 <small>Communication Systems, Inc.</small> <i>Better Solutions Are Within Reach®</i>	MODEL NUMBER: <div style="text-align: center;"><b>PDI-MCP</b></div>	Document Number: PD196-397R5
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## Graphical Symbols

This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user of the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.




## Important Safety Instructions

PLEASE READ AND KEEP THESE INSTRUCTIONS. OBSERVE ALL WARNINGS AND FOLLOW ALL INSTRUCTIONS CONTAINED IN THESE SAFETY INSTRUCTIONS AND THOSE ON YOUR APPARATUS. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

Electrical energy can perform many useful functions. This unit has been engineered and manufactured to assure your personal safety. However, improper use can result in potential electrical shock or fire hazards. In order not to defeat the safe-guards incorporated on this apparatus, observe the following basic rules for its installation, use and servicing. Your apparatus is fully transistorized and does not contain any user serviceable components. Removal of the cabinet cover may expose you to dangerous voltages. Refer all servicing to qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install/operate near any heat source such as radiators, heat registers, stove, or other apparatus (including amplifiers) that produce heat.

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9. Only use attachments/accessories specified by the manufacturer.
10. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.




**WARNING** – To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

**WARNING** – OXYGEN ENVIRONMENT: Do not use in any oxygen tent or oxygen chamber. Such use may cause a fire hazard.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus

**CLEANING** – Clean the exterior of this apparatus by removing dust with a lint-free cloth. For further cleaning, use a soft cloth or paper towel dampened with water.

**DISINFECTING** – Do not immerse this apparatus, rather clean with a soft damp cloth. To avoid damage to the surface of the apparatus, test a small portion of the apparatus’s cabinet with any new disinfectant to verify that the disinfectant will not discolor or soften the enclosure.

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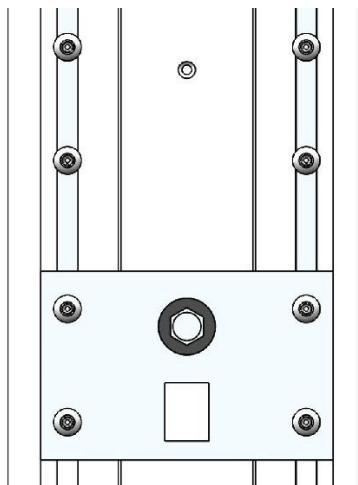
## medTV® Mobile Cart Assembly

Required Tools not provided: Phillips Screwdriver, 2 adjustable wrenches

### Handle / Cord Wrap:

1. Remove the Connector Plate by removing the four screws with a 1/8" hex wrench. Set all of the pieces to the side for future re-assembly.

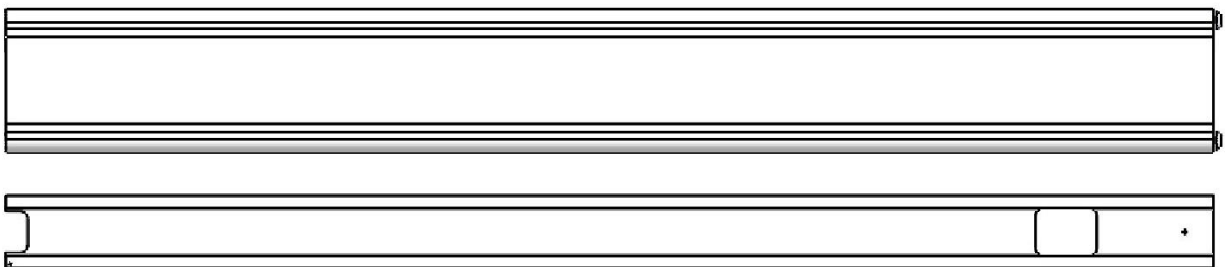
Figure 1.




2. Remove the Column Plate by sliding it out the top of the Column and place Column on workbench with open side down, as shown in Figure 2.

Figure 2.

