Secure. Trusted. Proven.

ClinicalAccess® Pro Plus

Unpack,

Install Codec,

Battery Care



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This manual covers the following topics:

1) Unpack the ClinicalAccess® ProPlus Cart

2) Install the Cisco Desk CODEC

3) Battery Overview

4) Battery Swap

5) Battery State of Charge

6) Battery Voltage

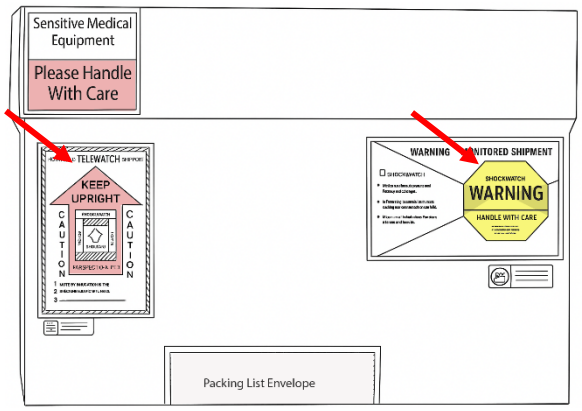
7) Battery Care and Storage

8) GlobalMed Contact Information

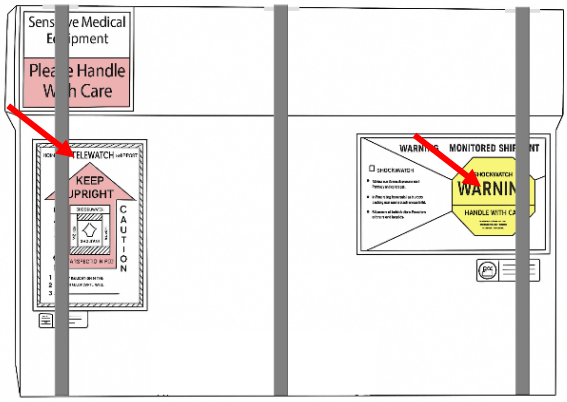
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1. Unpacking Cart

1.1. Confirm the shock and tilt warning indicators are not red. Red indicates improper handling and possible damage.



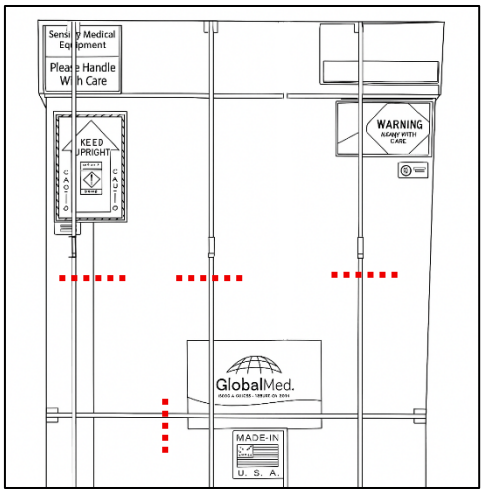
Front of shipping box



Right side of shipping box

1.2. Inspect the shipping box for damage. If anomalies are identified, record damage on bill of lading and accept the shipment. Take photos of damage. Contact GlobalMed if the cart experienced shipping damage. GlobalMed Customer Service +1.480.922.0044, or on the web: GlobalMed Help Desk .

1.3. Cut and remove the banding.



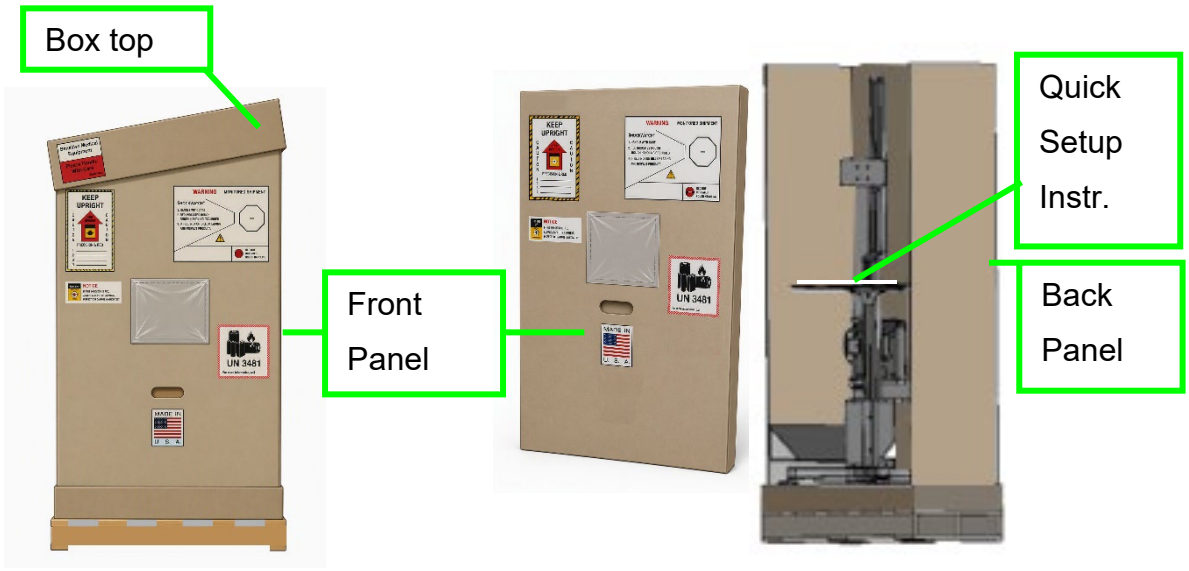
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1.4. Remove the box top.

