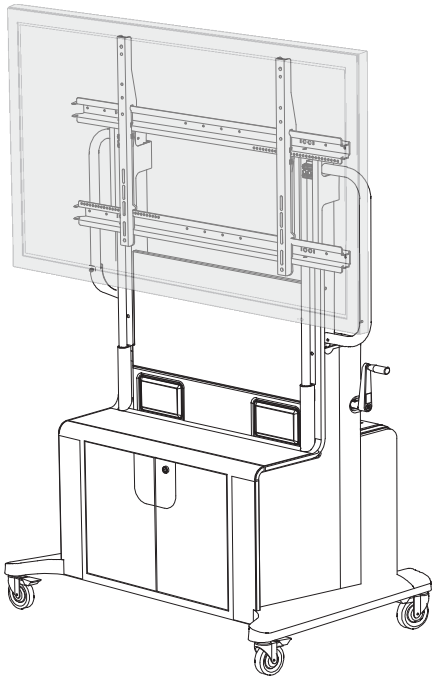

SMART Mobile Stand for interactive displays model FSSBID 100V

INSTALLATION GUIDE

FOR FSSBID 100V

SMART®

Product registration

If you register your SMART product, we'll notify you of new features and software upgrades.

Register online at smarttech.com/registration.

Keep the following information available in case you need to contact SMART Support.

Serial number: _____

Date of purchase: _____

FCC warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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This product and/or use thereof covered by one or more of the following U.S. patents.

www.smarttech.com/patents

05/2015

Important information

Before you install and use the SMART Mobile Stand, read and understand the safety warnings and precautions in this user's guide and included warning document. These safety warnings and precautions describe the safe and correct operation of the SMART Mobile Stand and its accessories, helping you prevent injuries and equipment damage.

WARNING

- Failure to follow the installation instructions included with the SMART Mobile Stand for interactive displays could result in personal injury or product damage.
- Make sure that you properly engage and secure the vertical brackets both to your flat-panel display and to the SMART Mobile Stand.
- Read the safety warnings, precautions and other important information contained in the documentation included with your other SMART products and published by your flat-panel display's manufacturer.
- Two people are required to safely assemble the SMART Mobile Stand and to mount or remove your flat-panel display and your SMART Board ® interactive display frame or interactive display overlay.
- Lock the casters before installing or working with the flat-panel display on your SMART Mobile Stand and before adjusting its height.
- To prevent injury, be aware of crush and pinch locations on the product (marked with the crush symbol) during assembly and use.
- Do not rest your hand on the stand's universal mount or under the interactive product's pen tray or pencil ledge while adjusting the height of the SMART Mobile Stand.
- Use only the SMART Mobile Stand's three grab bars to move the unit. Do not press, pull or push on any other part of the unit.
- Before moving the SMART Mobile Stand, unlock the casters. These casters are designed to roll on common indoor surfaces. While you move the unit, your view may be partially obstructed. Be aware of surrounding obstacles.
- Do not move the SMART Mobile Stand while external cables are connected or when the power is on.

- Ensure that any cables that cross the floor to the SMART Mobile Stand are properly bundled and marked to prevent a tripping hazard.
- Do not stand (or allow children to stand) on a chair to touch the surface of your flat-panel display. Instead, rotate the SMART Mobile Stand's height-adjustment handle to lower the display to the appropriate height.
- Do not climb or ride (or allow children to climb or ride) on the stand. Climbing or riding on the SMART Mobile Stand could result in personal injury or product damage.
- To reduce the risk of fire or electric shock, do not expose the SMART Mobile Stand to rain or moisture.

CAUTION

- Make sure that the weight of your flat-panel display is minimum 90 lb. (40.8 kg) and maximum 265 lb. (120.2 kg). For a list of flat-panel displays supported by your SMART Mobile Stand, see smarttech.com/supportedpanels.
- To prevent damage to a 60" (152.4 cm) or larger flat-panel display when it is installed with a SMART Board interactive display overlay, make sure that you install the included clevis pin as instructed in this guide.
- Do not suspend additional objects from, or add any extra weight or excessive pressure to the SMART Mobile Stand brackets (other than the products indicated in this guide). SMART designed these brackets to support only the combined weight of a flat-panel display, interactive overlay or display frame, laptop computer and optional laptop shelf.
  Any other weight hung from these brackets may cause the stand to tip.
- The SMART Mobile Stand is designed for standard ramp access. At least two people are required to move the unit up or down a ramp. Moving the unit up or down a steep incline may cause the stand to tip.
- Never operate the SMART Mobile Stand immediately after moving it from a cold location to a warm location. Allow the unit to reach room temperature before operation to prevent product damage. The operating temperature range is from 41°F to 86°F (5°C to 30°C) with up to 80% relative humidity, non-condensing. The shipping and storage temperature range is from -40°F to 140°F (-40°C to 60°C).
- Do not place the SMART Mobile Stand in hot locations, such as near heating equipment.
- Do not block the ventilation slots and openings on the SMART Mobile Stand. Blocking these openings could cause overheating.
- When transporting the unit, repack it with as much of the original packaging as possible. This packaging was designed with optimal shock and vibration protection.

