

COMMANDER FLEX[®]

User Manual

Telemonitoring System



EXPERTS IN TELEHEALTHSM

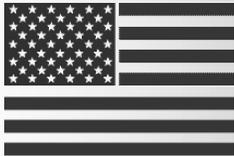
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MADE IN

U. S. A.

BEFORE USING THE COMMANDER FLEX®
READ THE ENTIRE USER MANUAL.



WARNING: THE COMMANDER FLEX® SYSTEM IS NOT INTENDED FOR EMERGENCIES. IF YOU HAVE ANY URGENT SYMPTOMS, CALL YOUR LOCAL EMERGENCY NUMBER OR YOUR HEALTH CARE PROVIDER.

The Commander FLEX System has been designed, manufactured and tested according to the highest quality standards. It is being provided to you by your health care team. You are required to return the Commander FLEX, and all peripherals upon request.

All accompanying documents including this manual and inserts shall be regarded as part of the Commander FLEX System.



The “crossed-out wheelee bin”  symbol on the device indicates it must not be disposed of with your normal household waste. Instead, return the products to Cardiocom for the recycling of waste electrical and electronic equipment.

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IMPORTANT COMMANDER FLEX[®] SAFETY PRECAUTIONS

To ensure the correct and safe use of the Commander FLEX[®] device (including all of its parts and peripherals), the following safety measures should be followed, along with the other warnings and cautions listed in this manual and on the device.

Safety Terms Used	
 DANGER	Will cause serious injury or death.
 WARNING	Could cause serious injury or death.
 CAUTION	Will or could cause moderate or minor injury and/or property damage.



CARDIOM WILL NOT BE LIABLE FOR ANY HAZARDS INTRODUCED OR DAMAGE SUFFERED AS A RESULT OF UNAUTHORIZED MODIFICATION OF THE DEVICE OR FAILURE TO FOLLOW THE SAFETY



DANGER:

Do not wrap the hose of the blood pressure cuff, the device power supply cord, or any other portions of the Commander Flex, around the neck. Doing so could result in strangulation or other injury.

Do not use the device power supply if it is damaged, or if it plugs into the electrical outlet loosely, or is otherwise improperly connected to an electrical outlet. Doing so may result in electric shock, overheating, fire, or short-circuiting.

When using the device power supply, make sure it is properly and fully inserted into the electrical outlet. Failure to do so could result in electric shock, overheating, or short-circuiting.

Do not overload power outlets. Plug the device into the appropriate voltage outlet only. Use power supply only with AC 120 volt electrical outlet. Use with electrical outlets at other voltages may result in the risk of fire, electrical shock, or burns.



WARNING:

Read all of the information in this manual before operating the Commander Flex.

Operate the Commander Flex as intended and do not use the device for any other purpose.

The Commander Flex is intended for use by an adult. Children should not use the device or be left unattended with the Commander Flex. Do not use the device if you are unable to operate it by yourself. The device is not to be used by persons who cannot express their intentions.

Do not insert foreign objects into any openings of the Commander Flex or attempt to modify the device.

Do not use the blood pressure cuff where either an intravascular access or therapy, or an arterial (A-V) shunt, is present, as this may cause interference to blood flow and result in an injury.

Do not use the blood pressure cuff or any other part of the device on part of your body with an existing injury or wound. Such use may result in further injury.

Do not use the blood pressure cuff on an arm on the side of a mastectomy. Doing so may result in further injury.

Do not use the blood pressure cuff on an arm while monitoring equipment is already in use, as this can temporarily cause loss of function of the monitoring equipment.

If the product does not operate properly, exhibits an error or malfunctions in any way, stop use and unplug the device from electrical power supply immediately, and request inspection and service. Failure to do so could result in the risk of an accident, electric shock, or fire. If your device needs servicing, please call Customer Care at the phone numbers identified on this manual's cover page.

The Commander Flex is designed to be maintained and serviced (with the exception of cleaning) only by qualified personnel. Do not disassemble or attempt to repair the device.

The device is for indoor use only. Do not operate the Commander Flex in extreme temperature or humidity conditions.

If the device is used close to televisions, microwave ovens, cellular telephones, X-ray or other electrical devices, Commander Flex measurements or output may be distorted, or device operational failure may occur.

Unplug the device power supply from the electrical outlet before cleaning. Do not plug or unplug the device power cord into the electrical outlet with wet hands. Doing so may result in electrical shock or fire.

Do not expose the Commander Flex to water or other liquids. Doing so may cause electric shock, short-circuiting, and other damage to the product.

Use power supply only with electrical outlet of voltages marked on name plate. Do not use a voltage converter. Doing so may cause fire or electric shock.