1.5. Lift front, panel and remove.

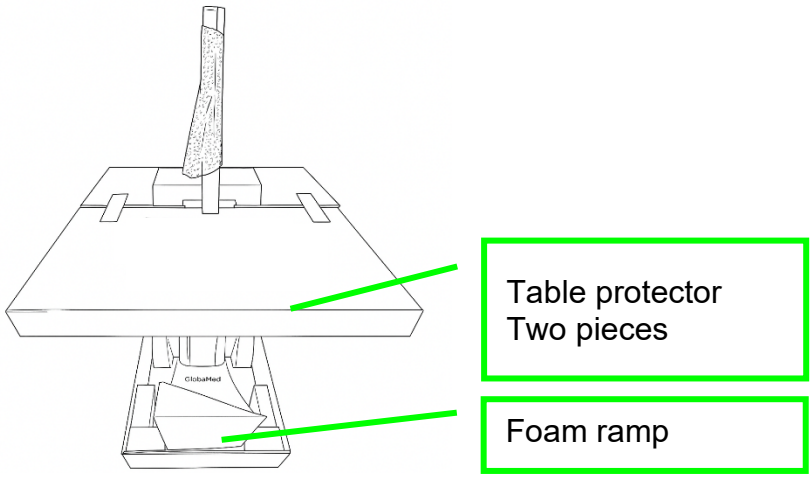
1.6. Remove the back and side cardboard.

1.7. Leave the Quick Set-up Instructions with hardware taped to the cart until ready to install the CODEC.



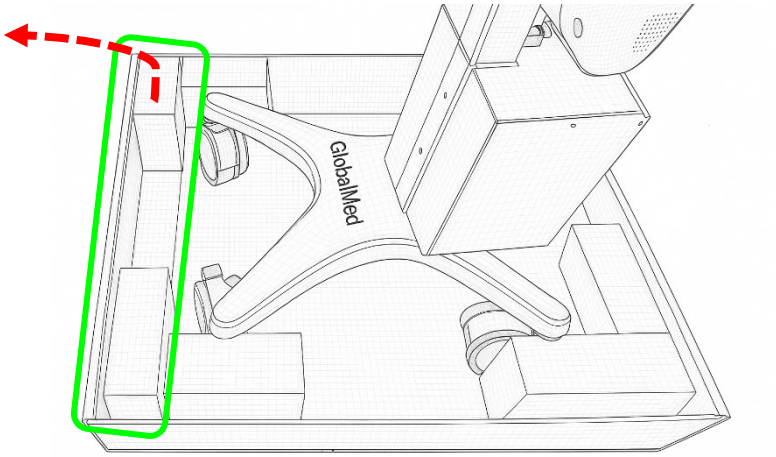
View from right side

1.8. Remove table protector and foam ramp.



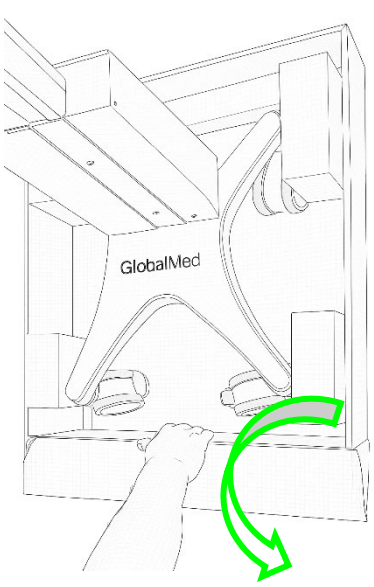
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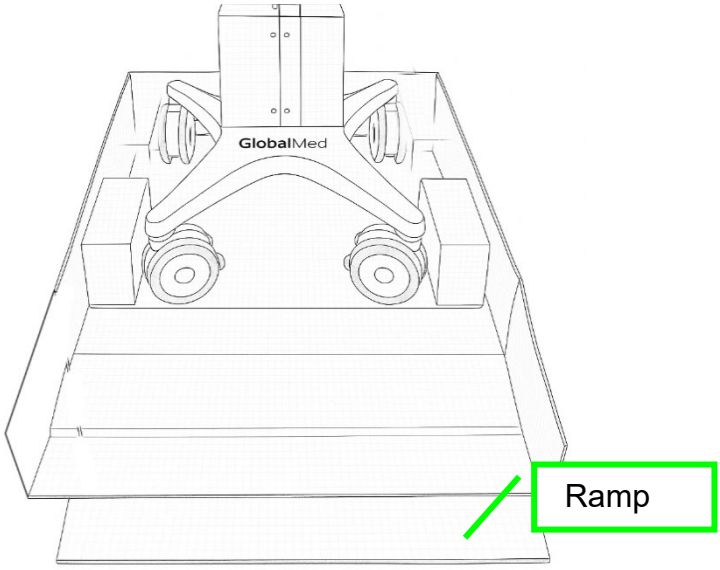
1.9. Remove bumper foam highlighted in green. All other foam stays.