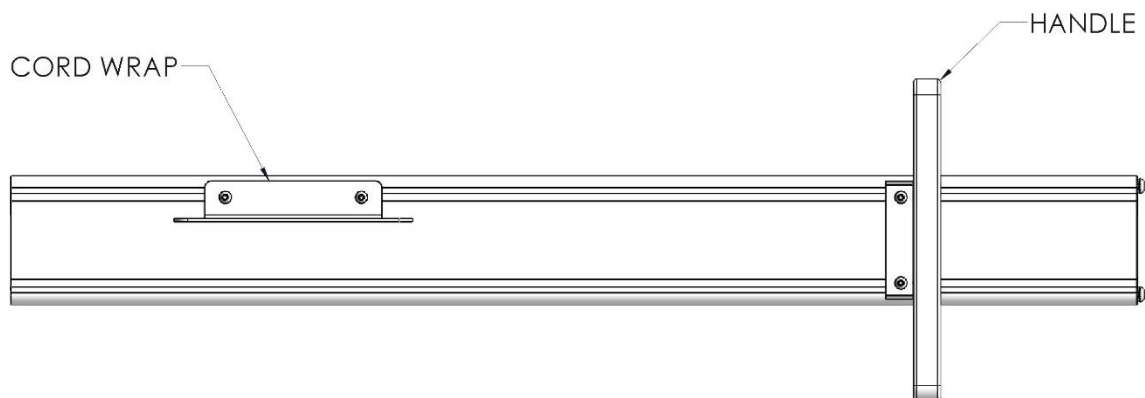
TOP END  
OF COLUMN



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3. Unwrap the Handle and loosen the nuts on the screws, but do not remove them. Adjust the nuts so they will both fit into the tracks on the Column and slide them into and down the tracks with the Handle oriented as shown below. With the handle located as desired, tighten the screws with a 5/32" hex wrench (60-80 in-lb torque). See Figure 3.
4. Unwrap the Cord Wrap and loosen the nuts on the screws, but do not remove them. Adjust the nuts so they will both fit into the tracks at the bottom end of the Column and slide them into the track with the Cord Wrap oriented as shown in Figure 3. Position the Cord Wrap so the bottom is approximately 6" from the bottom end of the Column and tighten the screws with a 5/32" hex wrench (60-80 in-lb torque). See Figure 3.

Figure 3.

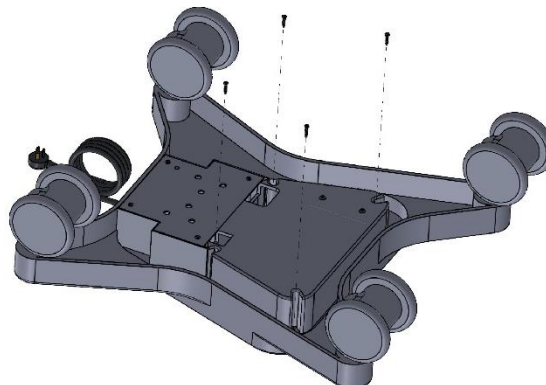



### Secondary Ground Connection:

A secondary ground wire has been included to provide an additional safety ground connection for the Mobile Cart when it is plugged into the wall outlet. This is connected to the switching power supply that is in the base of the cart and is stored in the base as well. Follow the steps below to access the secondary ground wire and connect it when using the cart.

1. Turn the base over and remove the four mounting screws that attach the cover to the base. Do not discard the screws. They will be needed to re-install the cover.