Do not allow any material to drape over the device power supply while in use. Doing so could result in the risk of fire.

Do not modify or attempt to repair the Commander Flex or peripherals. Doing so could result in the risk of fire, electrical shock, or injury.

Do not scratch, damage, modify, bend, pull, or twist the power supply cord or the other parts of the Commander Flex. Do not place heavy objects on top of the device power supply cord or pinch it with objects or tools. Do not wrap the cord around the device or the body of the power supply. Doing any of these things may result in the risk of fire or electrical shock.

Do not step or walk on the device power supply cord or any cables or peripherals. Doing so may cause an accident or injury.

Do not submerge the Commander Flex in water or get it wet (other than the moist cloth used while cleaning.)

Blood flow interference and harmful injury can be caused by continuous cuff pressure due to connection tubing kinking.

Too frequent of blood pressure measurements can cause injury due to blood flow interference.



CAUTION:

Cleaning must not be performed while equipment is in use or connected to the power supply.

Avoid tightly folding the blood pressure cuff or storing the hose tightly twisted for long periods, as such actions may shorten the life of the Commander Flex components.

If the Commander Flex becomes dirty, clean with a soft cloth that is slightly moistened with warm water. Do not use alcohol, paint thinner, or anything other than warm water.

Use care in handling the Device. Do not drop the Device or any parts or peripherals. Protect the Device from impact or sudden shocks.

Store the Commander Flex in a clean, safe location. Do not store it in direct sunlight, high humidity, freezing temperatures or other extreme temperatures or dust.

The effectiveness of this sphygmomanometer has not been established in pregnant (including pre-eclamptic) patients.

If you have questions about your Commander Flex[®], call the number on this manual's cover for help.

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Welcome to the Commander FLEX System

What is the Commander FLEX?

Commander FLEX is a home monitoring tool. It sends important health information to your health care team. This allows your doctor and other health care team members to take action before your symptoms get worse. Your health care team can make changes to your care plan to help you stay healthy.

How do you participate?

Your health care team has provided Commander FLEX for you to use at home. You should use the Commander FLEX each day. You may use the Commander FLEX to measure your weight, peak flow, oxygen saturation, blood pressure, and/or blood glucose levels. You should do this as instructed by your health care team. This data will be sent to your health care team each day. The Commander FLEX uses its own cellular connection or toll free numbers to send data so there will be no charge to you.

What are the benefits of using Commander FLEX?

- Identifies symptoms early and allows your health care team to take action
- Keeps you “in touch” with your doctor and his or her team
- Teaches you about your health condition

Keep this Manual near your Commander FLEX for a quick reference.

Your Commander FLEX Kit Includes:



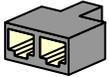
Commander FLEX



Power Supply



Telephone Cord



Telephone Jack Splitter

You may have also been sent one or more of the following peripherals:



SC100 Scale PE (Professional Edition)



SC250 Scale SE (Slim Edition)



SC200 Scale WE (Wireless Edition)