1.10. Unfold the front of cardboard base.

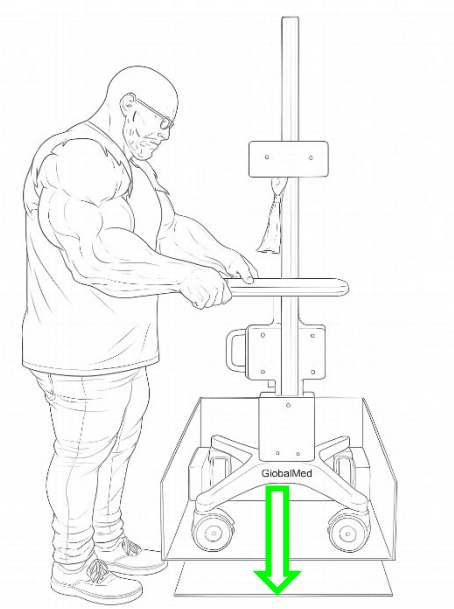
1.11. Place the foam ramp at front of pallette and unfold cardboard over foam ramp.





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1.12. Unlock the two front casters and roll down the ramp.

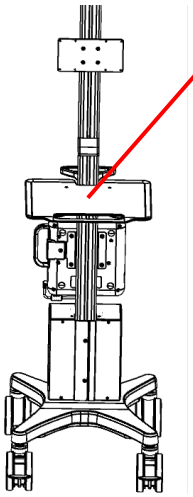


1.13. Lock the casters when the cart is not in use.

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2. Install CODEC

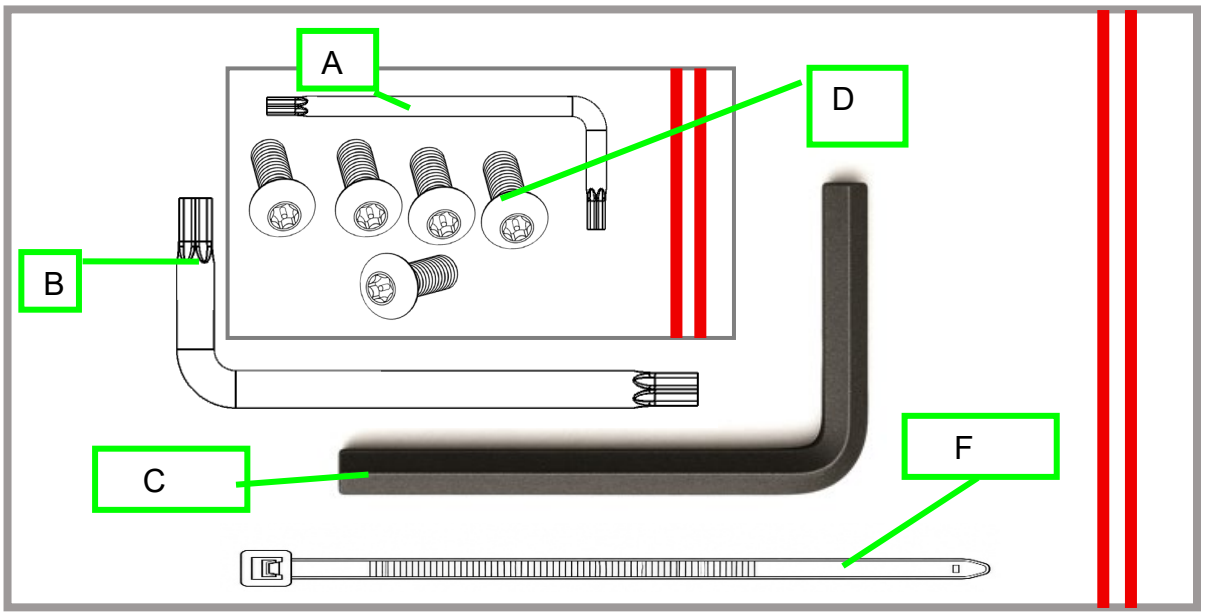
2.1. Remove the Quick Start Pack taped to the worksurface. Confirm screws and L Keys are included in the plastic bag. These will be used.



Quick Start Kit

A. TAMPER RESISTANT TORX L KEY, T15 (GMR10300009), QTY 1
B. L-KEY, TAMPER-RESISTANT TORX, T27, (GMR10300003), QTY 1
C. 7/32” ALLEN WRENCH, QTY 1
D. SCREW, BH TAMPER-RESISTANT TORX, M4-0.7x12MM L, 18-8-SS (GMR10100321) QTY 4 + 1 extra
E. Manual 6050, ClinicalAccess Pro Plus Setup Guide, Qty 1
F. CABLE TIE, PLASTIC, BLACK, 4 IN QTY 1





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2.2. Remove the protective material from the CODEC power and ethernet cables.