- Do not attempt to service the SMART Mobile Stand. Only an authorized service provider should service the unit.
- If your wired keyboard, mouse or other USB device is damaged while it is attached to the SMART Mobile Stand, SMART assumes no responsibility and your are solely responsible for this damage.
- Do not set up or use your SMART Mobile Stand in an area with excessive levels of dust, dirt, humidity or smoke.
- Use a soft cloth moistened with a mild detergent to clean the unit's housing.
- If the SMART Mobile Stand requires replacement parts, make sure that the service technician uses replacement parts specified by SMART Technologies.

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Chapter 1

About the SMART Mobile Stand

The SMART Mobile Stand is an easy-to-use, height-adjustable stand that adds mobility to select SMART Board interactive flat panels. For a list of supported flat-panel displays, see smarttech.com/supportedpanels.

This chapter describes the features of the SMART Mobile Stand and provides information about product parts.

SMART Mobile Stand features

The SMART Mobile Stand is easy to move so that you can share the unit with other users reconfigure your meeting space or classroom by quickly adding interactive and audiovisual features to a room that otherwise might not have them.

Feature highlights

Height adjustment

The SMART Mobile Stand has a height adjustment range of 15 3/4" (40 cm) and adjusts quickly and smoothly to improve lines of sight and to accommodate users of different heights or users with limited reach.

Mobility

The swiveling, heavy-duty, non-marking casters roll easily on common indoor surfaces and lock into place so that the stand doesn't move when you use it.

Design

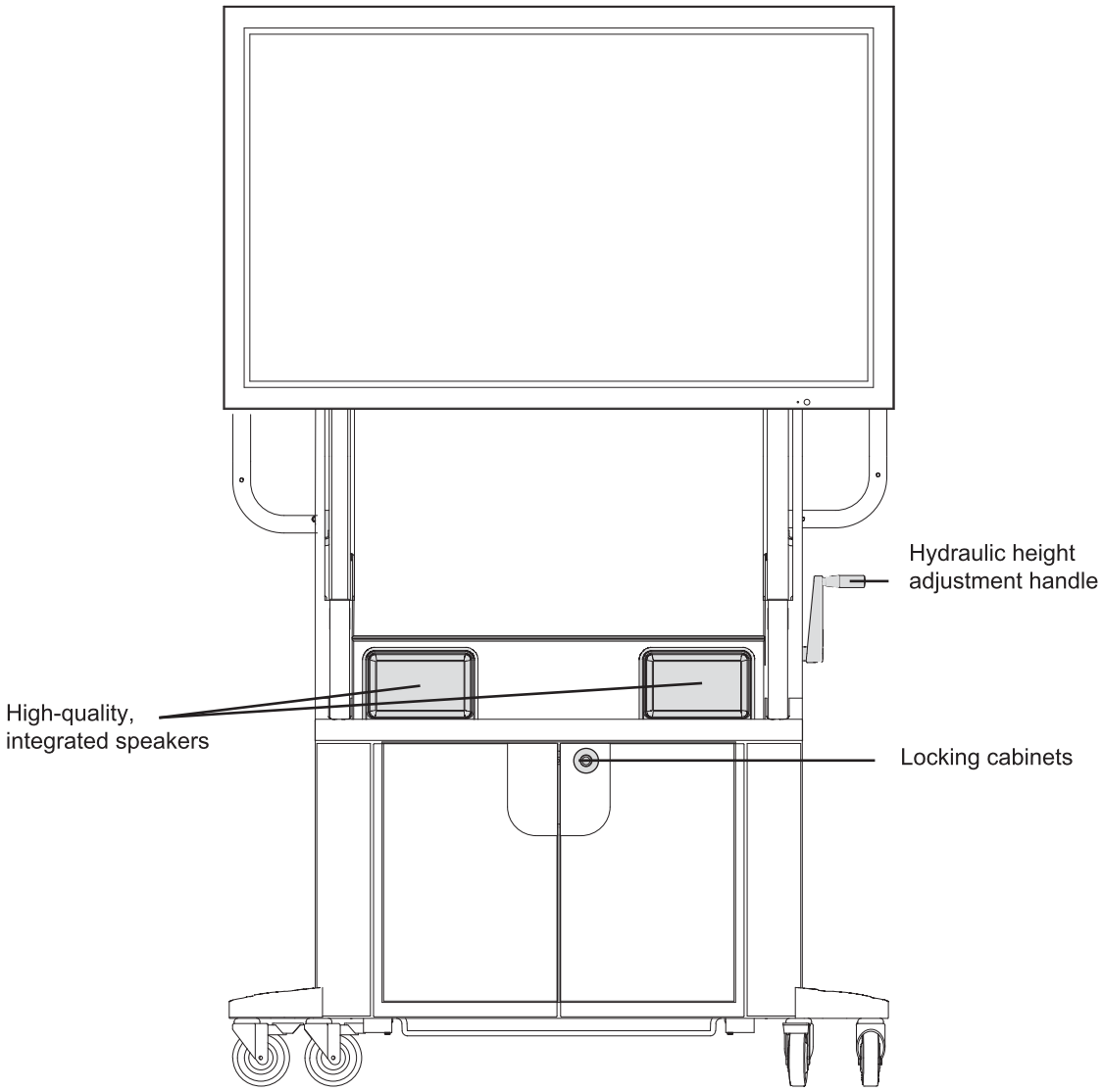
The SMART Mobile Stand's wide footprint, low-profile base and reinforced steel design provide excellent stability when you're working on with your interactive product. The polished, high-quality finish is dent resistant and easy to clean.