Peak Flow Meter



GlucoCom[®] Blood Glucose Meter



Blood Pressure Cuff



Pulse Oximeter

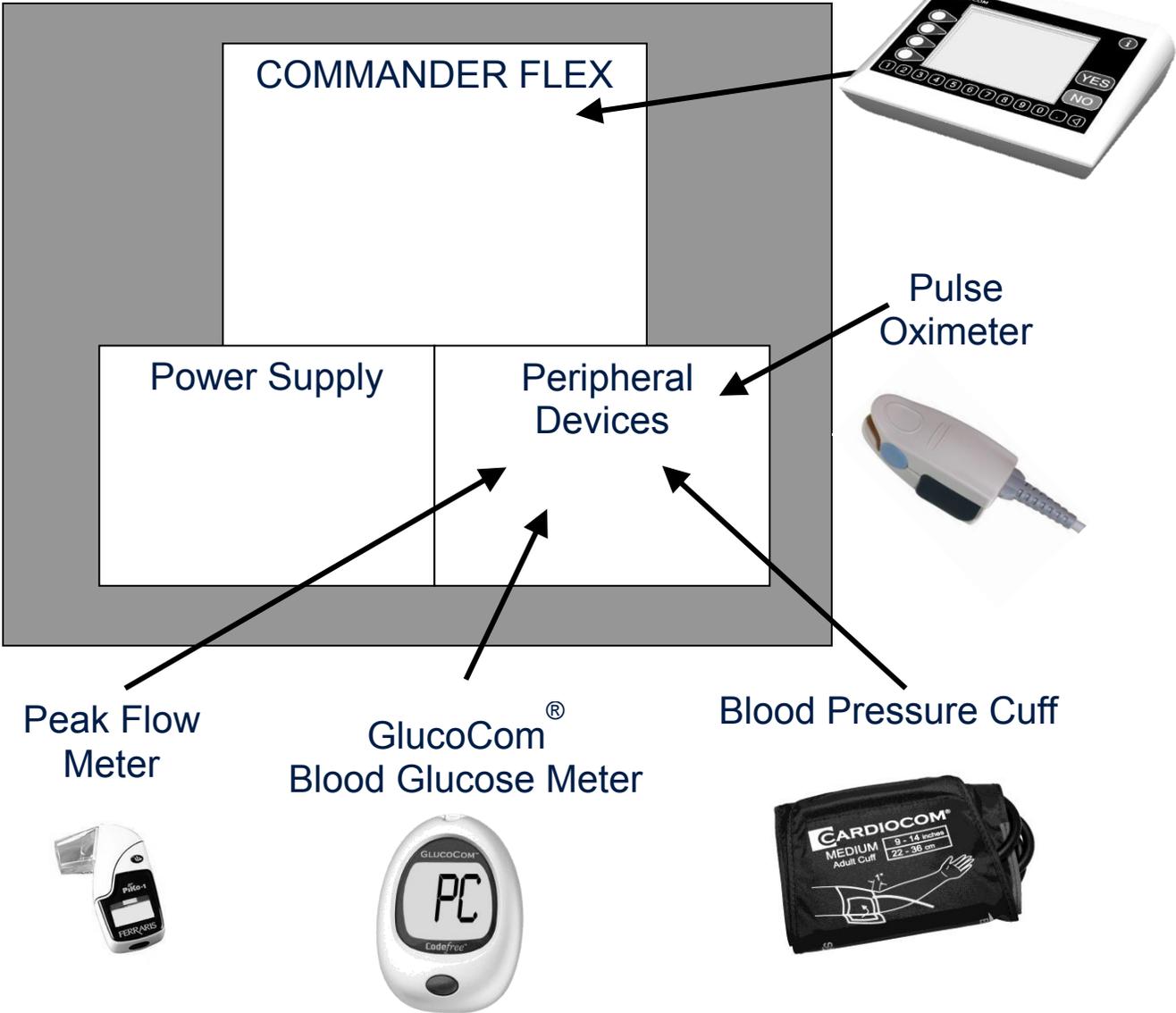


Ear Thermometer FORA IR20c

B

Unpacking Commander FLEX

IN THE BOX



Peak Flow Meter



GlucoCom[®] Blood Glucose Meter



Blood Pressure Cuff



Pulse Oximeter



Note: You may not be sent all of the other peripheral devices. If you were sent a scale, it will be in a second box.

Unpacking Commander FLEX

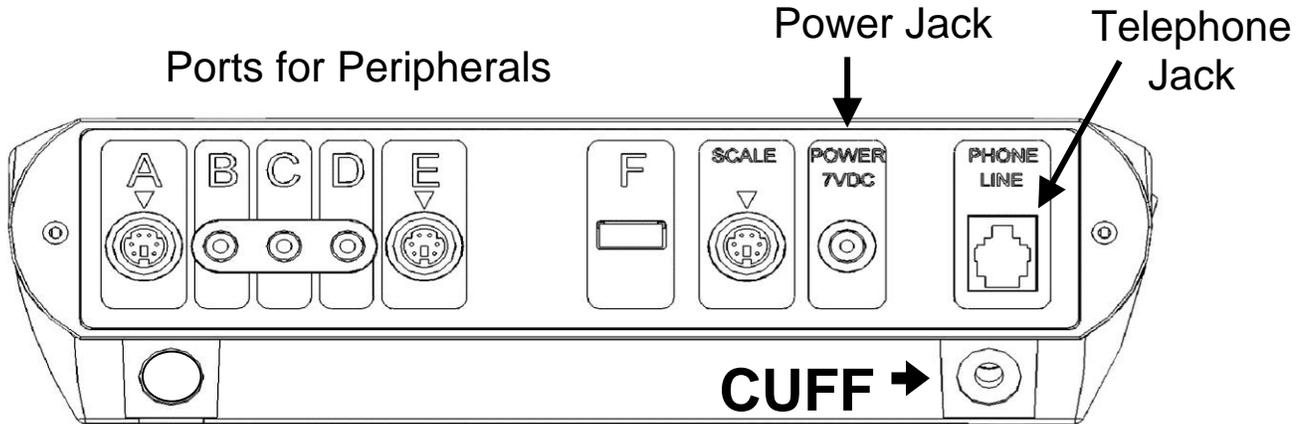
1. Remove the Commander FLEX and additional peripheral devices from the box.
2. Check for any damage from shipping. If you note any damage, call your care provider as soon as possible.
3. Save the original box and shipping material for when you return the Commander FLEX.