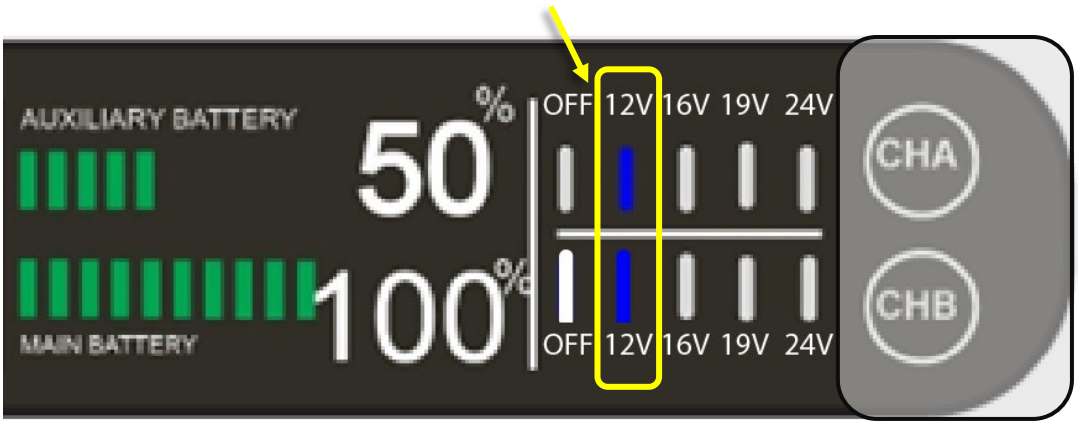
2.3. Press the battery power button for two seconds to turn on the batteries. If batteries do not power on, plug the power cord into a wall outlet and try again.



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2.4. Confirm the battery voltage for both batteries is set to 12V. If voltage is not 12V, contact GlobalMed Customer Service +1.480.922.0044, or on the web: help.globalmed.com/hc/en-us.

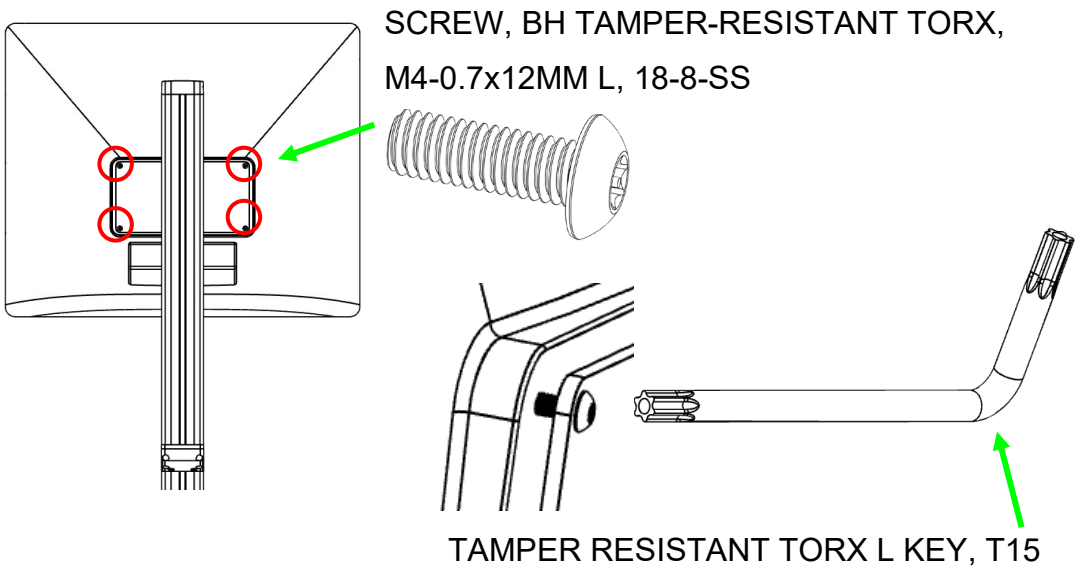
Caution: The CODEC requires 12V only. Any other voltage may permanently damage the CODEC.



2.5. Turn off the batteries by pressing and holding the Power button for three seconds.

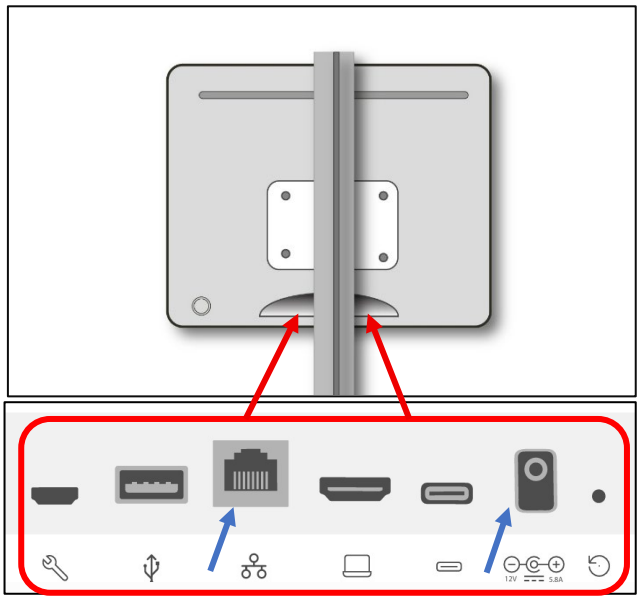
Warning: Personal injury and damage to equipment can occur. Mounting the CODEC requires two people. One to hold the CODEC up to the mount. Second person to screw/fasten the CODEC to the monitor mount.

2.6. Fasten the Cisco DESK CODEC to the mount plate with four screws and T15 Torx wrench provided.



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2.7. Plug the Ethernet cable and Power cable into the back of the CODEC.



