Owner's Manual

SPECTRUM
INDUSTRIES INC.

mLT-30 Mini Laptop Cart w/ TW casters

55315TW	mLT-30 Laptop Cart
55319TW	mLT-30 w/ wire management trays
55318TW	mLT-30 w/ wire management trays & rear locking door
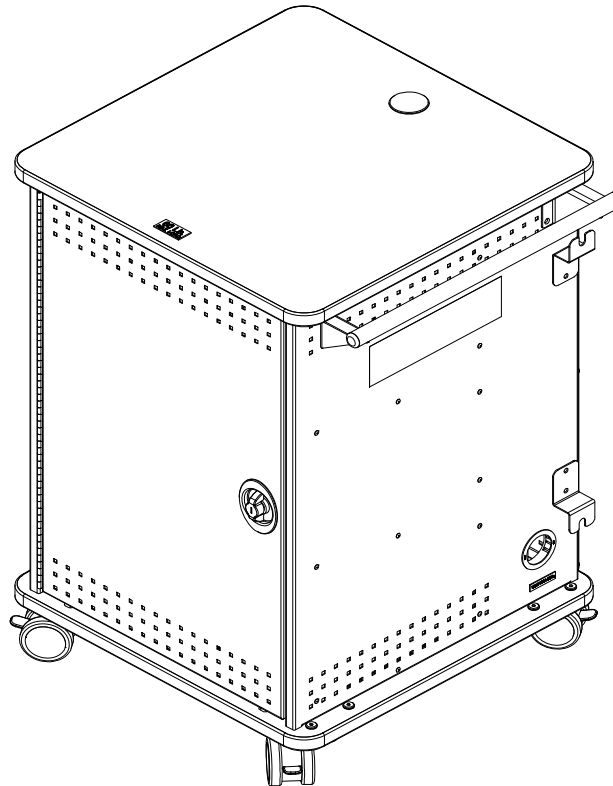
55315TW
mLT-30 Mini Laptop Cart
w/ 3" Twin Wheel casters

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

IMPORTANT:
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 choosing Spectrum products!

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

Spectrum Industries, Inc.
Chippewa Falls, WI 54729, USA

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⚠ 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

(14) 052605
1/4-20 x 15mm JC Bolt

(100) 0102376
11" Zip Tie

(1) 025039
4mm Hex Wrench

Tools Required
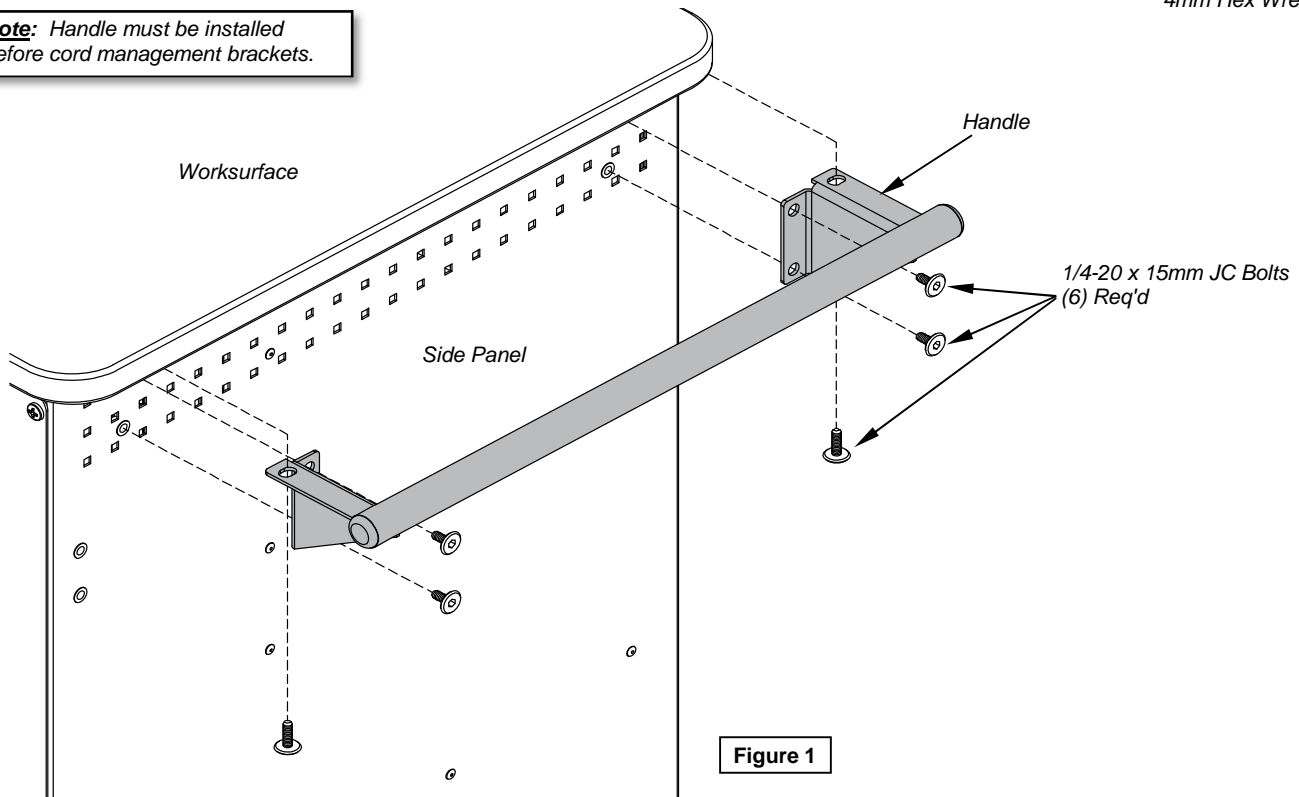
4mm Hex Wrench
(included)

Phillips Screwdriver

Assembly / Setup

1. Handle Installation

A. Attach the handle to the left or right the side panel with (4) 1/4-20 x 15mm JC Bolts, but do not tighten
   completely. **Figure 1**.
B. Install two more 1/4-20 x 15mm JC bolts through the handle and into the worksurface as shown.
C. Tighten all screws securely.