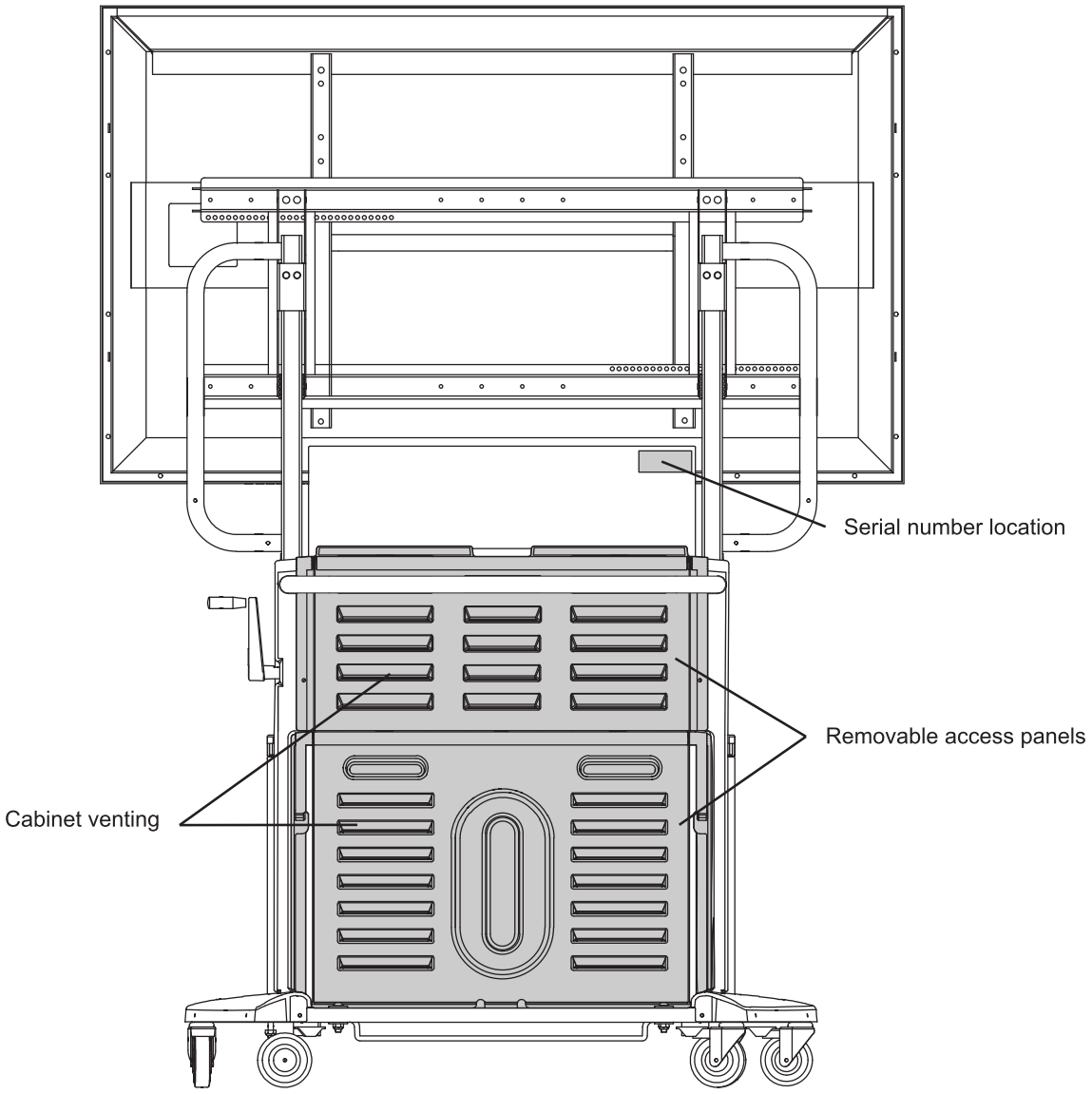
Security

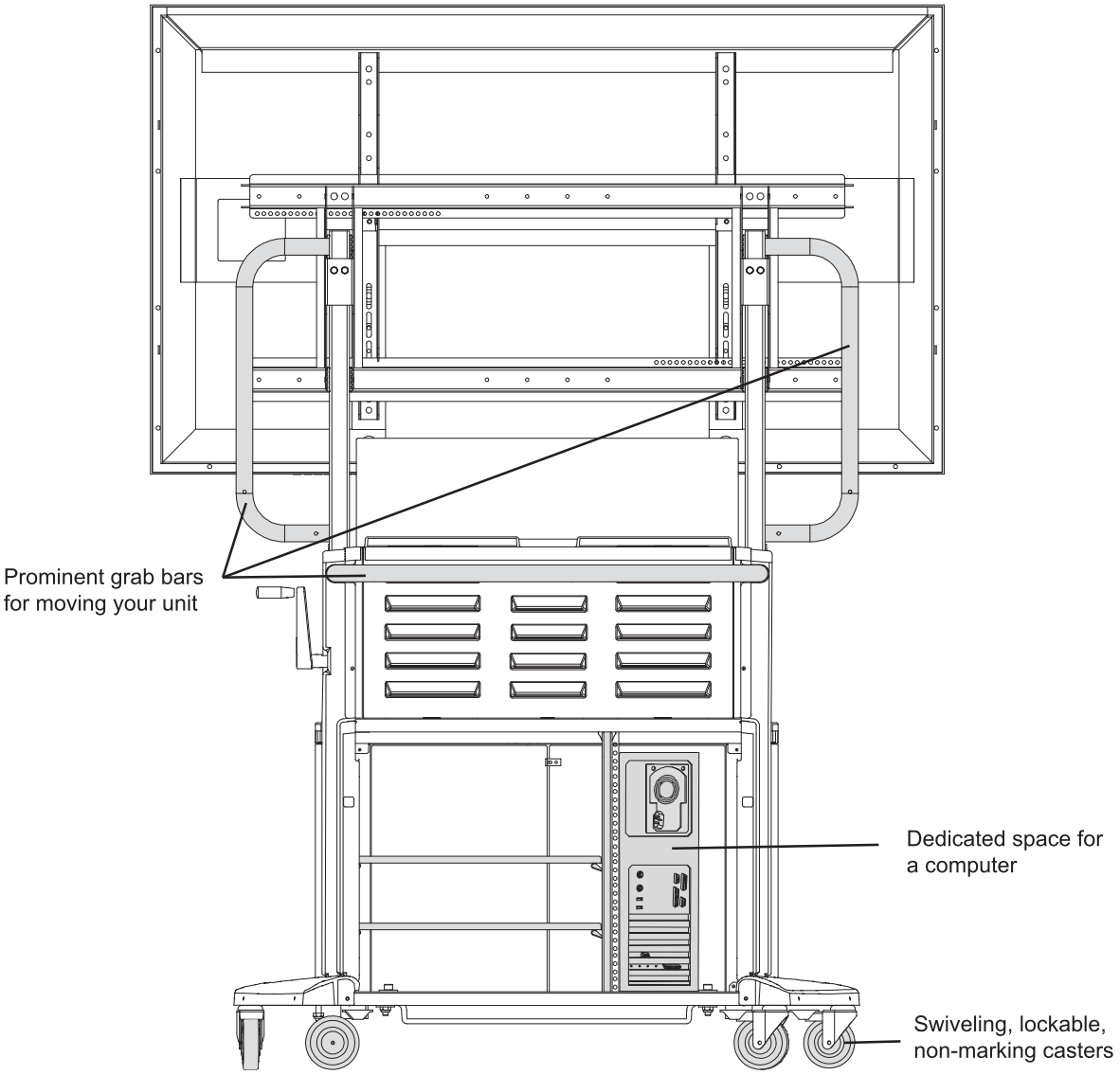
A durable cabinet provides secure storage for audiovisual equipment, including a standard tower computer, and features two vertically adjustable shelves, an optional 19" (48 cm) rack mount configuration and lockable doors to help prevent theft.

Service access

Removable rear maintenance panels provide easy access to peripheral devices for cable installation and power management. These panels are secured with tamper-proof hardware.


Hydraulic height adjustment handle
High-quality, integrated speakers
Locking cabinets


Serial number location
Removable access panels
Cabinet venting


Prominent grab bars
for moving your unit
Dedicated space for
a computer
Swiveling, lockable,
non-marking casters

Optional accessories and replaceable parts

Contact your authorized SMART reseller to order any of the following items.

Rack mount hardware accessory kit

To configure a rack mount in the SMART Mobile Stand, purchase a hardware accessory kit from your reseller. This kit includes 16 rack clips that you can use to mount up to four peripheral racks.

Standard replaceable parts

If the SMART Mobile Stand requires replacement parts, make sure that the service technician uses replacement parts specified by SMART Technologies. To order replacement parts, contact your authorized SMART reseller.