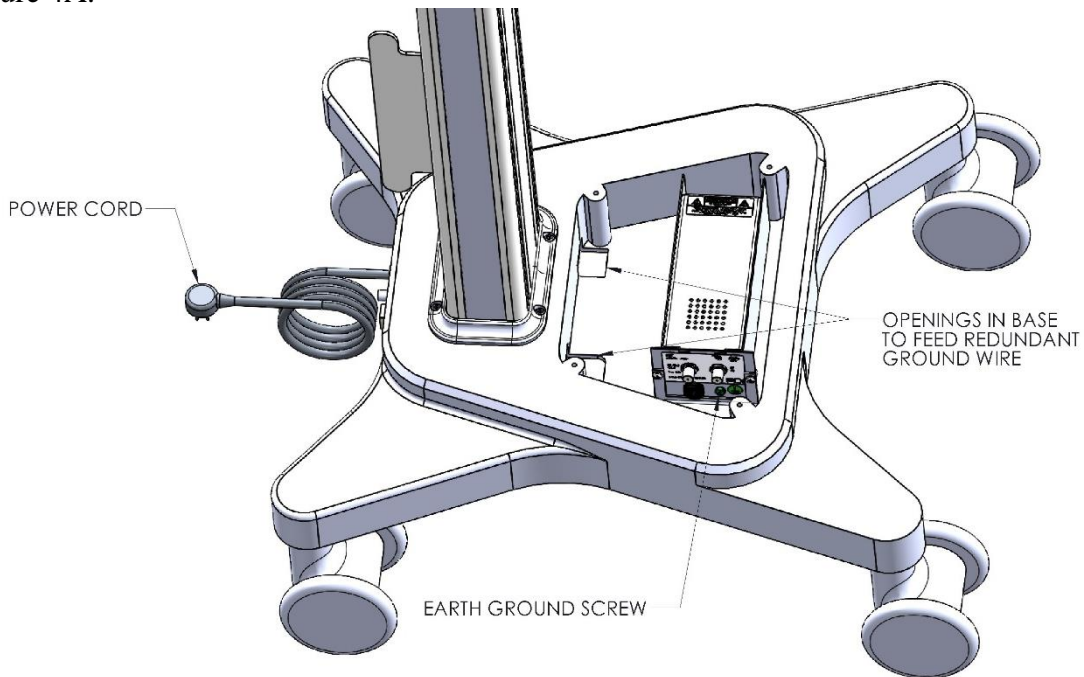
Figure 4.



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2. Feed the secondary ground wire through one of the openings indicated in Figure 4A.

Figure 4A.




3. Replace the cover using the screws that were removed in step 1. Do not overtighten.
4. When using the Mobile Cart, after plugging the power cord into the wall outlet, plug the secondary ground wire into an outlet as well, as shown in Figure 4B.

Figure 4B.



Note: This shows the banana plug separate from the outlet adapter. The secondary ground wire has these connected and covered with shrink tubing to help reduce the chances for the banana plug to get disconnected inadvertently.

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## Column Assembly:

1. Place base on workbench so that it is upright and resting on its casters. Set the brakes on the rear casters so the base will not roll.
2. Place column on workbench as shown in Figure 5.


Figure 5.



3. Unwind ethernet and coax cables in the base and feed the cables through the column as shown in Figure 6.

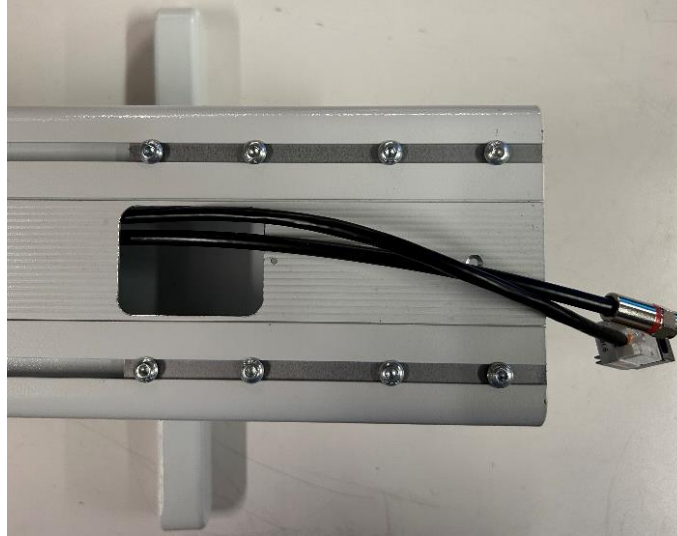
Figure 6.



