



# Perceptive Pixel by Microsoft

82" Touch Device roll stand quick guide

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The Perceptive Pixel (PPI) by Microsoft 82" Touch Device roll stand is an optional accessory for the PPI 82" Touch Device. This guide outlines how to set up, mount the device to, and run cables through the roll stand.

## Parts and Tools

- Screwdriver (a powered model is recommended) with #1 bit
- Crate with cardboard (included)
- Roll stand (included)

## Opening the crate

This document assumes that you have removed the cardboard packaging as seen in figure 1.



Figure 1. Cardboard packaging removed

1. Locate the screws securing the top planks.
2. Use the screwdriver to reverse out the screws. Keep the screws because you will need them in a future step. There are two screws on each side for a total of eight for the two planks.





Figure 2. Removing the top planks, which will double as ramps

3. Lift and remove the gate plank from the back of the crate.
4. Use the screws you just removed to secure the top planks to the bottom shelf of the crate so that they double as ramps. Use the existing screw holes (see figure 3).

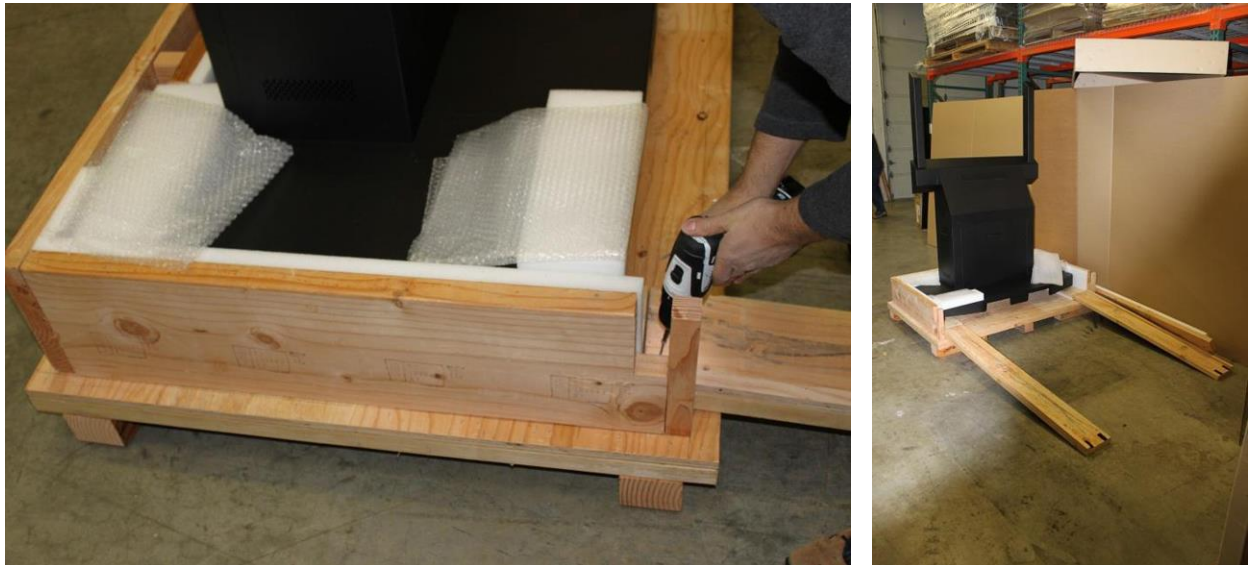


Figure 3. Roll stand ready for removal

# Removing the roll stand from the crate

This step requires two people to do safely as the roll stand weighs 550 pounds.

1. First, have one person stand between the two ramps to brace the roll stand. This person should place their hands on the center crossbar in back. Do not brace it by pressing on the upright armatures.
2. Next, the second person should carefully push the roll stand down the ramp.



Figure 4. Roll stand

# Mounting the PPI Touch Device to the roll stand

This step requires five people to do safely as the PPI 82" Touch Device weighs 180 pounds.

1. Attach the lifting frames and handles as described in the [Perceptive Pixel by Microsoft 82" Touch Device packing and unpacking quick guide](#).
2. Attach the brackets included with the roll stand using the same directions as detailed in the [Perceptive Pixel by Microsoft 82" Touch Device packing and unpacking quick guide](#). Do not use the brackets intended for the wall mount.



