

BUILT WITH THE BEAUTY OF METAL

# ULTRALITE 200 Series

Lightweight, cost-effective mobility for laptops



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## 200 Series, Model & Part Numbers



**Model: 200**, Podium Laptop Cart



**Model: 210**, Laptop Secure Cart



**Model: 220**, PC & LCD Cart



**Model: 225-40**, Simplicity 22" LCD Cart

**Model: 225-41**, Simplicity 24" LCD Cart

## Symbol Information

The following symbols are used within this Users Guide and / or on the JACO product.

### Symbol



### Meaning

This symbol indicates that Caution should be taken.



This symbol indicates ATTENTION, consult the accompanying documents

## Product Labeling

### All 200 Series Mobile Carts

The 200 Series Mobile Cart is shipped with a P/N & Serial Number label for tracking and service assistance. This label is located on the rear surface of the Top Assembly. The information on this label is needed when contacting JACO Technical Service.



## General Specification

### **Mobile Cart**

**Work Surface Height:** 30" to 46"

**Keyboard Height:** 25.5" to 41.5"

**Work Surface:**  
**200 & 210 Laptop Carts** - 20" x 18.5"  
(210 Laptop opening 16.5" x 2.75")  
**220 PC Cart** - 20" x 16"  
**225-40 & 225-41 PC Carts** - 20" x 18.5"

**Internal Laptop  
or PC Storage:**  
**200 & 210 Laptop Carts** - 16" x 12" x 2.25"  
**220, 225-40 & 225-41 PC Cart** - 16" x 12" x 2.6"

**Casters:** 4" Single Wheel, Front Locking

**Wheel Base:** 16" x 13" x 16"

**Cart Weight:**  
(without options)  
**200 & 210 Laptop Carts** - 50 lbs  
**220 PC Cart** - 65 lbs, includes base counter weight  
**225-40 & 225-41 PC Cart** – 78 lbs, includes LCD,  
battery and base counter weight

Additional weight may be added based on Cart  
configuration & options

**Battery Power:** The 200, 210 and 220 Carts do not offer power.

The 225-40 and 225-41 Carts include a Lithium-  
ion battery (Li-ion prismatic) to power the  
monitor.

## Safety Recommendations and Warnings



**WARNING:** As with any mobile cart, caution must be taken when pushing the cart through elevator doorways and over thresholds. It is recommended that you lower the work surface to waist high and position the cart so that only one wheel contacts the threshold at a time. This will help keep the momentum of the cart moving forward and provide a safe transition.



**WARNING:** If your JACO Mobile Cart has a Drawer System option, limit weight per drawer to 2 lbs max, close drawers when moving and do not transport at more than a 5 degree slope.



**WARNING:** The JACO 225-40 and 225-41 Carts contain a lithium ion prismatic battery pack and as with all batteries, has specific shipping restrictions that must be addressed. Please contact JACO Customer Service for assistance before shipping any JACO product. *It is the Shippers responsibility to follow all Federal & State regulations when shipping lithium batteries.*



**WARNING: Additional 225-40 and 225-41 lithium ion battery important information:**

- \* Use battery in the applications intended, to power only the LCD provided.
- \* Do not dismantle the battery, there are no serviceable parts.
- \* Unplug the battery from AC power to clean or if it is not working properly.
- \* Do not short-circuit the battery.
- \* Do not expose the battery to heat or fire and avoid storage in direct sunlight.
- \* Do not subject battery to mechanical shock.
- \* Always keep the battery pack clean and dry.
- \* Retain this Users Guide and all original literature for future reference.
- \* In the event of battery leakage, do not allow the liquid to come in contact with the skin or eyes, if contact has been made, wash the affected area with water, seek medical advice.



**NOTE:** *Material Safety Data Sheets (MSDS) are available as needed, contact JACO Support for more information.*

## Proper Operation, Care & Maintenance

JACO products are designed and manufactured to provide years of operation. Take care to use the product as intended and keep clean for best overall performance.