Save the box for return shipment

C

Connecting Commander FLEX

Connections on Back of the Commander FLEX:



Peripheral Port Colors

- Port A = ORANGE
- Port B = RED
- Port C = DARK BLUE
- Port D = GREEN
- Port E = LIGHT BLUE
- Port F = LIGHT GREEN
- Scale = YELLOW

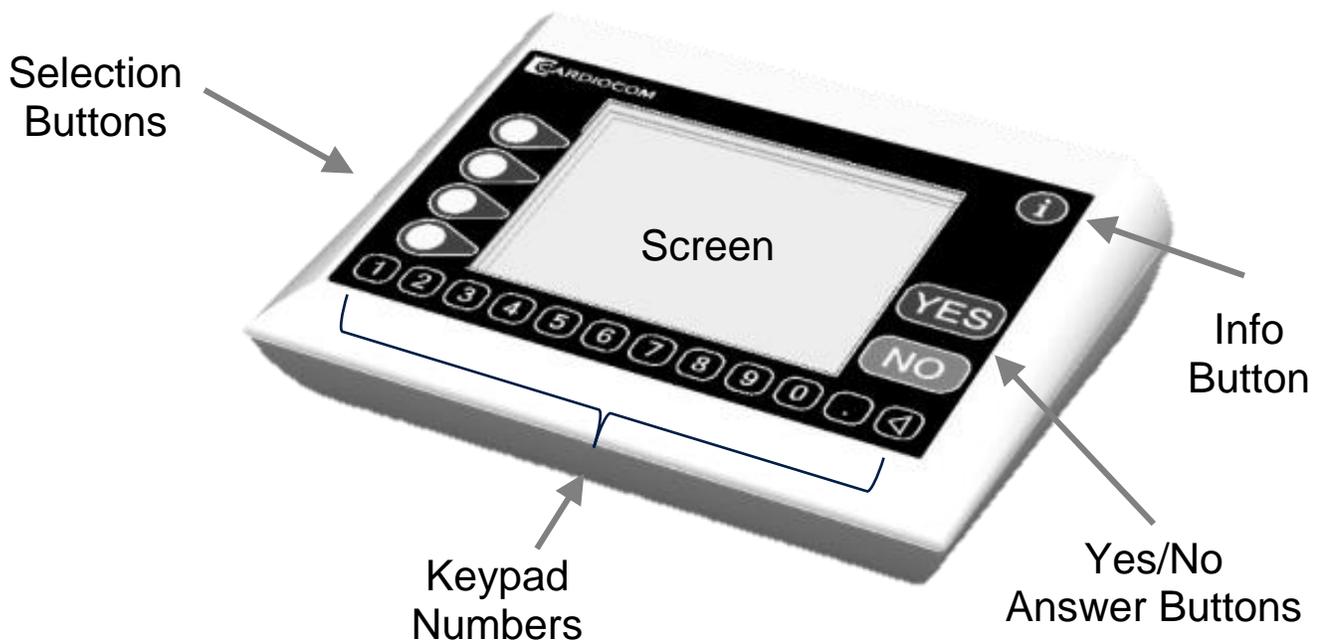
Commander FLEX Setup

The Commander FLEX is able to send your data to your health care provider in two ways. You can use your home phone line or the device can use the built-in cellular modem.

- If you have a home phone line, turn to **Section E for Using Commander FLEX with a Telephone Line.**
- If you do **NOT** have a home phone line, turn to **Section D for Cellular Connection Setup.**

Main Features

- **Screen** – The black and white LCD screen will show text and graphics.
- **Selection Buttons** – These buttons are used for selecting options from the onscreen menus or answers to multiple choice questions. The answers will show up on the screen next to the buttons.
- **Keypad Numbers** – The keypads are used to manually enter numbers e.g. manual entry of vital sign readings.
- **Info Button** – This button is used to access the Main Menu.
- **Yes/No Answer Buttons** – These buttons are used to answer questions that ask for a YES or NO answer.



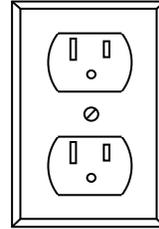
D

Cellular Connection Setup

Note: You should use this section to set up the Commander FLEX if you DO NOT have a home phone line.

