PXS710D Installation Guide

April 2, 2018

Version 1.01

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1 Special Note

Please read and review the M-PXS-710D User Manual before proceeding with this guide. By proceeding, you agree that you have read and understand all content within that User Manual. The M-PXS-710D User Manual is included with the unit and can also be found on the 20/20 Imaging website.

2 Packaging

2.1 Examine packaging

Examine the packaging for any damage. Notify the 20/20 Imaging sales coordinator/manager immediately if any damage to the boxes has occurred.

2.2 Unpacking

1. Remove the top carton to expose contents as shown in the following image.

2. Remove the top polystyrene cushion (A), which secures the generator, and put aside.

3. Cut off the 3 cable ties located on the Patient Handrails (B).

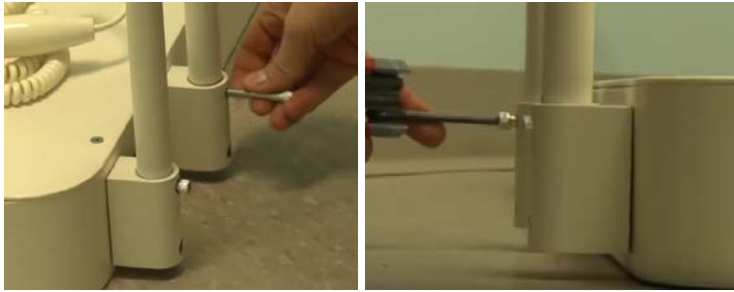4. Lift the Arm (C) up 90° and remove the Patient Back Handrail (D) and put aside.

5. Remove the Patient Side Handrails (E) from the cushions and put aside.

6. Remove the back handrail cushion from the box.

7. Remove the Podiatry System (Model PXS-710D) from the box and put aside.
    *2-person lift recommended.

3 Assembly

3.1 General X-Ray assembly

1. Secure the Patient Side Handrails (A) to the left and right side of the Podiatry Base (B) from the outside using 4 ea. 1/4-20 x 2" SHCS. Tighten securely.

2. Secure the Patient Back Handrail (C) to the back side of the Podiatry Base (B) from the outside using 4 ea. 1/4-20 x 2" SHCS. Tighten securely.
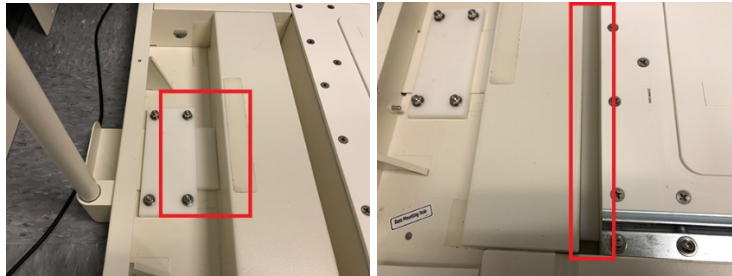

3. Place the Podiatry Support Base (B) in its final location.

3.2 PXS710D Base Preparation & Inserts

1. Using a ratcheting screwdriver with a hex key bit (3/32), remove the 16 base screws and lift the top of base away and set aside.

2. Insert Lateral slot spacers; remove adhesive tape backing and stick in place.

3. Insert AP slot spacers; remove adhesive tape backing and stick in place.

3.3 Supporting Device Installation

Device	Section
P-DR (iRay) 1012 Flat Panel Tethered Detector	→ Go to section 3.3.1
P-DRMW Momentum Wireless Flat Panel Detector	→ Go to section 3.3.2
Film/CR Cassettes	→ Go to section 3.3.3

3.3.1 P-DR (iRay) 1012 Flat Panel Tethered Detector

1. Remove cable grommet(s), 4 screws located on the right side and front side.

2. Disconnect the tether cable from the DR panel, 2 1.5mm (or 5/64) allen screws
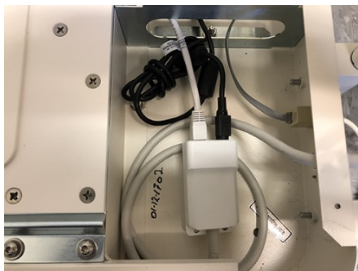
3. Route tether cable through designated grommet(s) to go inside of the base for cable management.

4. Place A/C Adapter(s) for DR panel(s) inside base and connect adapter power, as well as panel power connector to A/C adapter (left – Single panel, right – Dual panel).

5. Connect both the 3' Ethernet (RJ-45) data connection(s) and Power connection(s) to the splitter.

6. Connect the other end of the 3' Ethernet Cable(s) to the back of the base.

7. Adjust cable length.

    - Single Panel Configuration: Determine the amount of cable needed by placing the DR panel in both the AP slot and lateral slot.

    - Dual Panel Configuration: For each panel installed, leave enough cable slack in order to power on/off each panel.

8. Connect cable grommet(s) back together with cable inserted, 4 screws. Located on the right side and front.

9. Connect 10m Ethernet cable(s) at the back of the base

10. Refer to the corresponding DR Device Installation Manual for further instructions.

3.3.2   P-DRMW Momentum (Wireless Flat Panel) Detector

Refer to the corresponding DR Device Installation Manual for further instructions.

3.3.3   Film/CR Cassettes

No further instructions necessary specific to CR Cassettes.
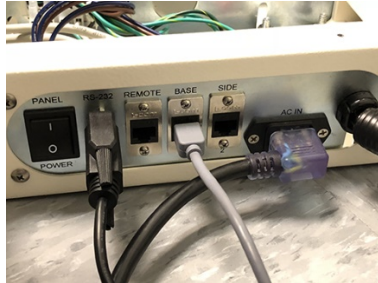
3.4   Replace base top

Place top of base back in place, and re-insert all screws loosely. Once screws are all inserted, tighten each one down until snug.

4 Electrical Connections

1. Connect the power cord from the Base assembly to a 120v power outlet.

2. Ensure all connections at the back of the base and the Tube-Head are securely connected.

   NOTE: do not plug any RJ-11 into RJ-45 ports as damage may occur!

3. Connect the Exposure Switch from the Base cable assembly to the Exposure connector.

5 General Information, Calibration, Operation, Maintenance

Please refer to the M-PXS-710D User Manual. The User Manual is included with the unit, and can be found on the 20/20 Imaging website.

If you encounter issues not addressed by this user guide, please refer to the current revision M-PXS-710D User Manual, or contact technical support for additional assistance.