Chapter 2

Assembling The SMART Mobile Stand

SMART Mobile Stand

The SMART Mobile Stand requires minimal assembly. Consult the *SMART Mobile Stand for Interactive Displays* textless installation instructions (smarttech.com/kb/170790) included with the unit for assembly instructions.

WARNING

Failure to follow the installation instructions included with the SMART Mobile Stand for Interactive Displays could result in personal injury or product damage.

CAUTION

Make sure that the weight of your interactive flat panel is at least 90 lb. (40.8 kg) and not more than 265 lb. (120.2 kg). For a list of flat panel displays supported by your SMART Mobile Stand, see smarttech.com/supportedpanels.

Environmental requirements

Before installing the SMART Mobile Stand, refer to the following environmental requirements.

CAUTION

- Never operate the SMART Mobile Stand immediately after moving it from a cold location to a warm location. Allow the unit to reach room temperature before operation to prevent possible product damage.
- Do not place the SMART Mobile Stand in hot locations, such as near heating equipment.
- Do not block the ventilation slots and openings on the SMART Mobile Stand. Blocking these openings could cause overheating and damage to the unit.

Environmental Requirement	Limits/Notes
Operating Temperature	41 °F to 86 °F (5°C to 30°C)
Storage Temperature	-40°F to 140°F (-40°C to 60°C)
Humidity	5–80% relative humidity, non-condensing
Water and Fluid Resistance	• Intended for indoor use • Don't pour or spray liquids directly on the electronic components.
Dust	• Moderate dust • Designed for pollution degree 1 (P1) as per EN61558-1, which is defined as "No pollution or only dry non-conductive pollution"
Conducted and Radiated Emissions	EN55022/CISPR22, Class B
Flammability Rating	• Plastic: HB
Quality Assembly	USB cable: IPC/WHMA-A-620 Class 2 workmanship standards for *Requirements and Acceptance for Cable and Wire Harness Assemblies*

Things to consider when assembling the SMART Mobile Stand

WARNING

- Two people are required to safely assemble the SMART Mobile Stand and to mount or remove your flat-panel display and the SMART Board interactive display frame or SMART Board for Flat-Panel Displays interactive overlay.
- Lock the casters before installing or working with your flat-panel display on the SMART Mobile Stand or adjusting its height.
- To prevent injury, be aware of crush and pinch locations on the product (marked with the crush symbol) during assembly and use.
- Do not rest your hand on the stand's universal mount or under the interactive product's pen tray or pencil ledge while adjusting the height of the SMART Mobile Stand.

- Use only the SMART Mobile Stand's three grab bars to move the unit. Do not press, pull or push on any other part of the unit.
- Unlock the casters before moving your SMART Mobile Stand, make sure that you. These casters are designed to roll on common indoor surfaces. While you move the unit, your view may be partially obstructed. Be aware of surrounding obstacles.

NOTES

- You will require ample work space to assemble the SMART Mobile Stand.
- Do not set up or use the SMART Mobile Stand in an area with excessive levels of dust, dirt, humidity, or smoke.

Installing your interactive flat-panel on the SMART Mobile Stand

WARNING

- Read the installation instruction published by your flat-panel display's manufacturer before installing your flat-panel display on the SMART Mobile Stand.
- Ensure your secure the vertical brackets both to your flat-panel display and to the SMART Mobile Stand as instructed in the SMART Mobile Stand for Interactive Display textless installation instructions (smarttech.com/kb/170790).

Securing the clevis pins when installing a 60" (152 cm) or larger flat-panel display

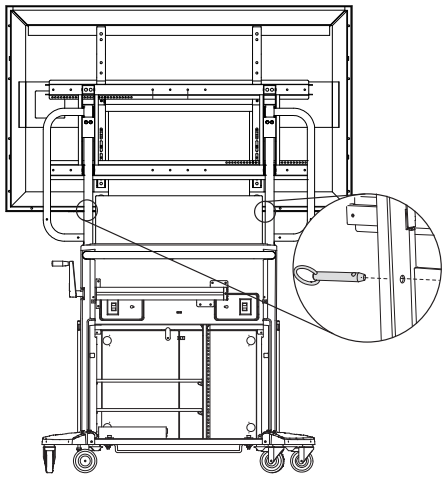
Follow these instructions to install a SMART Board interactive display overlay with a 60" (152.4 cm) or larger flat-panel display.

CAUTION

To prevent damage to a 60" (152.4 cm) or larger flat-panel display when it is installed with a SMART Board for Flat-Panel Displays interactive overlay, make sure that you install the included clevis pin as instructed in this guide.

To secure the two included clevis pins

1. Turn the SMART Mobile Stand's height-adjustment handle to raise your flat-panel display to its highest position.
2. Insert each of the two included clevis pins as shown in the following illustration, making sure that the clevis pin ring faces outward.