Figure 5. The PPI 82" Touch Device with the brackets and lifting frame/handles attached as described in the [Perceptive Pixel by Microsoft 82" Touch Device packing and unpacking quick guide](#). Note that the brackets used with the roll stand are slightly different than the ones for the wall mount but are attached the same way with the same bolts.

3. Using four people, lift the PPI Touch Device and carry it to the roll stand while the fifth person steadies the roll stand by holding the center crossbar. The fifth person can also help guide the device as the mounting brackets go into the vertical armatures. Make sure that the top and bottom hooks on the brackets descend over the bolts inside both armatures.

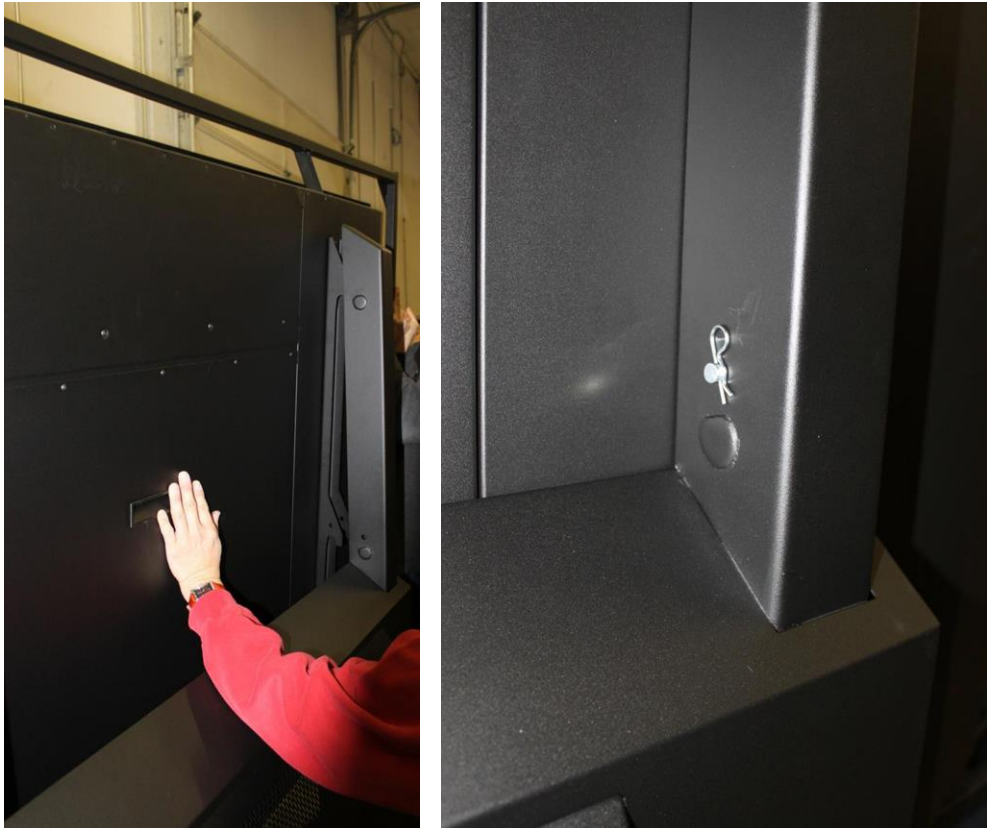


Figure 6. Attaching the device to the roll stand

4. Push the securing bolts through the holes on each armature/bracket pair and secure the bolts with cotter pins.

# Connecting computer and cables

1. Feed the strap through the guides in the bottom of the computer bay as shown in figure 7.



Figure 7. Strap fed through guides

2. Place the computer so that the back of it faces the left side of the roll stand. This will make it easier to connect the cables as shown. You will need to route the cables to the roll stand control panel and PPI Touch Device as necessary.

In this instance, the power cable is plugged into the power strip, the video cable and the USB to device cables are routed up through a hole in the top of the computer bay, and the other USB cable is connected to the back of the roll stand control panel.