Most of the surfaces of your JACO product are finished using a durable, antimicrobial powder coat finish. It is recommended that the surface areas that are in contact with day to day use be cleaned regularly. Always review the cleaning products that are being used and verify that it is safe to use on the powder coat finish. In general, a solution or wipe that is no more than 10% bleach, such as most germicidal wipes used in hospitals, will be acceptable but it is recommended that you consult with JACO Customer Service if you are not sure it is safe to use.



Your JACO Mobile Cart does not require any scheduled maintenance however it is good practice to clean the casters and check that the Cart height adjustment is operating correctly at least once a year. Please contact JACO Customer Service as needed for more information in maintaining your JACO Mobile Carts. There should be no reason to clean the inside bay area but if required, make sure the Power Blade Charger unit is unplugged and a damp (not saturated), less than 10% bleach wipe is used, allow ample drying time.

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## Basic Mobile Cart Integration & Operation

### Unpacking & Assembly:

Your JACO Mobile Cart may be delivered stacked with one container on top of another. Please use caution when removing the top Cart for unpacking. This is a two person lift and the top Cart must be placed on the ground before unpacking. Once unpacked, there will be minimal assembly required depending on the Mobile Cart model and options you have ordered. Due to the shipping container, the LCD and Stand (for LCD Carts) and the optional Scanner Mounts, are not able to be attached at our factory.

### Changing the Height Position:

Your JACO Mobile Cart is height adjustable for proper ergonomics when used in a standing or sitting position. To change the height, place the palms of your hands on the left and right sides of the work surface and on the right side, squeeze the release lever by pulling it upward. This will free the internal locking piston and will allow you to pull the Cart top up or push it down and offers a total of 16" of travel. Release the lever when the cart is in the desired position.



### Installing your computer or laptop:

To install your PC or Laptop, unlock both key-locks at the rear of the top assembly as shown in the photo below. Both locks must be opened before the top work surface can be pulled forward and removed from the Cart. Once the work surface is removed, the open bay area (shown below) is available for installing your computer or laptop. Route all cables needed for proper operation before installing the work surface and locking in place for security. If using a laptop computer, simply open and allow the display to protrude through the opening in the work surface.



## Installing the Monitor Stand:

To attach the monitor stand to the Cart you will need a 3/8 nut driver to tighten the 4 nuts. Place the monitor stand so that the 4 threaded studs drop into the 4 holes on the mounting plate that is attached to the rear handle of the Cart. Use the nut driver to install and tighten all 4 nuts. Make sure all 4 nuts are tight before moving on.



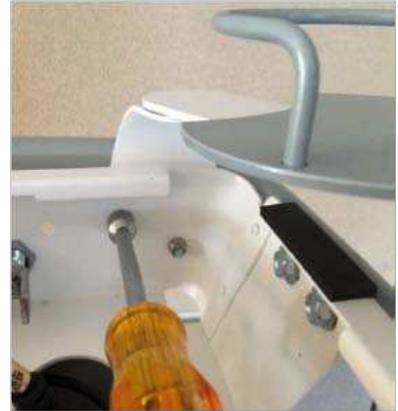
After the monitor stand is installed on the Cart, attach the LCD to the stand. A Phillips Head or (if added security is needed for the LCD) Torx Head driver is needed to attach the LCD to the VESA Stand, 4 places. Both Phillips and Torx screws are provided. It is recommended that one person hold the LCD while a 2nd person inserts the hardware. Make sure all 4 screws are installed and tightened properly.



With the monitor and stand installed on the Cart, the LCD power and signal cables can be installed. Route both cables down through the cable management area of the stand as shown to the left. Pull the cables into the Top Assembly and attach to the PC or laptop computer that will be installed later.

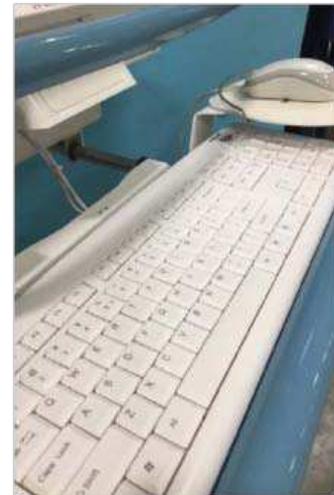
### Installing Scanner Mounts:

If you have ordered a Scanner Holder option, you may need to install this as well. Remove the top work surface by unlocking the 2 key locks at the rear Top Assembly and pulling the work surface forward. The scanner mount will attach using 2 nuts as shown. Use an 11/32 nut driver to tighten.