4mm Hex Wrench

Note: *Handle must be installed before cord management brackets.*

Handle

Worksurface

Side Panel

*1/4-20 x 15mm JC Bolts
(6) Req'd*

Figure 1

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2. Cord Management Bracket Installation

A. Attach the cord management brackets to the side panels (left and right-side) with 1/4-20 x 15mm JC bolts as shown in **Figure 2A a**nd tighten securely. Be sure the brackets are facing away from each other as shown.
B. Route each power cord through each lower side panel grommet as shown in **Figure 2B**.
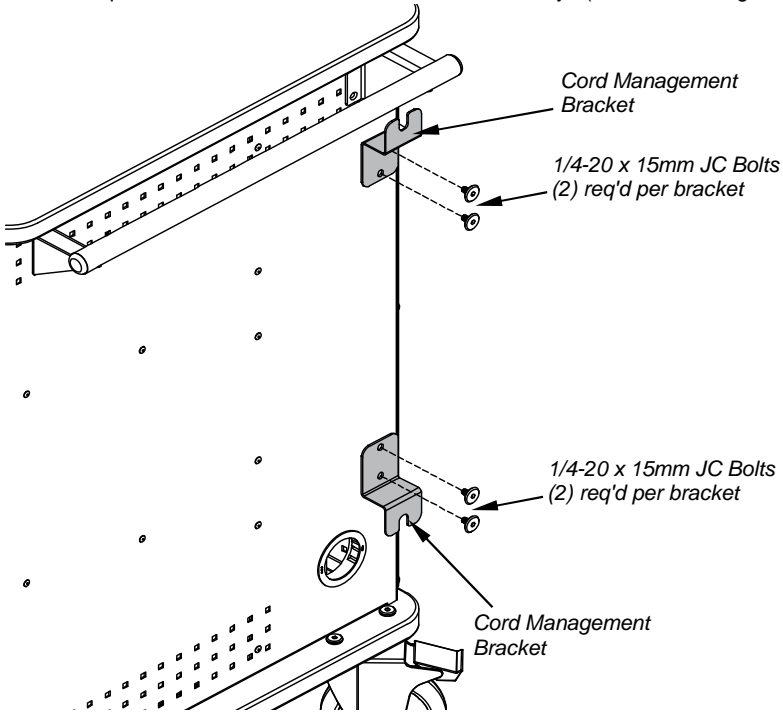C. Wrap excess cord around the brackets as necessary. (See cord management section for further information.)

Cord Management Bracket

1/4-20 x 15mm JC Bolts (2) req'd per bracket

Power Cord

1/4-20 x 15mm JC Bolts (2) req'd per bracket

Cord Management Bracket
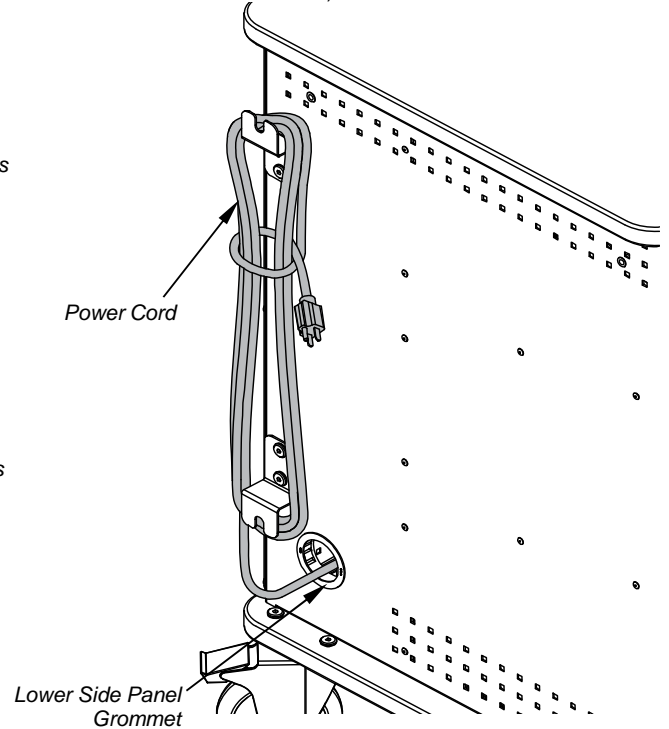
Lower Side Panel Grommet

Figure 2A

Figure 2B

3. Rear Panel Removal

A. The mLT-30 comes with the rear panel installed with (6) 1/4-20 x 5/8" PHM screws. To remove the panel, remove the screws with a Phillips screwdriver. **Figure 3**.