Chapter 3

Maintaining the SMART Mobile Stand

The SMART Mobile Stand is durable. With proper care, it will provide years of trouble-free service. This chapter covers:

- Cleaning and preventing damage to Your SMART Mobile Stand
- Moving the SMART Mobile Stand
- Transporting the SMART Mobile Stand
- Contacting SMART support

Cleaning and preventing damage to the SMART Mobile Stand

CAUTION

- Do not attempt to service the SMART Mobile Stand. Only an authorized service provider should service the unit.

Use a soft cloth moistened with a mild detergent to clean the unit's housing.

If the SMART Mobile Stand requires replacement parts, make sure that the service technician uses replacement part specified by SMART Technologies.

Moving the SMART Mobile Stand

The SMART Mobile Stand rolls easily on common indoor surfaces. If you experience any problems with devices shifting in the cabinet while you move the unit, use adhesive hook-an-loop fastener or two-sided tape (not included) to secure the equipment.

If you move the SMART Mobile Stand with a SMART Board interactive display overlay installed, secure the pens in the pen tray so that they don't fall out.

Transporting the SMART Mobile Stand

Save the original SMART Mobile Stand packaging so that it's available if you need to transport the unit. If required, repack the SMART Mobile Stand with as much of the original packaging as possible. This packaging was designed with optimal shock and vibration protection.

If the original packaging is no longer available, you can purchase replacement packaging from your authorized SMART reseller.

If you prefer to use your own packaging materials, make sure that you adequately protect the unit. Ship the SMART Mobile Stand in an upright position to discourage shippers from placing heavy objects on it.

Contacting SMART support

Before contacting SMART Support, make note of the SMART Mobile Stand's serial number.

To determine the SMART Mobile Stand's serial number

The SMART Mobile Stand's serial number for your is located on the back, right-hand side of the unit's speaker panel, near the top. The serial number is the last five digits for example, FSSBID1-R2-00000.

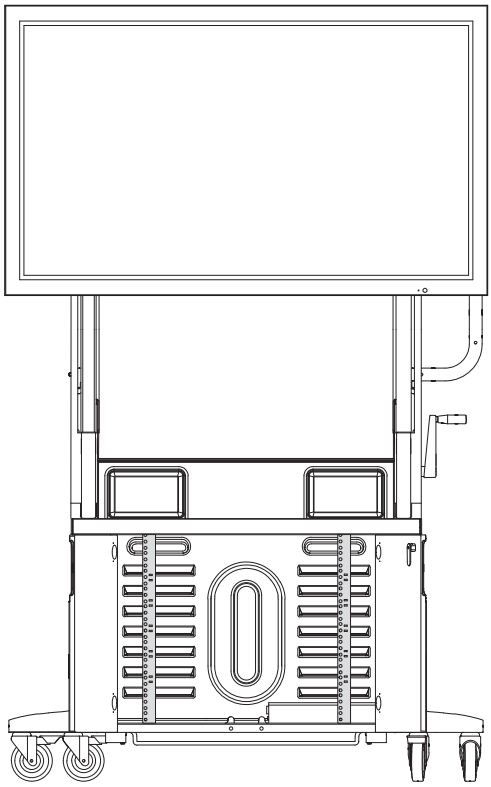
Appendix A

Installing a rack mount

Although the SMART Mobile Stand comes with shelves installed, it can also accommodate an optional 19" (48 cm) rack mount configuration.

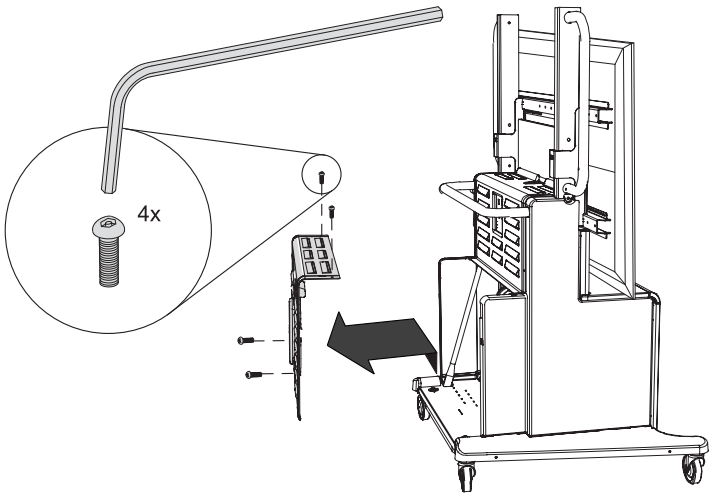
NOTE

If you want to install a rack mount in the SMART Mobile Stand, you can purchase a hardware accessory kit, which includes 16 rack clips, from your authorized SMART reseller.