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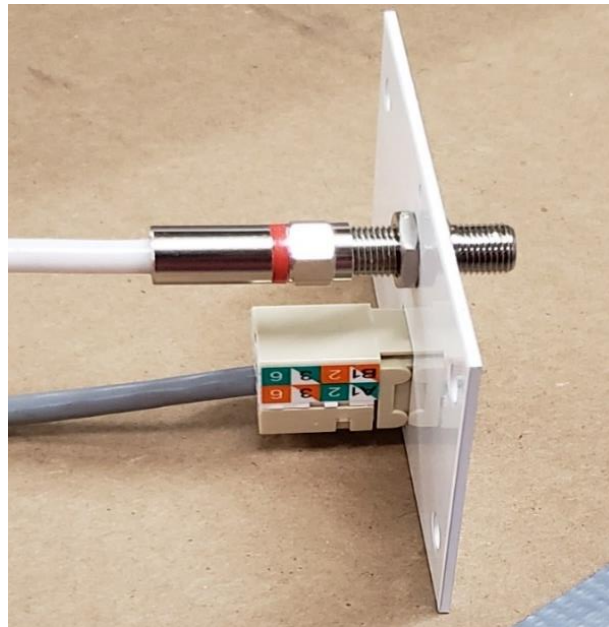
4. Re-Insert the Column Plate and feed the ethernet and coax cables thru the rectangular opening in the Column Plate, as shown in Figure 7.


Figure 7.



5. Connect cables to the Connector Plate as shown in Figure 8. Use a wrench to tighten the coax cable to the barrel fitting on the connector plate. Tighten to 20 in-lbs torque maximum.

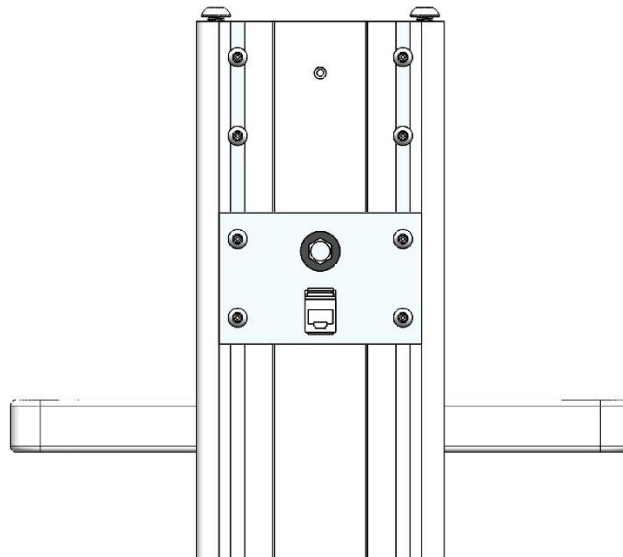
Figure 8.



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- Re-install the Connector Plate with the screws that were removed prior to assembling the Handle and Cord Wrap. Tighten with a 1/8" hex wrench (50-60 in-lb torque). See Figure 9.

Figure 9.



- Remove the four (4) M8x30 socket head cap screws from the bottom of the base, using the enclosed 6mm hex wrench.
- Turn the Base so it is vertical. Keeping the Column horizontal, insert it into the pocket in the Base, as shown in Figure 10.

Note: It will be easier if the base rests on the rear casters with the brakes set. The base will be less likely to move, and the pocket is lower so the Column will fit into the pocket easier.

Note: Take care to ensure cables do not get pinched by the Column.

Figure 10.