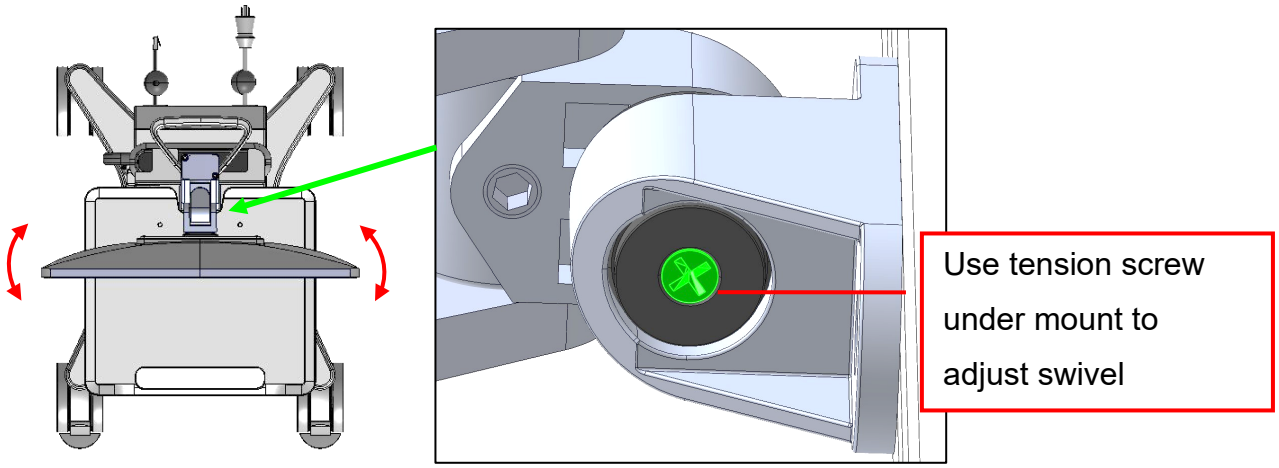


2.8. The provided cable tie can be used to secure the cables to the CODEC using the procedure shown below.



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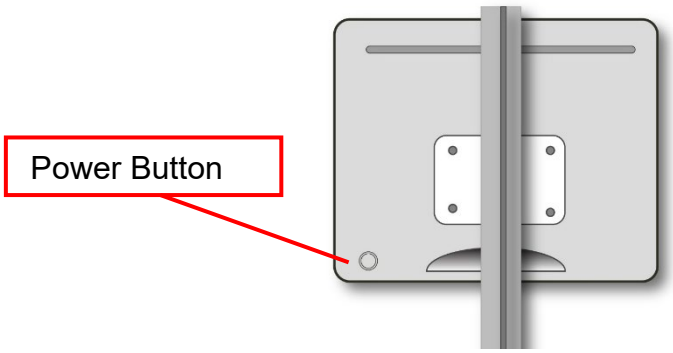
2.9. Hold the left and right side of the CODEC. Swivel the CODEC by pushing back on left side, then back on right side. If the swivel needs to be tighter or looser, use the tension screw on the bottom of CODEC mount.



2.10. The cart is ready for use. Plug the electrical cord into a wall outlet. Use the ethernet reel cable to connect the cart to a network.

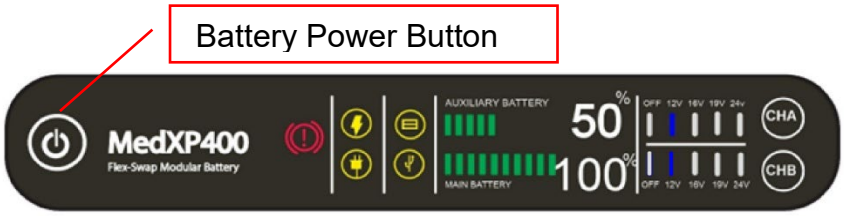
Caution: Make sure the cart is in a location where the cords could not become a tripping hazard.

2.11. Turn CODEC on by pressing the power button on the back of the CODEC.



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2.12. If battery power status is desired, then press and hold the power button for 2 seconds to turn battery power display on.



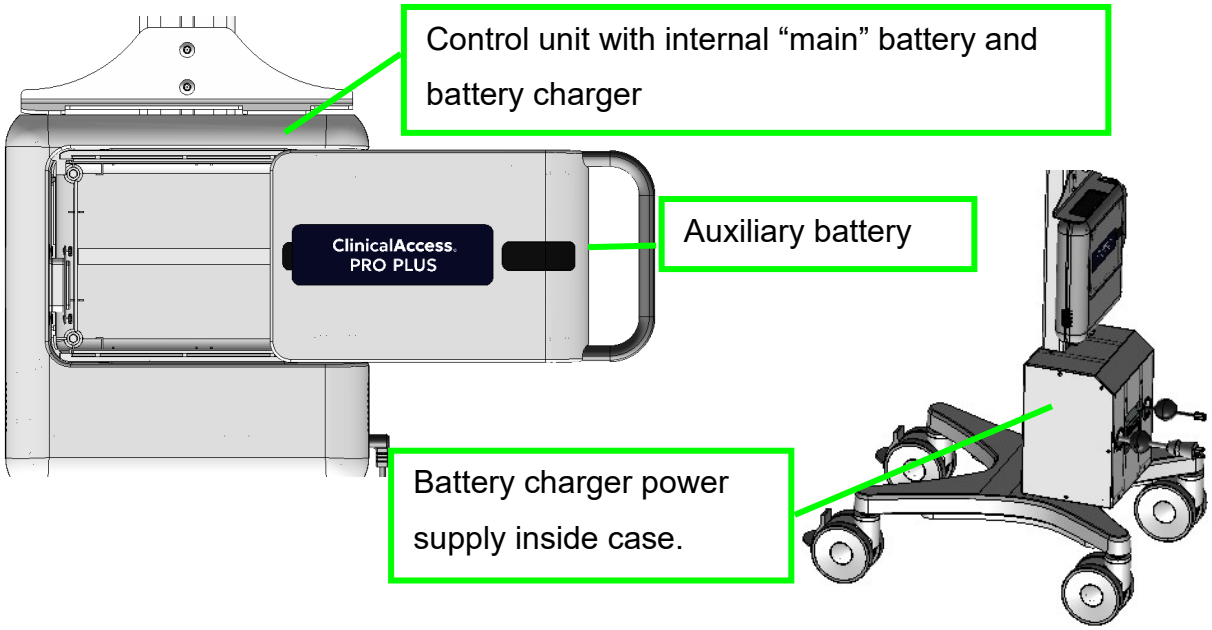
3. Modular Battery System Overview (MEDXP400 Battery System)