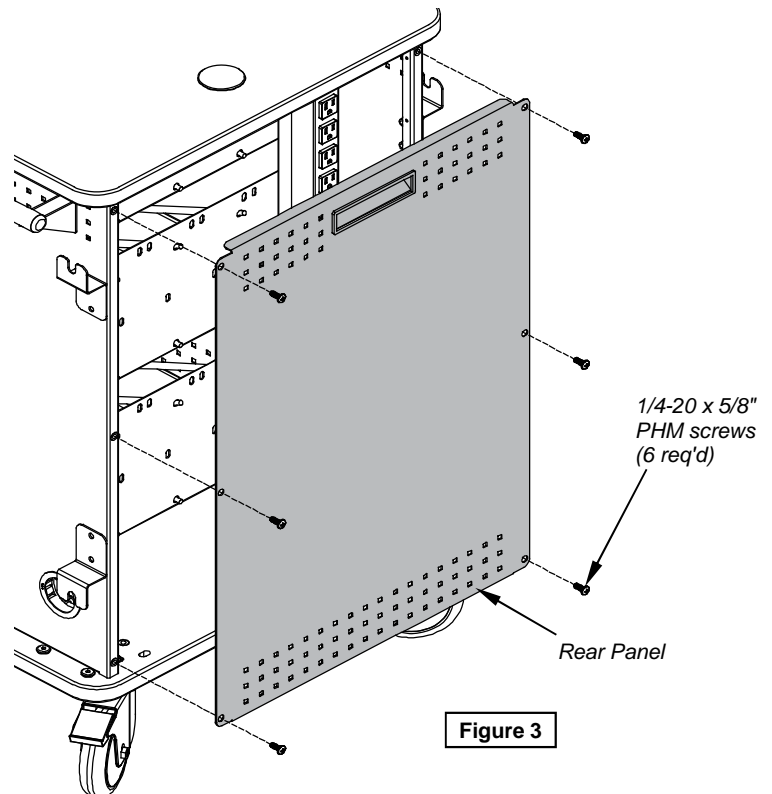*Note: Keep PHM screws tightened securely at all times.*

*1/4-20 x 5/8" PHM screws (6 req'd)*

Rear Panel

Figure 3

4. Cord Management & Setup

A. Remove the rear panel (or open rear door.) Make sure all power cords are unplugged.
B. To wire multiple laptop chargers in a row, stack two chargers together along with the necessary bundled charge cords, and attach to the cart using zip ties and the cord management slots shown in **Figure 4A**.
C. ***Charge cords can be routed to the laptops several different ways depending where the charge jacks are located on your particular laptops.*** Use zip ties and the cord management slots to route and anchor the laptop charge cords to the cart. Cords can be anchored with the included zip ties as shown. **Figure 4B**. Pine-tree clips are also installed under the worksurface for securing charge cords. **Figure 4B & 4C**.
D. With the power strip switches in the 'OFF' position, plug the transformers into the power strips, and the transformers into the laptops.
E. When plugging the power strips into wall outlets, be sure a separate circuit is used for each power strip.
F. When all power strips and laptops are plugged in, flip the power switches to the 'ON' position.
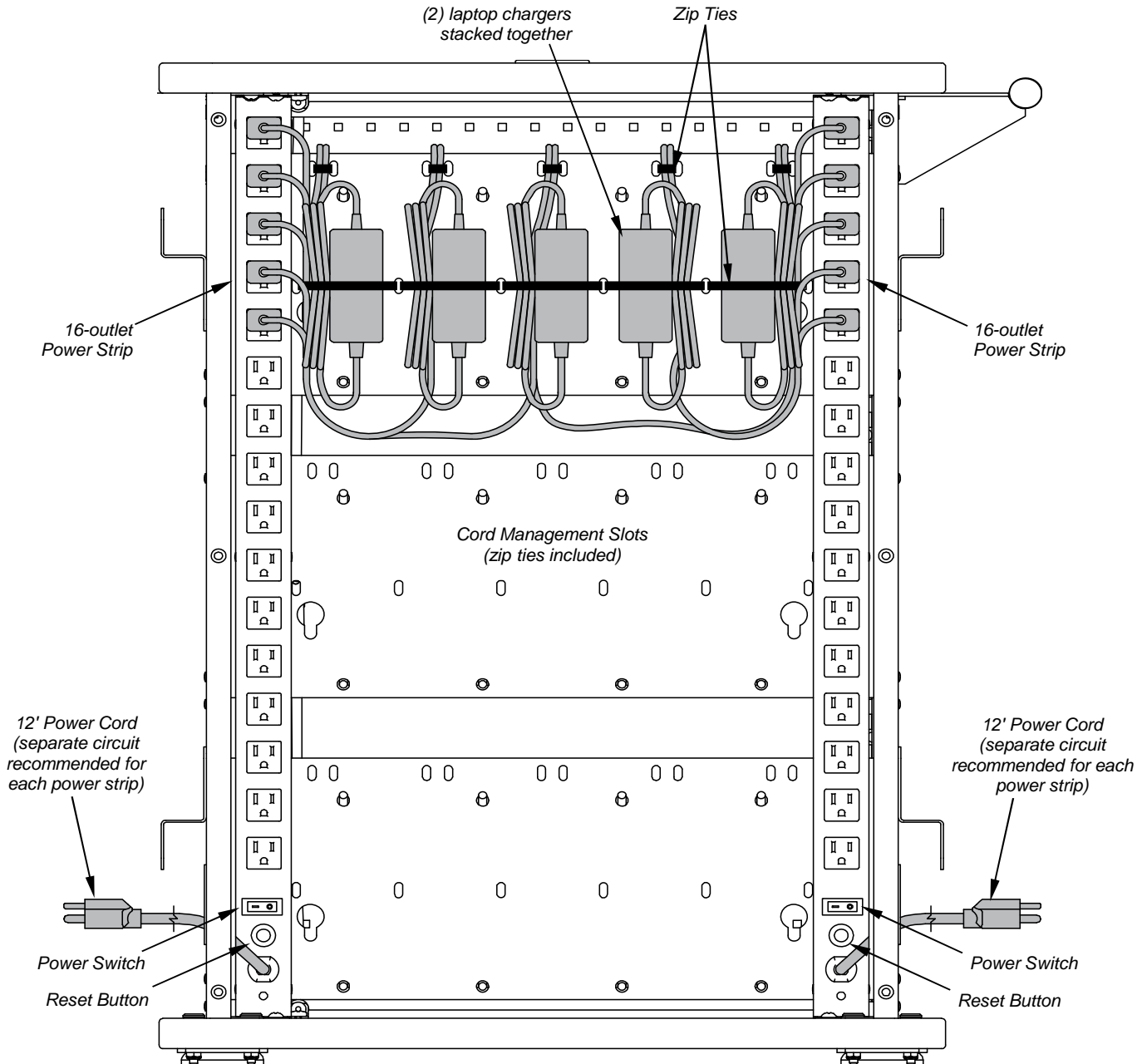
*mLT-30 Mini Laptop cord management
rear view (shown without rear panel)*