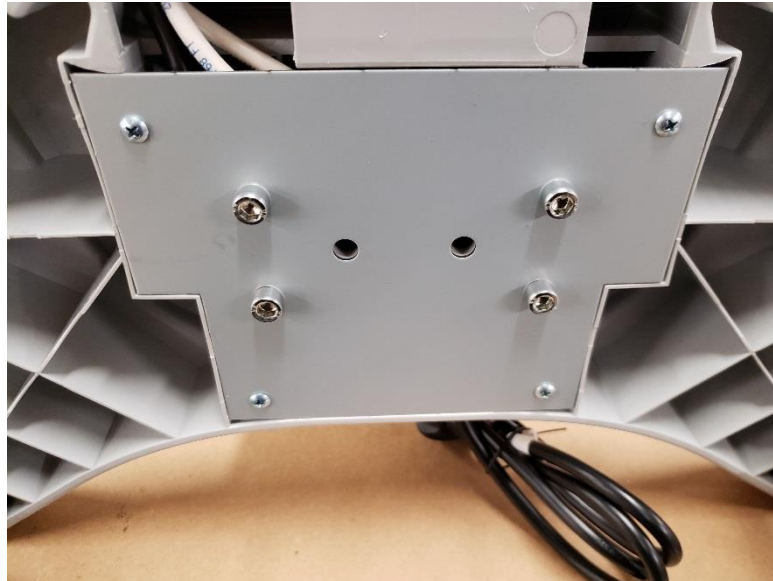





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9. Insert the M8x30 Screws through the holes in the bottom of the base. Use the 6mm hex wrench to tighten completely (100 in-lb torque). See Figure 11.

Figure 11.



10. Set the Mobile Cart upright on floor to install the Arm/TV Assembly.

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## ARM/TV ASSEMBLY:

1. If not already done, place the TV (sold separately) on workbench face down. If necessary, place protective mat on workbench to ensure the viewing surface is not damaged.
2. Using a Phillips screwdriver, mount TV to Arm. If spacers are not provided with the TV, use those in the hardware bag provided with the cart, as shown in Figures 12 and 13.  
Note: The spacers will prevent the cables exiting the TV from being pinched, therefore damaged, when mounted to the arm.


Figure 12.



Note: Ensure the cables from the TV are positioned to be on the underside of the Arm, as shown in Figure 13.

Figure 13.



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- Remove the four (4) M8x20 button head cap screws from the top of the Column, with the 5mm hex wrench provided. Also, remove the four button head cap screws near the top of the Column, above the Connector Plate, as shown in Figure 14, use a 1/8" hex wrench, and set aside. You will need all of these later.

Figure 14.




- Place Arm Assembly on top of Column so the Arm is toward the Front of the Cart. Re-insert the M8x20 screws as shown in Figure 15. Do not fully tighten.

Figure 15.



Note: It will make the task easier if all four screws are started into the threaded holes and then tightening one of them until the Arm supports itself on the Column.

- Re-install the four (4) button head cap screws (removed in Step #3) through the bracket, on the face of the column. Tighten these screws (50-60 in-lbs. torque) with a 1/8" hex wrench.

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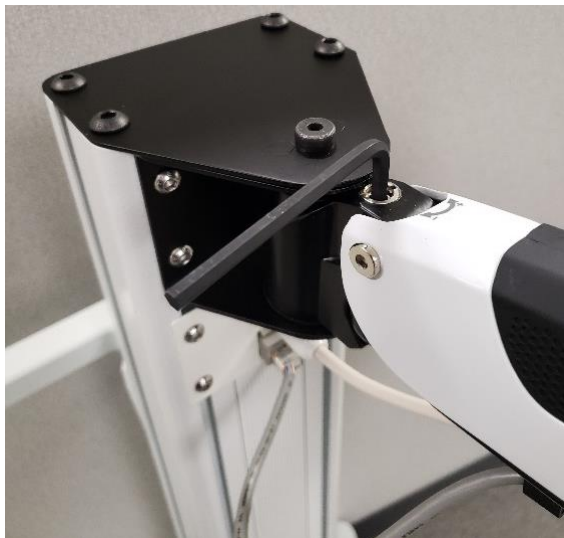
6. Fully tighten the four (4) M8x20 button head cap screws on the top of the Column (100 in-lbs. torque), with the 5mm hex wrench.
7. Connect the coax and ethernet cables from the TV to the Connector Plate on the front of the Column. With a wrench, tighten the coax cable to the barrel fitting on the connector plate. Tighten to 20 in-lbs torque maximum. Use the cable guides from the hardware bag to maintain the cable(s), as shown in Figure 16.

Figure 16.



8. Balance the arm by adjusting the piston resistance at the screw located near the bottom pivot of the arm. Use the included 5mm Hex Wrench, to turn the screw. This will ensure that the Arm and TV maintain their desired elevation. See Figure 17.

Figure 17.



For further support, please contact PDi ProServices at 800.628.9870, Ext. 505.