3.1. The ClinicalAccess Pro Plus utilizes a 12V battery unit to power the CODEC. The Battery unit consists of:

3.1.1. a removeable auxiliary battery;

3.1.2. a battery charger power supply, and

3.1.3. a control unit with an internal “main” battery and battery charger. The control unit is permanently mounted to the cart.

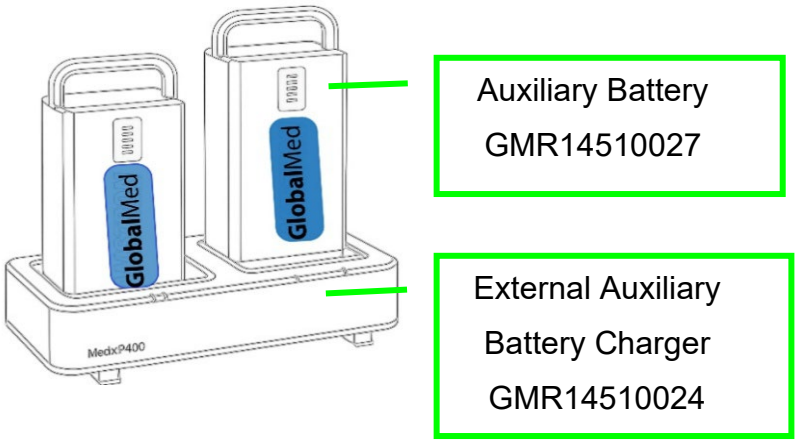


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3.2. Battery Function

3.2.1. When in use, the auxiliary battery discharges first. When charging, the main battery charges first. This allows the main battery to maintain a high level of charge and the auxiliary battery to be swapped without losing power to the cart.

3.2.2. Batteries are charged on the cart when the electrical cord is plugged into a wall outlet. Auxiliary (Modular) Batteries (GMR14510027) can also be charged using a dual bay charging system, MEDXP-400 Amstron (GMR14510024).



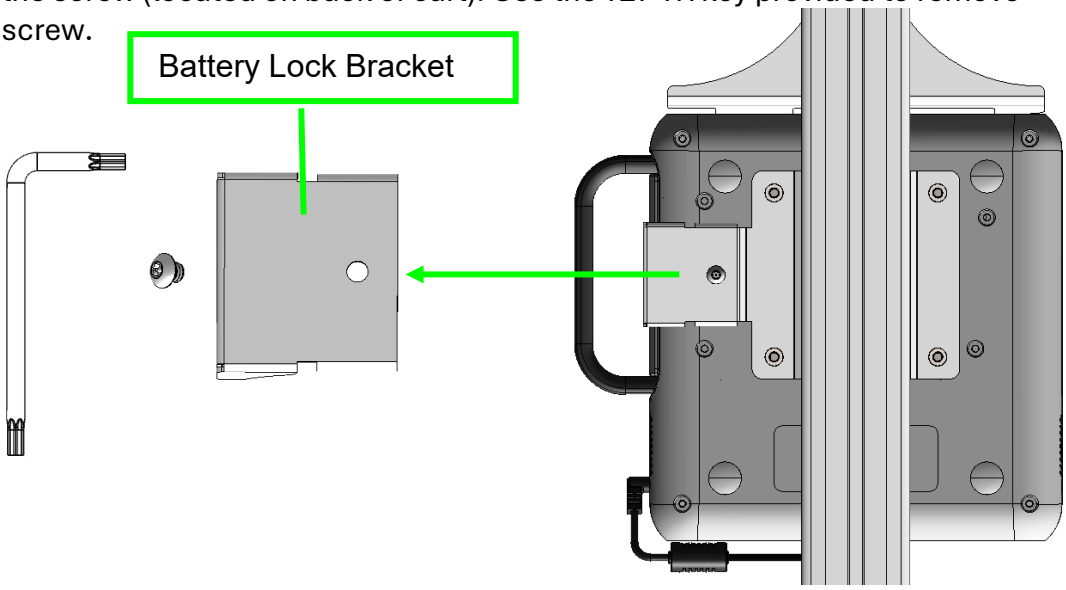
3.2.3. A full charge takes under 6 hours, depending on device usage during charging.

3.3. The auxiliary battery can be removed from the control unit while the cart is in use and unplugged from the wall. As long as the main battery has sufficient charge, it will provide power without interruption. If the main battery is critically low, removing the auxiliary battery may cause a brief loss of power — see Section 5.2.