Figure 4A
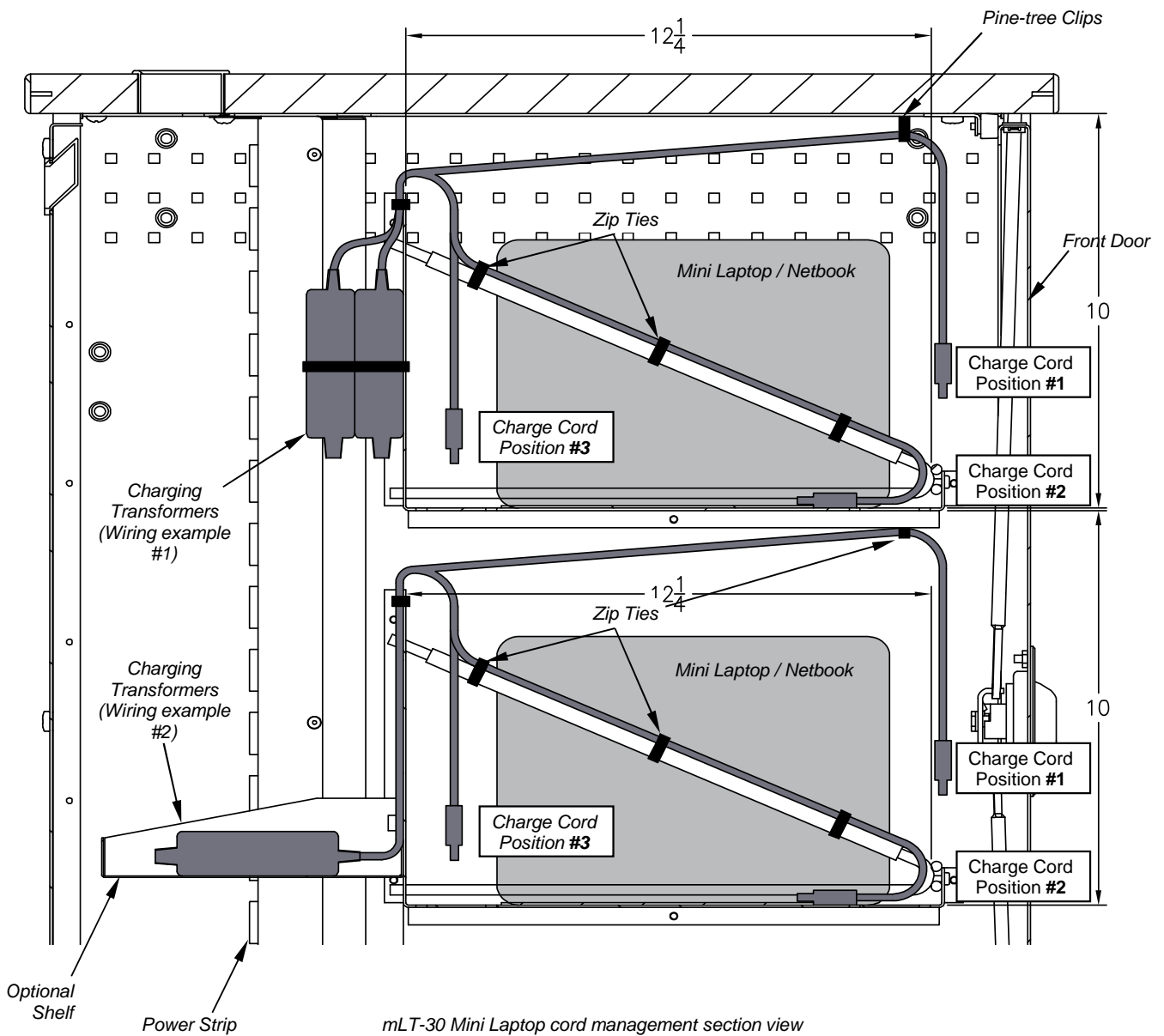
mLT-30 Mini Laptop cord management section view

