectrum except the products listed below.

Items that have a varying warranty include, but are not limited to, the following:

- Adjustable Crank/Electric Desk Legs (1 yr)
- Flat Panel Desk Gas Cylinders (1 yr)
- Upholstered Soft-Goods (5 yrs)
- Adjustable Height & Stacking Chair Parts – including frames, gas cylinders, wood and plastic parts, and control handles (7 yrs)
- Adjustable Height & Stacking Chair Casters (2 yrs)
- Chair Upholstery & Textiles (2 yrs of normal use of Soft Goods, Adjustable Height, Stacking, Wood and Metal Chairs)
- Chair Upholstery - Graded-In Fabrics and C.O.M (no warranty)
- Height Adjustable Columns and Lifts (1 yr)
- General Use Casters (1 yr)
- Electrical – Electri-Pak, Power Communication Modules, and special order ECA electrical items (1 yr)
- Electrical - Power Strips & Electrical Timers (1 yr)
- Electrical Surge Suppressors (lifetime)
- Electrical - Retractable Power Cords (1 yr)
- Keyboard/Mouse Trays (1 yr)
- Flat Panel Monitor Arm – General Parts (5 yrs)
- Flat Panel Monitor Arm – Gas Cylinders (2 yrs)
- CRT Monitor Arm (1 yr)

Warranty is void if product is not used for its intended purpose or subjected to an unusual application, multiple-shift use, alteration, accident, abuse or abnormal wear and tear. Representations of colors on-line and in printed materials are meant to be a close reference to the actual colors but not an exact match. Slight variations in color and texture of wood stains, powder coating, laminates, fabrics and other materials are normal in different manufacturing lots; as such these variations are not considered defects.

DESIGNED FOR INDOOR USE ONLY – Unless specifically stated in the product specifications, Spectrum's products have been designed and constructed for indoor use only. Moving or using outdoors, or on excessively rough surfaces, may cause damage to the products and will void the warranty. If an outdoor application is desired please contact us to discuss potential custom design solutions.

The warranty, as stated above, supersedes any previous warranties and is effective as of 9/1/2010



Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