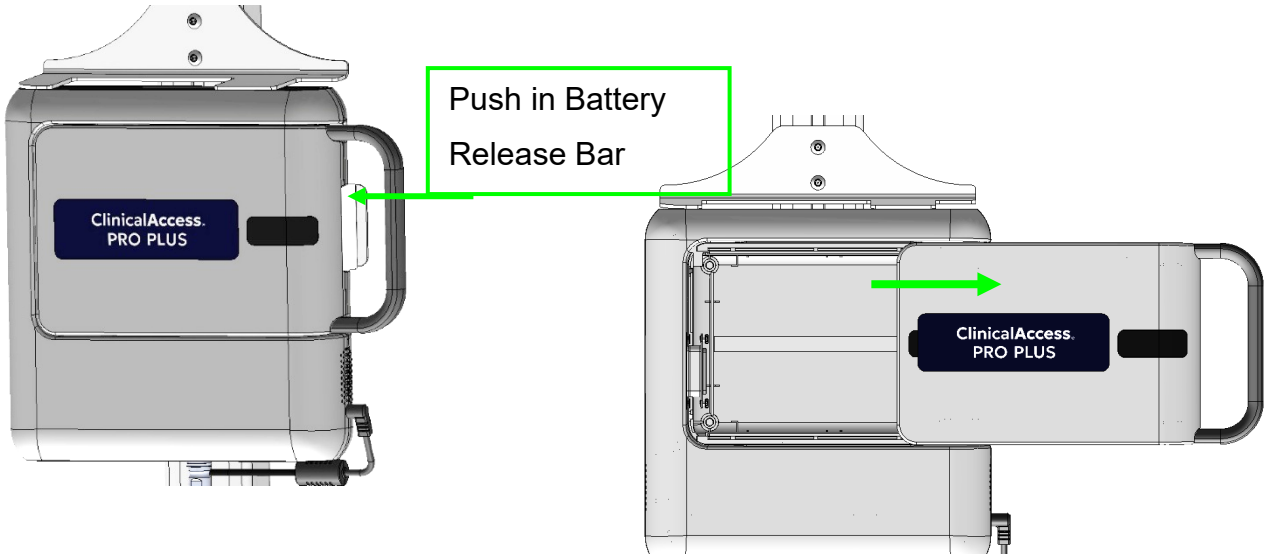
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4. Battery Swap

4.1. To replace the Auxilary battery, remove the Battery Lock Bracket by removing the screw (located on back of cart). Use the T27 TR key provided to remove screw.

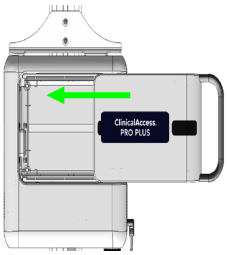


4.2. Push in the Battery Release Bar. Pull the battery to the right to remove.

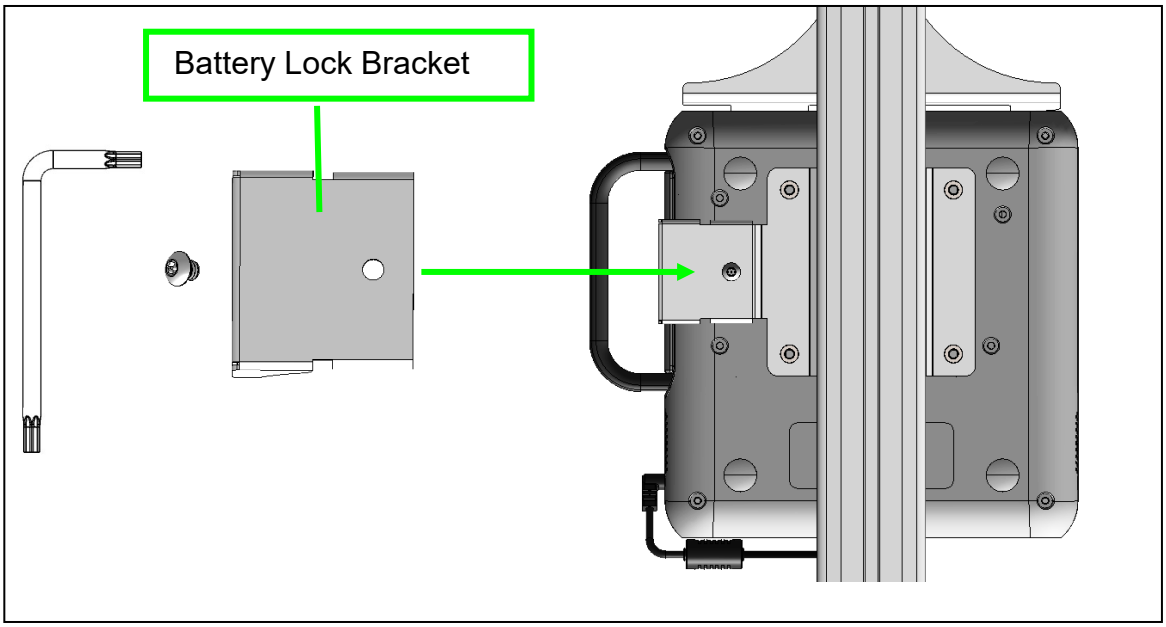


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4.3. Slide new battery into the Battery Control Unit. The battery will “click” when installed properly.



4.4. Reinstall the battery lock bracket. Tighten the screw to approximately 50 in-lbs to prevent the screw from loosening. Use the Torx 27 TR Key to tighten the screw.