Figure 4B

Pine-tree Clips

Worksurface

Mini-Laptop /
Netbook
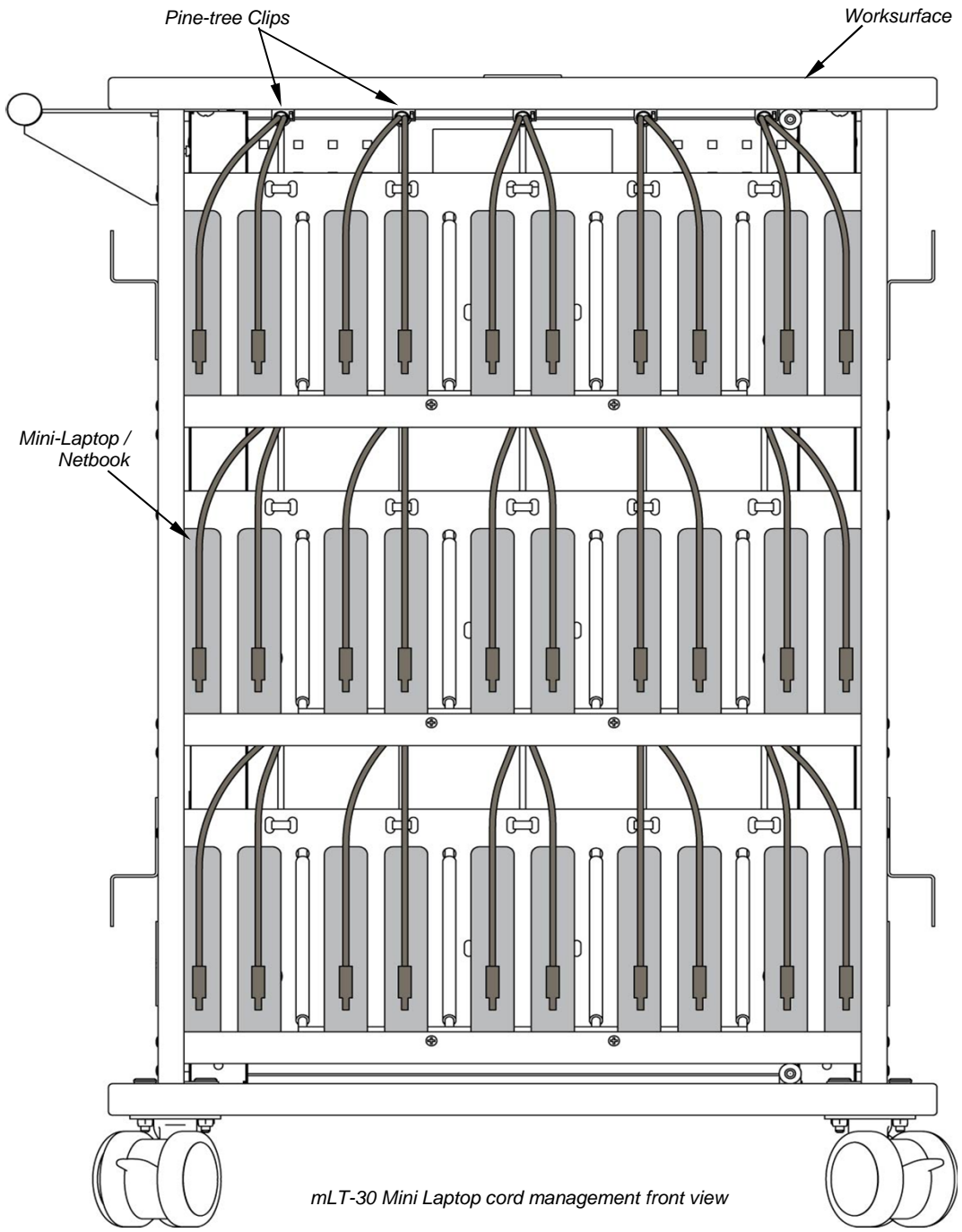
mLT-30 Mini Laptop cord management front view

Figure 4C

mLT-30 Power Cord Management (without optional timer or cord reel)