### Installing Keyboard and Mouse onto the Cart:

When ordering your JACO Cart you have the option of including an integrated mouse and keyboard. If you are adding your own mouse and keyboard, they can be integrated as follows. It is most important that the wires are routed out of the way of the sliding keyboard tray. With each JACO Mobile Cart we include an accessory kit that provides ty-wraps and Velcro pads along with other helpful items for proper cable management. Use the Velcro pads to fasten the keyboard to the keyboard tray and use the ty-wraps to secure the cables.



### Optional JACO Patented Trac™ Wheel Steering:

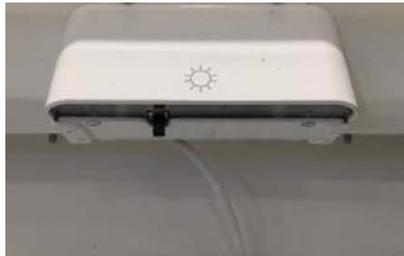
The optional Trac Wheel is designed to add true steering to the JACO Mobile Cart. With 4 swivel casters, keeping the Mobile Cart moving in one direction may be challenging as the momentum of the Cart will want to continue in the direction of motion. The Trac option can be engaged by stepping down on the green post at the bottom front of the Cart. This activates a traction wheel that will give you control over the direction of the Cart. To disengage Trac, step down on the black post.



## Optional Keyboard Light:

The optional front keyboard light can be ordered with your 200 Series Cart. Located at the front center of the Cart top assembly, the switch to turn the light on and off is located on the bottom surface of the light, see below. Slide the switch forward or backward to turn the light on and off.

If you also have ordered any one of the optional Touch Pad Electronic Locking Drawer Systems, the keyboard light option is included and is integrated into the touch pad located at the front center of the Cart, see below. To turn on/off this keyboard light, press the light bulb icon button located on the far right and the keyboard light will turn on. Press again and the light will go off. After approximately 20 minutes, the light will automatically turn off. The light can be turned back on immediately if needed.



Slide Switch Keyboard Light



Touch Pad Access, Keyboard Light

## Optional Locking Drawer Operation:

Optional storage systems for the JACO 200 Series include Non-Locking, Push Button-Locking and Touch-Pad Electronic-Locking options in single 3" high and 7" high drawers as well as dual 3" high drawers.



Push Button Drawer



Non-Lock or Electronic Lock Drawer

The default combination and instruction to open the optional Push Button Drawer – First turn the knob to the left to clear the lock then press #2 and #4 buttons at the same time then press the #3 button. Next turn the knob to the right and holding the knob in this position, pull the drawer open. The combination can be changed, follow the instruction sheet provided with the Cart.

The default combination and instruction to open the Touch Pad e-locking Drawer – Use the default combination 4, 1, 2, 3, then press the Unlock Button, pull the drawer open. This combination can be changed as needed and offers up to 64 unique 4 digit access codes. To change the pass code, press the numbers 3, 1, 2 then the unlock button, you will hear a "beep" indicating that a new 4 digit code can be entered. If you enter an unacceptable code, such as 1, 1, 1, 1, you will hear a "buzz" noise indicating the code is not changed. When entering an acceptable new code, you will hear two short "beeps" indicating that the code is now changed.

If for some reason the electronic pass code system were to fail, there is a rescue key lock located at the back of the drawer system as shown below. Insert, turn and hold key in the unlocked position to allow the drawers to be opened when by-passing the electronic drawer lock system. The by-pass key is not the same key used to access the Top Assembly. The rescue keys are included in the Cart accessory kit which is placed inside the Mobile Cart Top Assembly housing.