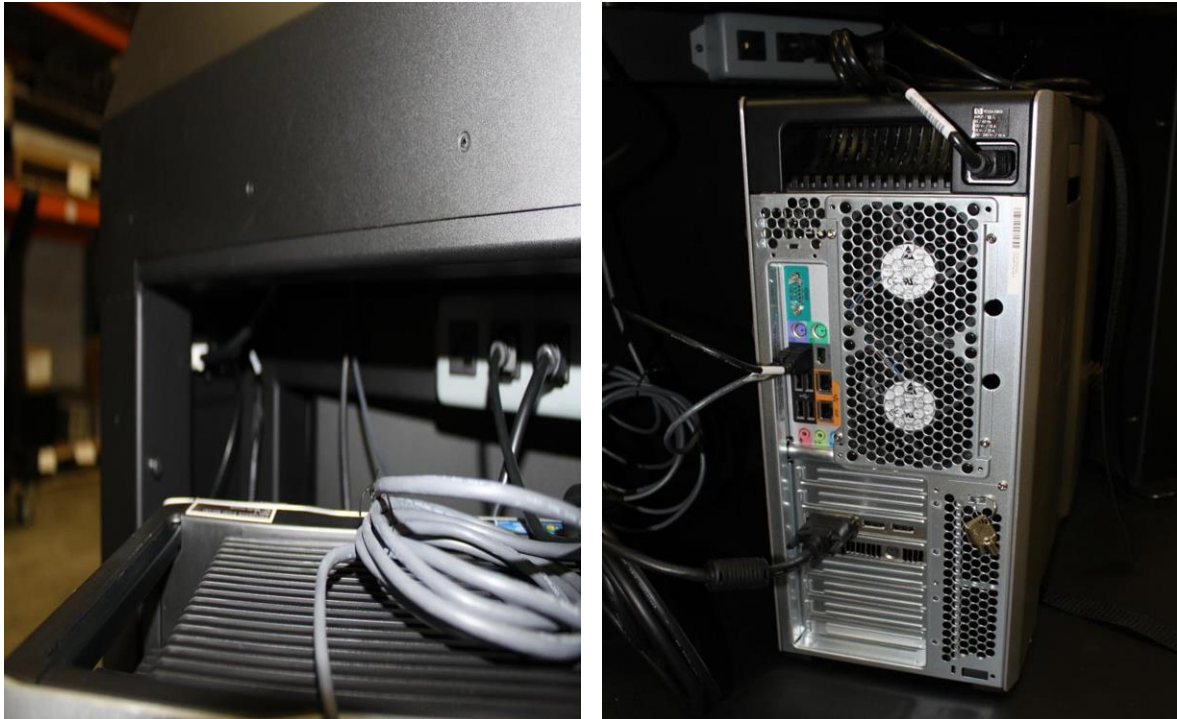


Figure 8. Computer cabled. Ethernet cable optional.

3. Once you have cabled the computer, carefully slide it to the center of the bay and secure it with the strap and buckle as shown.

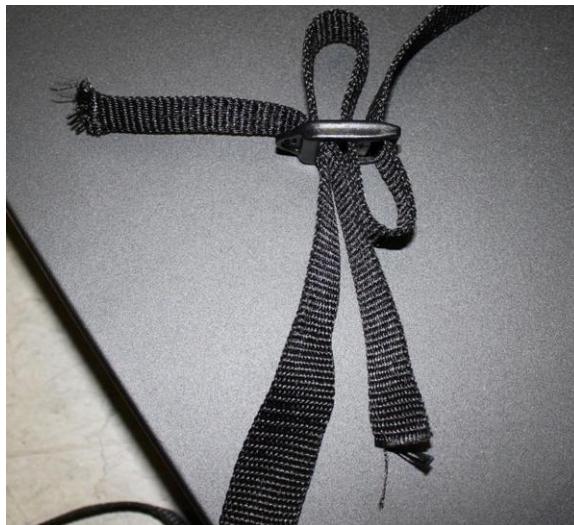


Figure 9. Strap looped through the buckle





Figure 10. Computer secured by strap

4. Route the power cable from the power strip out the back and replace the back panel.
5. Position the roll stand and PPI Touch Device as desired and connect to power.

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