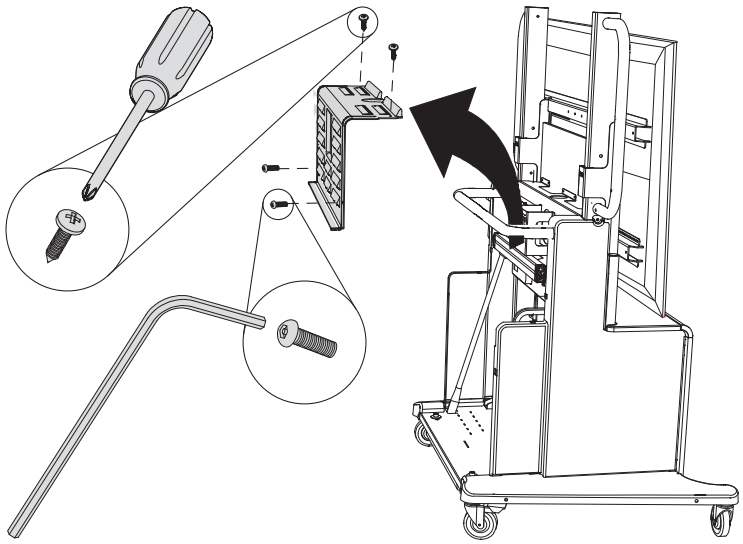
To remove the shelving and rear support tube

1. To remove the four screws in the lower rear panel of the SMART Mobile Stand use the included security TORX® key, and then remove the panel. Keep these screws nearby.

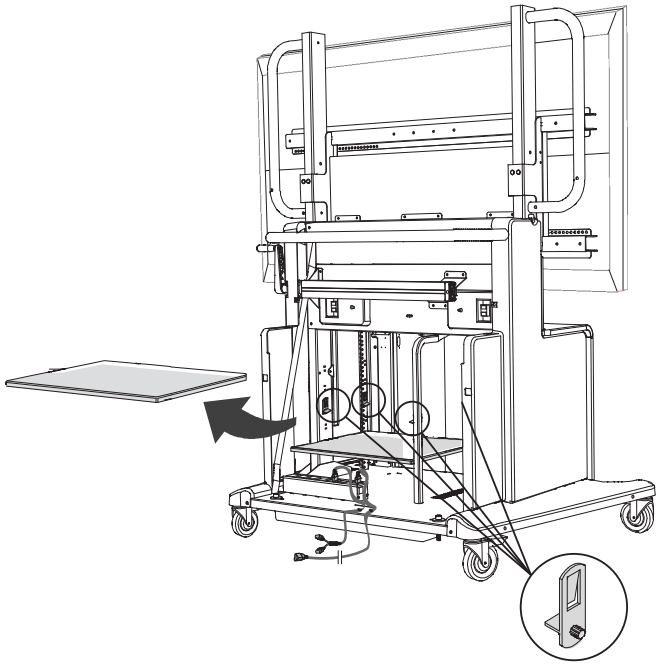


2. Remove the top two screws in the upper rear panel with a Phillips No. 2 screwdriver. Keep these screws nearby.

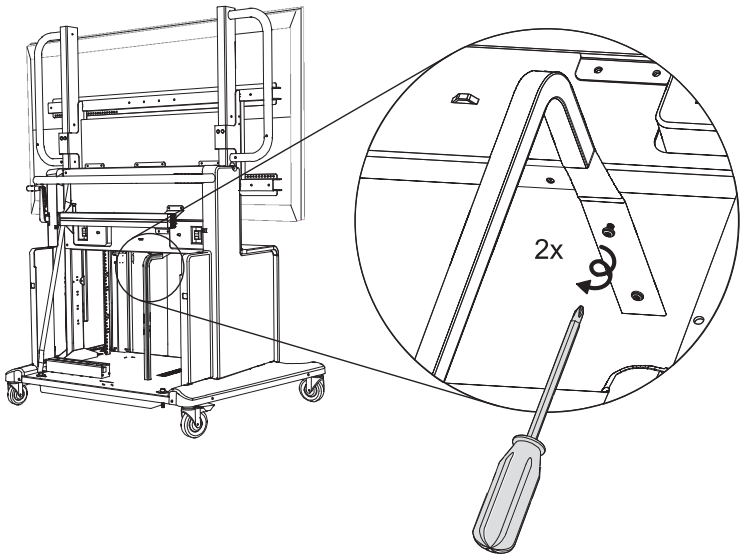
3. Remove the bottom two screws in the upper rear panel with the included security TORX key, and then remove the panel. Keep these screws nearby.



4. Remove the two installed shelves from the cabinet, and then remove the eight shelf clips.



5. Locate the cabinet's rear support tube, and remove the two screws in the flange at the top. Then lift the tube at a slight angle to detach and remove it from the base of the unit.