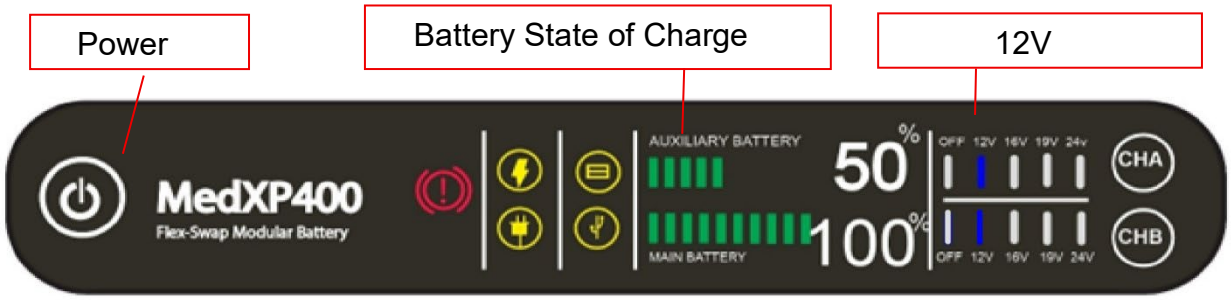


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5. Battery State of Charge

5.1. Press the power button for 2 seconds to turn on the batteries.

5.2. A state of charge less than 5% on the main battery will trigger the low-capacity warning light and may cause the system to shut down, interrupting power to the CODEC.



5.3. An alternate method to view Auxiliary Battery State of Charge is to press Battery Charge Indicator Button on auxilary battery.



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6. Battery Voltage

Warning: The battery system is programmed to output 12V. Any other voltage setting will damage the CODEC.

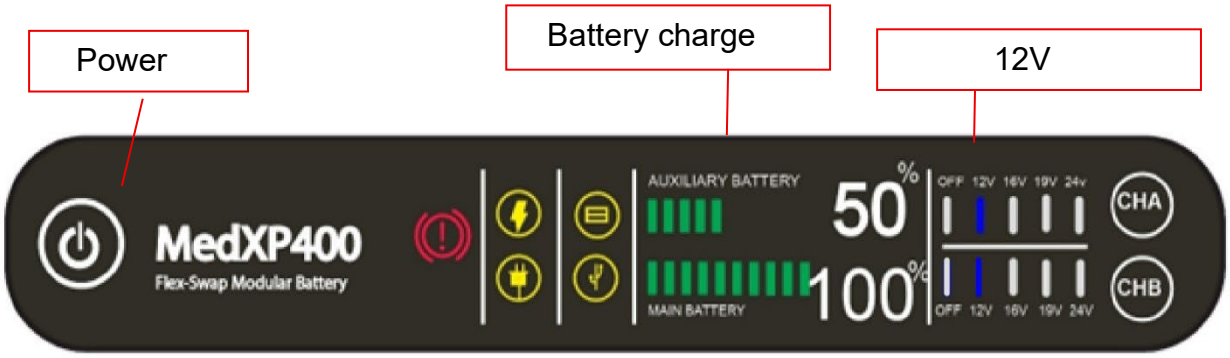
6.1. With the battery power on, the voltage of each battery must be 12V. Contact the GlobalMed Help Desk if battery output is different than 12V.

Safety Cut-Off: If the system exceeds its maximum power output, it will cut off as a protection. For a total-system or inverter overload, turn the power off and on again to recover.

7. Battery Care and Storage

7.1. For day-to-day use,

7.1.1. It is best to charge the MEDXP-400 when not in use or fully charge it after each shift. Continual charging does not harm the battery. The 40–60% guidance in Section 7.2 below applies specifically to long-term storage, not daily charging.



7.2. Long term storage

7.2.1. The BASE will discharge about 1-2% per day so it would be fully discharged in about 3-4 weeks if starting at 30%.

7.2.2. The AUX pack will take significantly longer to discharge as it is around 3% a month. So, if it were at 30%, it would be fully discharged in about 10 months.

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7.2.3. Store the batteries with a charge of 40-60%. Long term storage outside this range can cause permanent degradation of the batteries storage capacity and life.

7.2.4. Check the battery charge every three months and recharge as needed to restore to 40-60%.

7.2.5. Do not store the batteries fully charged or fully discharged. This can speed up degradation.

7.2.6. Store in a cool and dry atmosphere 50°F - 86°F. Do not expose to extreme temperatures or direct sunlight.

7.2.7. Do not store in freezing temperatures. This can cause changes in chemistry if the battery is not fully charged.

7.3. If swelling, leakage or breakage is noticed, safely dispose of the battery.

7.4. If battery electrolyte contacts the skin, flush with water and seek medical attention if necessary.

7.5. Battery Reset After Full Discharge

7.5.1. If the main battery fully depletes to 0%, the system will not power on until it is reconnected to AC power. A fully depleted main battery can take up to 45 minutes on AC power before it shows a charge percentage and stays on independently. This is normal.

7.5.2. The auxiliary battery cannot recharge a main battery that is below 5% — the main battery must have some charge to accept a charge from the auxiliary pack. If the main battery is fully discharged, connect the cart to AC power until it reaches at least 10% before relying on the auxiliary battery to continue charging it.

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8. GlobalMed Contact Information:

Help Desk: 1.800.886.3692 or help.globalmed.com/hoc/en-us

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