Where to Set Up Commander FLEX

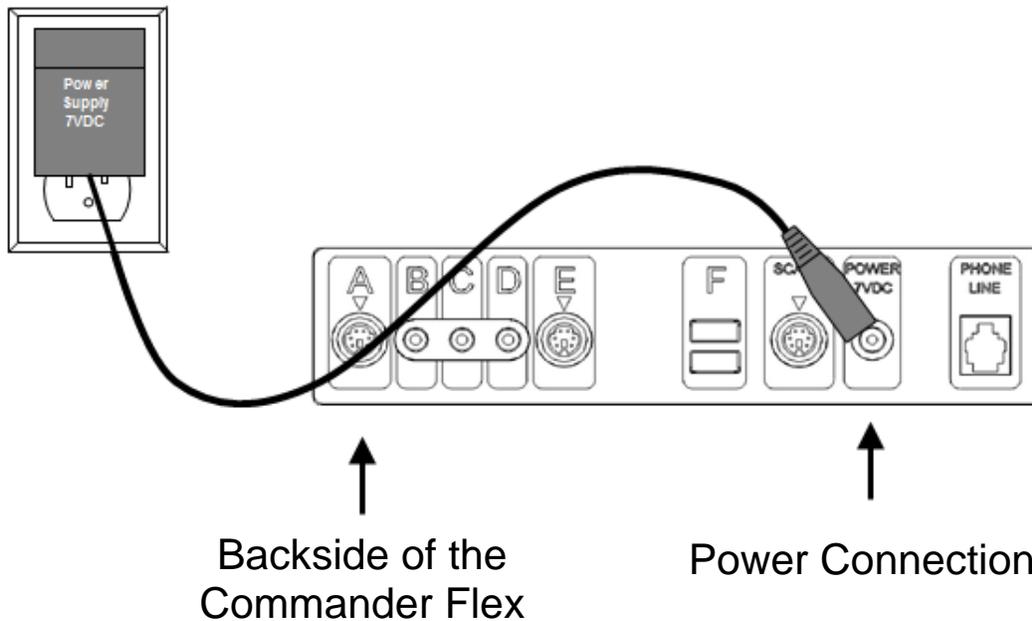
1. Near an outside wall or window.
2. Near an electrical outlet.



How to Connect Commander FLEX

Be sure to connect the parts in this order:

1. Insert the small end of the Power Supply cable into the port labeled "POWER" on the back of the Commander FLEX.



How to Connect Commander FLEX ...continued

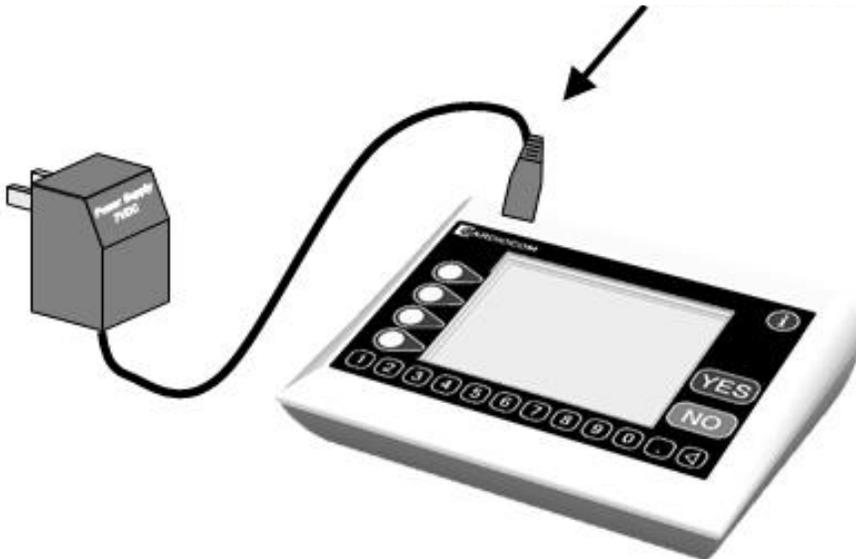
2. Plug the Power Supply into a standard electrical wall outlet.



WARNING: BE SURE TO ONLY USE THE POWER SUPPLY THAT WAS SENT WITH THE COMMANDER FLEX. THE COMMANDER FLEX IS NOT MEANT TO BE USED WITH OTHER POWER SUPPLIES.

3. The Commander FLEX set up should look like this:

Plug In Here



Commander FLEX Activation

When the Commander FLEX is plugged in, it will turn on and start the setup process. This step will take a few minutes to complete.

If the Commander FLEX was not able to complete the setup process on its own, the device will give you more instructions. Follow these instructions to complete the setup process.

Signal Strength and Cellular Connection

Here are a few tips to help you get more bars and improve your signal strength:

1. Place the Commander FLEX near an outside wall or window.
2. Do NOT place Commander FLEX next to your TV or other electrical equipment.
3. Do NOT place Commander FLEX near large metal objects, such as your refrigerator.

Now you can turn to **Section F** for instructions on using the Commander FLEX.