Rescue key access on back of drawer/cabinet assembly

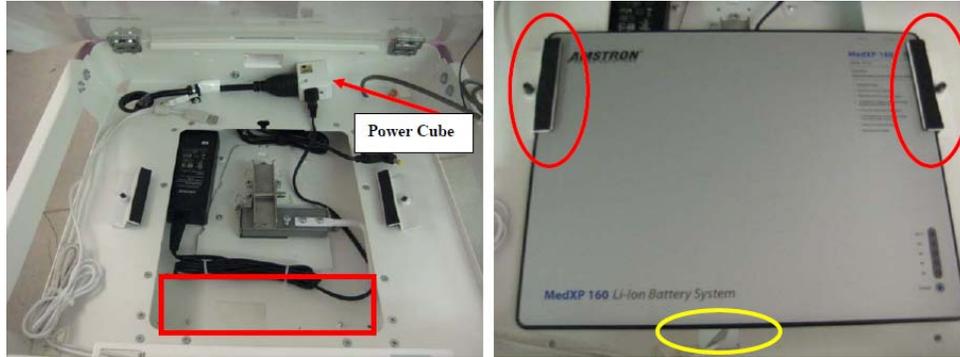
**NOTE:** See page 5 of this manual for important safety information regarding the drawer option.

### Installing Battery & Laptop into the Simplicity Cart:

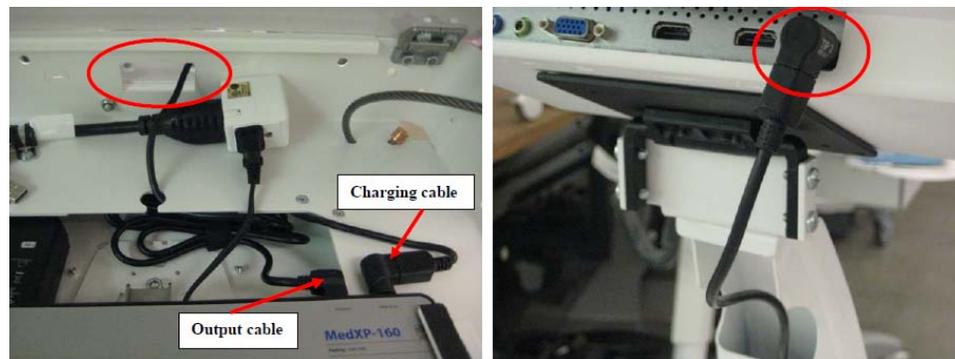
To install your battery and laptop in the top assembly of the 225-40 or 225-41 Simplicity Mobile Cart, open the work surface by sliding the locking tab to the right. The locking tab is located on the right front side of the Cart Top Assembly, above the Keyboard as shown below.



Once the work surface is opened, you will see the battery and cable management bay as shown below. The laptop power brick should be installed first and plugged into the power cube also shown below. The power brick for the battery pack will already be installed in the cable management area. Next, install the battery as shown. The two flanges may need to be loosened using a Phillips Head screw driver. Position the battery so that the status read out is in the lower right corner. Tighten the two clamps to secure the battery in place.



Next, plug the Charging Cable into the battery pack as shown and route the Output Cable out the back of the Top assembly and up through the VESA Stand. Plug the Output Cable connector into the DC power port on the monitor as shown below.



Once this is complete, place your laptop on top of the battery pack, leaving room so that the status read out on the battery pack can be seen, as shown in red below. Connect your laptop power cable. If you want to lock your laptop into the Cart top assembly, use the Kensington cable lock that is integrated into the Cart top. This is located in the top right corner of the Cart as shown below.



To check the battery charge status, press and hold the “Check” button on the battery.



The battery is not shipped fully charged, plug in the Cart before using and allow battery to fully charge. When the battery is low, it will “beep”. Plug the Cart power cord into any 120vac wall outlet to silence the “beep” and charge the battery. During the charge, the battery status lights will blink as the charge progresses and once completely charged, all five lights will shut off.

For warranty issues with the battery pack or the LCD monitor, please contact the original equipment manufacturer for prompt response.

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