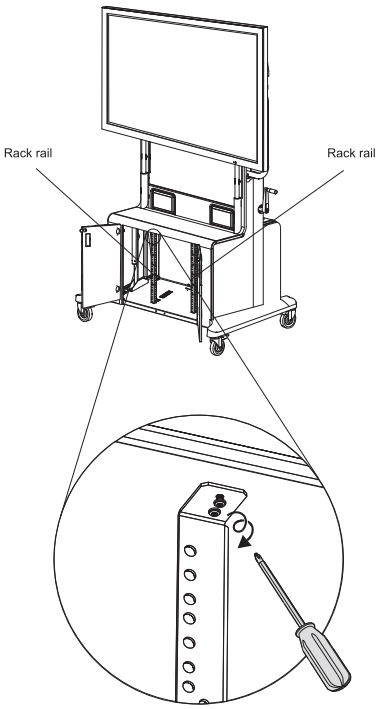


NOTE

You may need to detach some cables to remove this support tube. After you have installed the rack mount, reattach these cables.

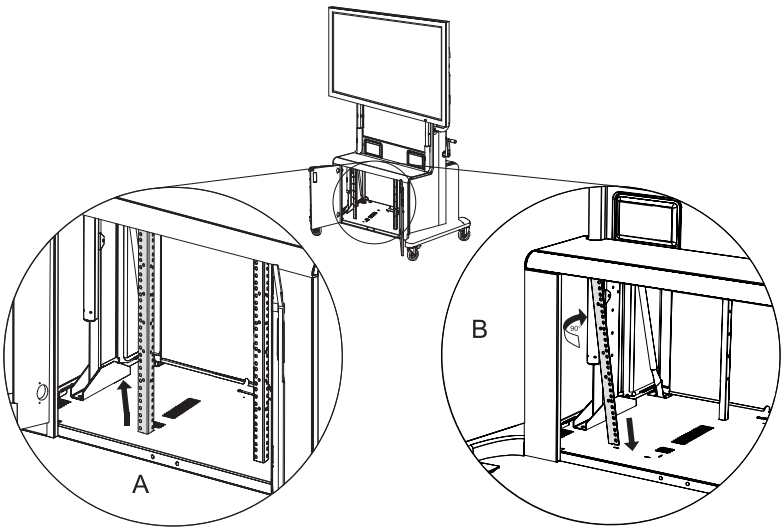
To install a rack mount

1. Open the doors of the SMART Mobile Stand's cabinet.
2. Locate the left and right front rack rails, and then remove the two screws in the flange at the top of each rail. Keep these screws nearby.

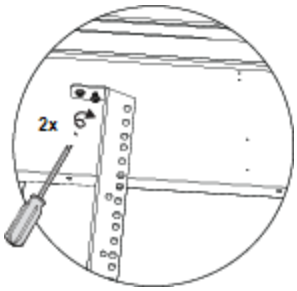


3. Lift the left rack rail at a slight angle to detach it from the base, rotate it 90° clockwise, and then insert the rail at a angle into the rack mount slots further to the left.

> **NOTE**
> The rack mount slots in the bottom of the cabinet will align the rail properly.



4. Straighten the rack rail, aligning the holes in the flange at the top of the rail to the pilot holes in the cabinet's top panel, and then secure the rail with two of the screws that you removed step 2.

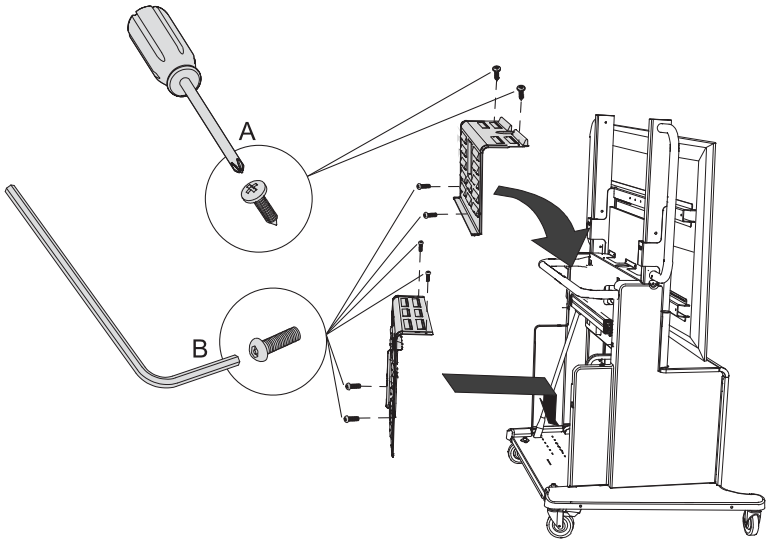


5. Repeat steps 3 and 4 for the right rack rail, except rotate the rail counter-clockwise before inserting it into the rack mount slots.

6. Secure each set of four rack mount clips (included in your rack mount hardware accessory kit) at the desired height for each rack.

To replace the rear access panels

1. Replace the upper rear panel that you removed from your SMART Mobile Stand, secure the bottom two screws with the included security TORX key, and then secure the top two screws with a Phillips No. 2 screwdriver.
2. Replace the lower rear panel that you removed, and then secure all four screws with the included security TORX key.



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SMART TECHNOLOGIES

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