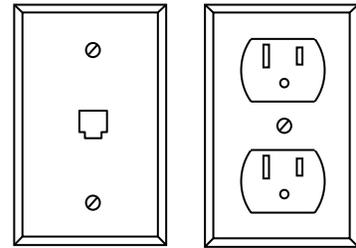


Using Commander FLEX with a Telephone Line

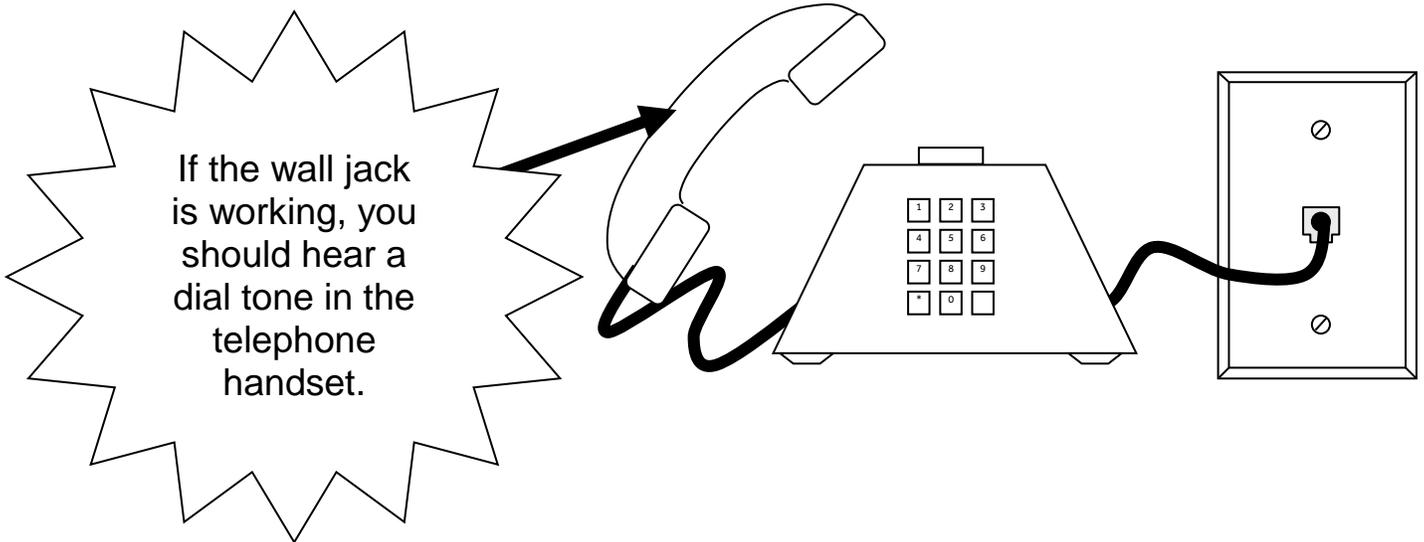
Note: You should use this section to setup Commander FLEX if you DO have a home phone line.

Where to Set Up Commander FLEX When Using a Telephone Line

1. Place near a working telephone wall jack.
2. Place near an electrical outlet.



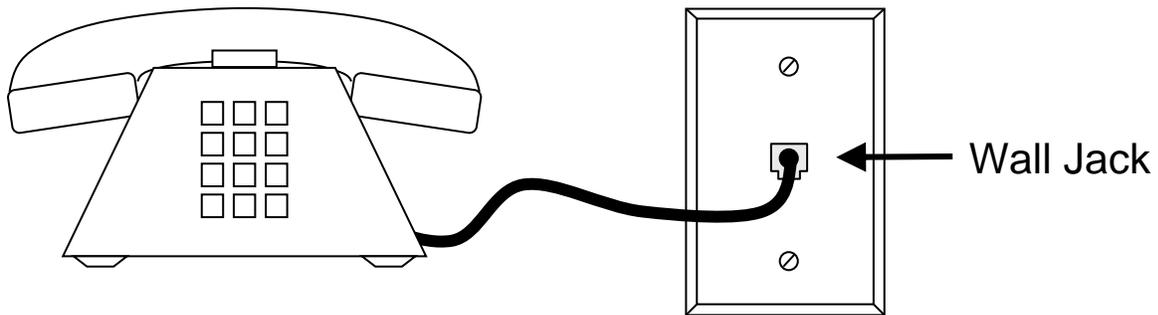
NOTE: You can check to see if the wall jack is working by connecting a phone to the wall jack. You should hear a dial tone on the phone if the wall jack is working properly.