A. Switch off both power strips.
B. Route the power strip cords as shown. **Figure 5**. Use the cord management brackets for excess cords.
C. When plugging the power strips into wall outlets, be sure a separate circuit is used for each power strip.
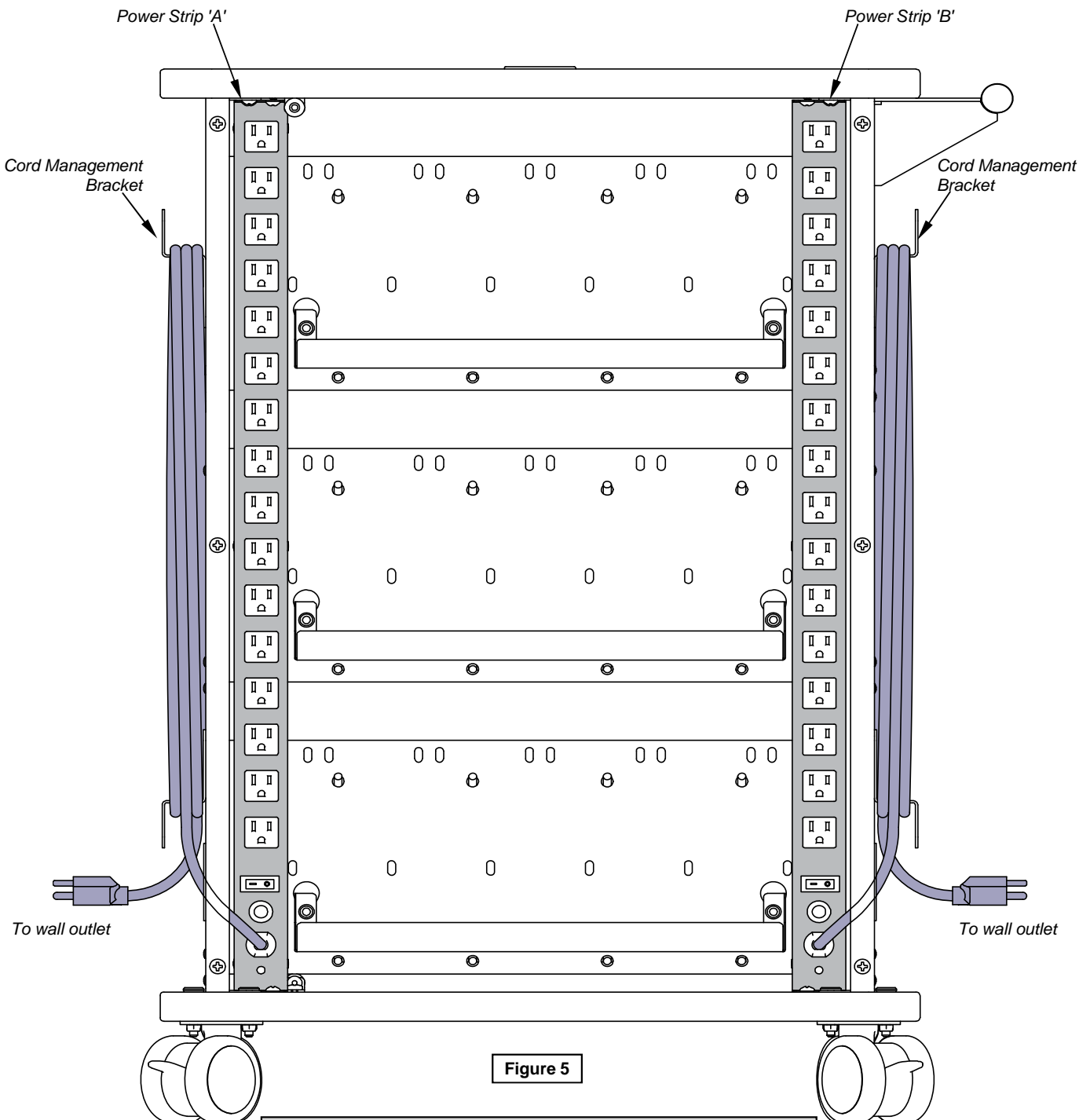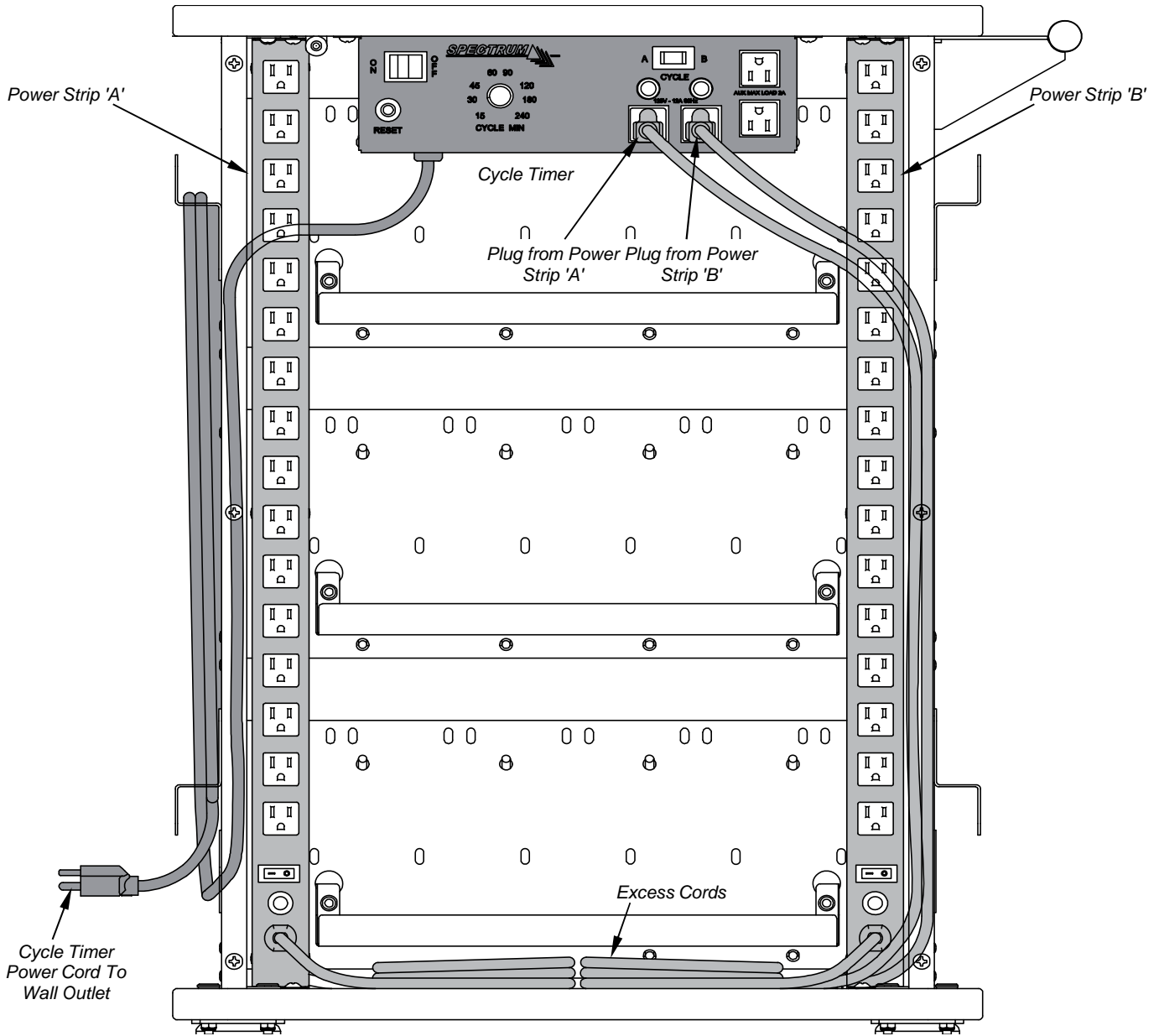D. When all power strips and laptops are plugged in, flip the switch on each power strip to the 'ON' position.