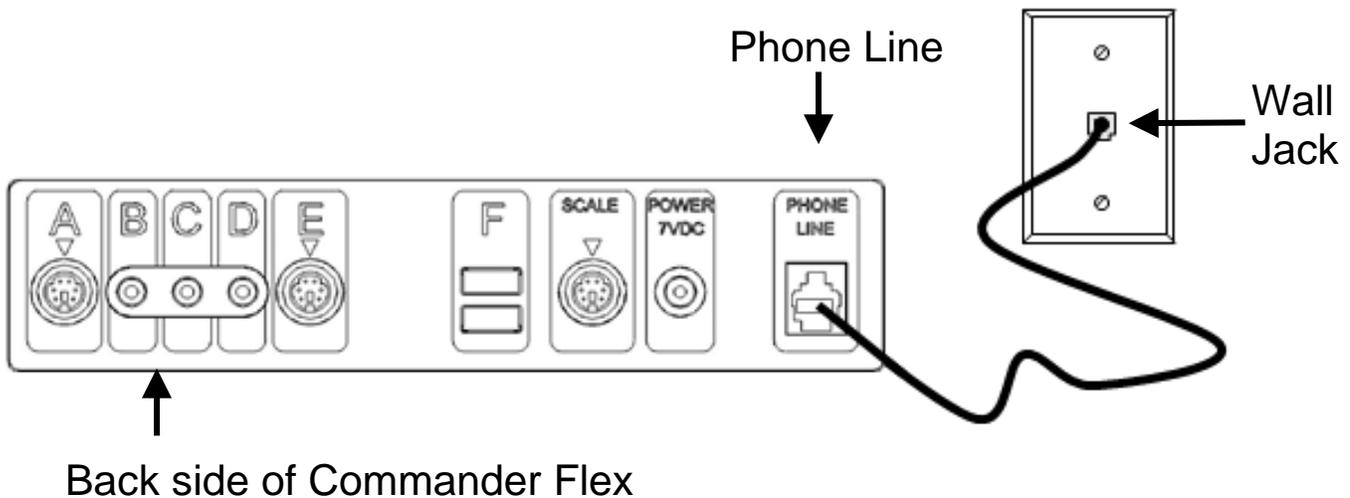
How to Connect Commander FLEX When Using a Telephone Line

Be sure to connect the parts in this order:

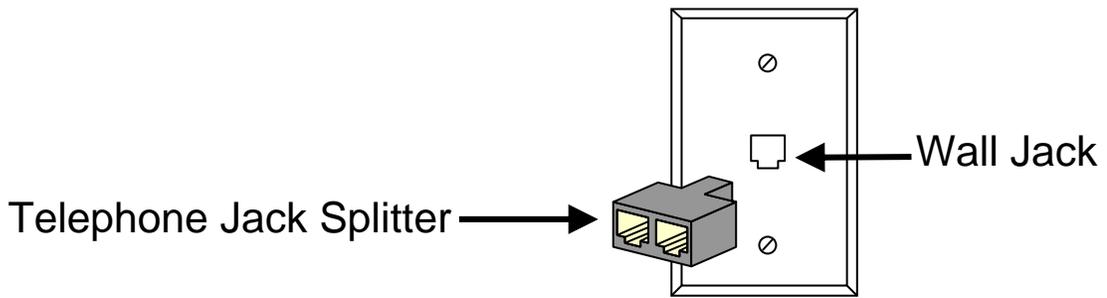
1. If there IS a telephone plugged into the wall jack, unplug the phone from the wall jack and go to Step 3. *If there is no phone plugged into the wall jack, proceed to Step 2.*



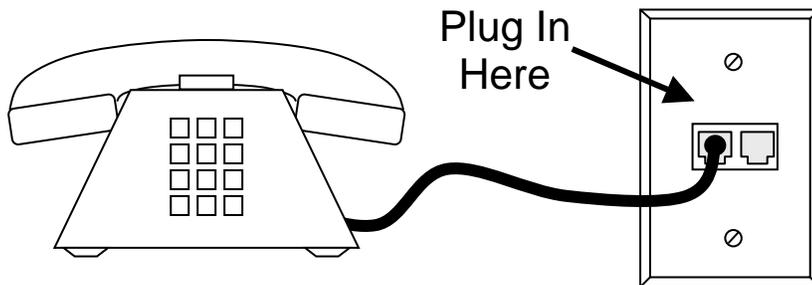
2. If there is NOT a telephone plugged into the wall jack, plug one end of the telephone cord you were sent into the wall jack. Plug the other end into the port on the back of the Commander FLEX labeled "PHONE LINE". Then, go to Step 6.