Power Strip 'A'

Power Strip 'B'

Cord Management Bracket

Cord Management Bracket

To wall outlet

To wall outlet

Figure 5

⚠ **CAUTION** ⚠

The mLT-30 Mini Laptop Cart features two separate 16-outlet charging circuits on separate cords. Some laptop notebook computers may draw more than $1/2$ amp when fully discharged. If that is the case, plugging the two power cords into separate 15-amp electrical outlets will prevent an electrical overload which may trip a circuit breaker. Please consult the owners manual of your specific laptop computer for further information.

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mLT-30 Power Cord Management (with optional timer)

A. **Switch both power strips and the cycle timer off.**
B. Route the power strip cords as shown and plug one in to the 'A' side outlet, and one into the 'B' side outlet on the timer. **Figure 6**.
   (routing these cords behind the power strips will provide easier access to the outlets.)
C. Plug the cycle timer power cord into wall outlet.

Power Strip 'A'

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ON / OFF   60 90
         45   120
         30   180
RESET   15   240
         CYCLE MIN

A   CYCLE   B

120V - 15A 60Hz   AUX MAX LOAD 3A

Cycle Timer

Power Strip 'B'

Plug from Power Strip 'A'   *Plug from Power Strip 'B'*

Excess Cords

Cycle Timer Power Cord To Wall Outlet

mLT-30 power cord management rear view (shown without rear panel)
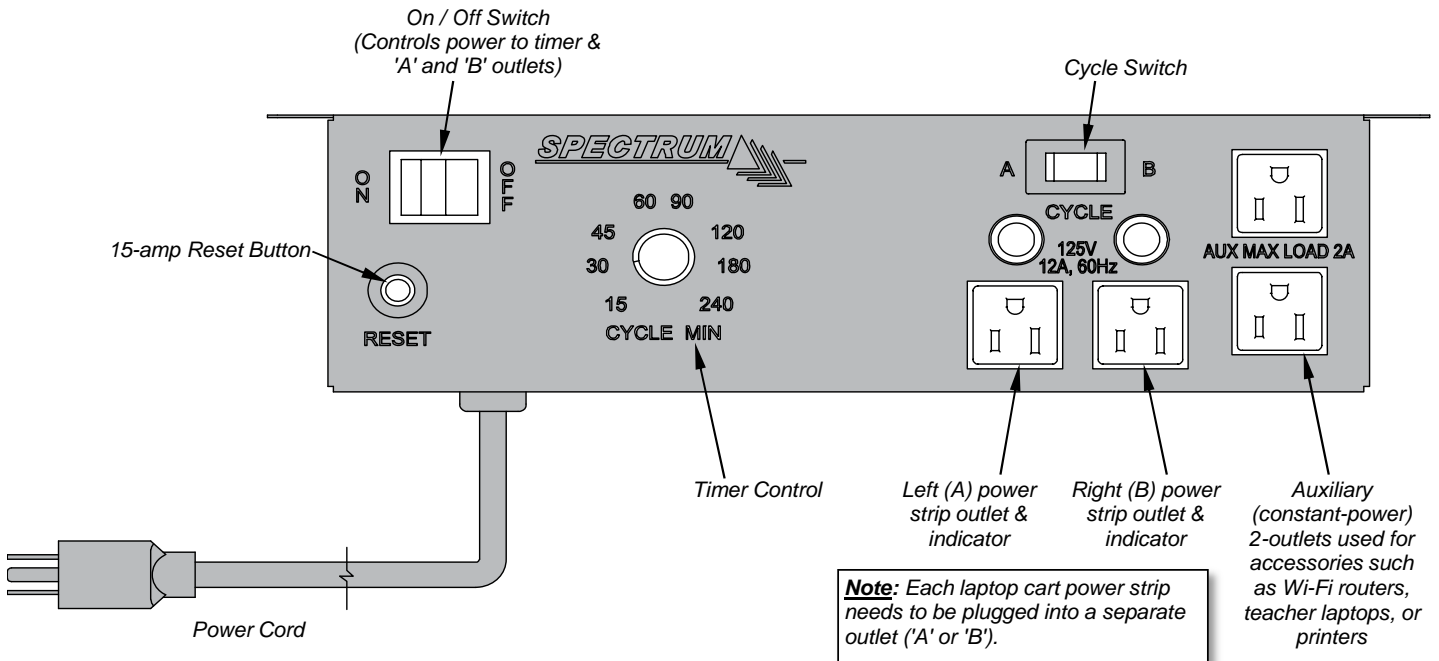
Figure 6

Moving the Cart

A. Before moving the unit, unplug all power cords and wrap around the cord management brackets.
B. Be sure the casters are in the unlocked position and the front door is closed.
C. Move the cart using the handle. After moving, lock the casters.

WARNING ATTENTION

CAN TIP OVER RESULTING IN RISK OF INJURY, DO NOT ALLOW CHILDREN UNDER 16 TO MOVE CART. MOVE CART SLOWLY.

PEUT BASCULER, ENTRAINANT UN RISQUE DE BLESSURE, NE LAISSEZ PAS LES ENFANTS DO MOINS DE 16 POUR DEPLACER PANIER. DEPLACER PANIER LENTEMENT

ONLY ADULTS SHOULD MOVE THIS UNIT

SEULS LES ADULTES DEVRAIENT PASSER CET APPAREIL

APPLY MOVING FORCE ON NARROW DIMENSION

APPLIQUER UNE FORCE EN MOUVE- MENT SUR LA DIMENSION

NEVER APPLY FORCE AT TOP ALWAYS PUSH NEAR MIDDLE

JAMAIS EMPLOYER LA FORCE EN HAUT TOUJOURS POUSSER PRES DU MILIEU

PUSH, DO NOT PULL

POUSSER, NE TIREZ PAS

SPECTRUM INDUSTRIES INC.

On / Off Switch
(Controls power to timer &
'A' and 'B' outlets)

Cycle Switch

15-amp Reset Button

Power Cord

Timer Control

Left (A) power strip outlet & indicator

Right (B) power strip outlet & indicator

Auxiliary (constant-power) 2-outlets used for accessories such as Wi-Fi routers, teacher laptops, or printers

Note: *Each laptop cart power strip needs to be plugged into a separate outlet ('A' or 'B').*

Using Timer:

The timer prevents overload by alternating power between both power strips in the cart, providing charging to multiple laptops during the day. The power strips plug into the outlets labeled 'A' or 'B'.

The timer control can be adjusted between 15-240 minutes. This is the number of minutes a power strip will be "hot" before the timer switches to the other power strip. 15 minutes can be used as the default setting, but the time setting will depend on the laptop size, battery capacity, frequency of laptop use, and the time available for charging between uses. Lower minute settings should be used if the laptops are being used more frequently.

• To cycle charge both 'A' and 'B' sides, keep the cycle switch in the middle 'Cycle' position, then set the timer control to the desired cycling increment. After the Side 'A' time expires, the timer will activate Side "B" for the same period of time and will continue to cycle until the On/Off switch is set to the "OFF" position.

• To manually-override the timer function, and charge side 'A' only, switch the cycle switch from the middle to the 'A' position.

• To manually-override the timer function, and charge side 'B' only, switch the cycle switch from the middle to the 'B' position.

Specifications:

• 15-amp, 120 volt, 60Hz (1875 watt max) circuit breaker
• 15-240 minute timer
• 20' 14 AWG power cord

⚠ **CAUTION** ⚠

• *Do not use the auxiliary outlets to charge multiple laptops (use the 'A' and 'B' outlets only.)*
  Auxiliary outlets are for peripheral use only.
• *Total equipment load not to exceed 15-amps per power strip.*
• *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 timer into a grounded three-prong receptacle controlled by a GFI (Ground Fault Interrupter) circuit breaker.*
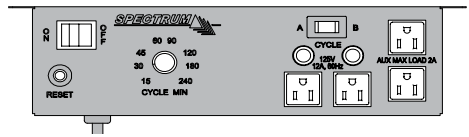
Value Cycle Timer
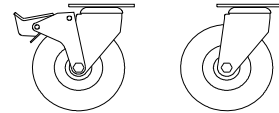*99035 - Timer only*
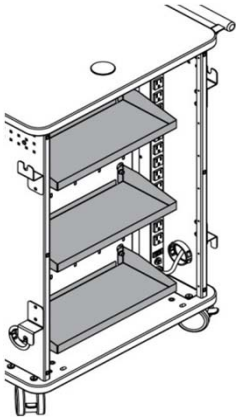
Wire Management Trays
16"W x 6"D x 2"H
(set of 3 trays holds charging
transformers and cords)
shipping weight: 7 lbs
55316
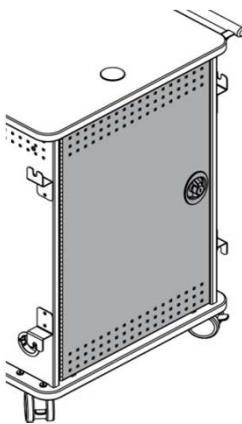
Rear Double-Bolt Locking Door
19¼"W x ¾"D x 30"H
(replaces rear panel)
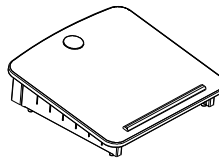*shipping weight: 13 lbs*
55317

5" Locking Balloon Wheels
set of 4, 2 locking, 2 non-locking
(used in high-mobility applications. For units
originally purchased with 3" TW casters.)
98506

Custom-Cut Logo
(Typical logo location on
rear panel or door)
55141

Replacement Key Set
55142

Lectern Riser
18"W x 17¹³/₁₆"D
95002

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

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

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