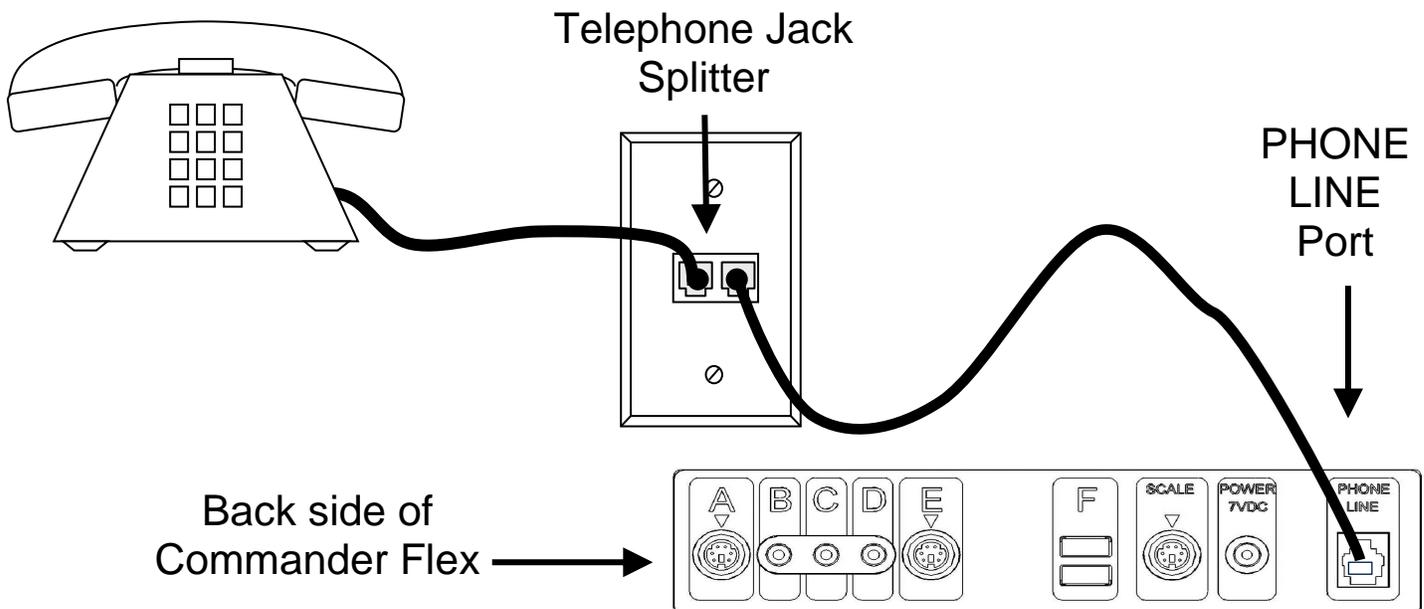
3. Insert a Telephone Jack Splitter into the wall jack.



4. Plug the telephone into one side of the Telephone jack splitter.



5. Using the telephone cord you were sent, plug one end into the Telephone Jack Splitter. Plug the other end into the port on the back of the Commander FLEX labeled "PHONE LINE." Your telephone will continue to function as normal.

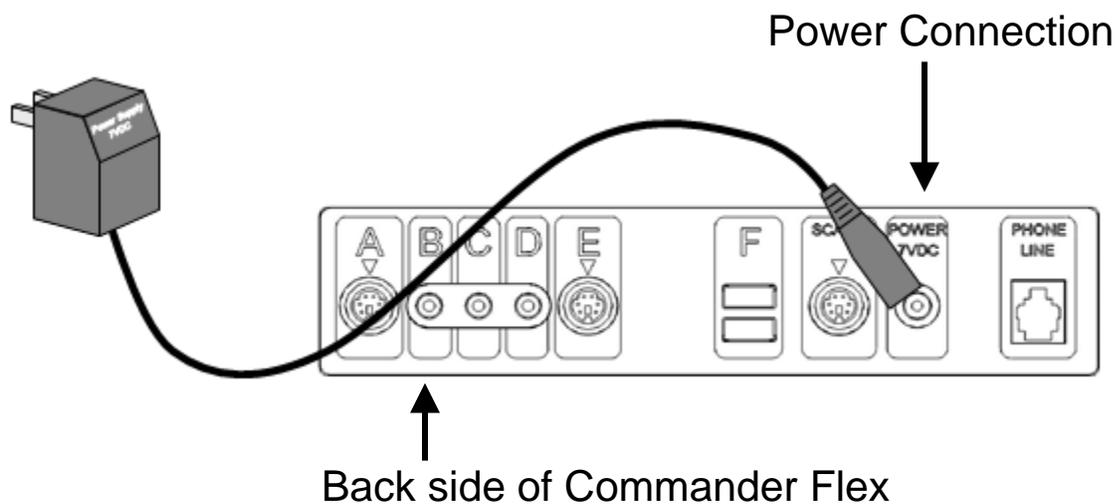


How to Connect Commander FLEX When Using a Telephone Line...continued

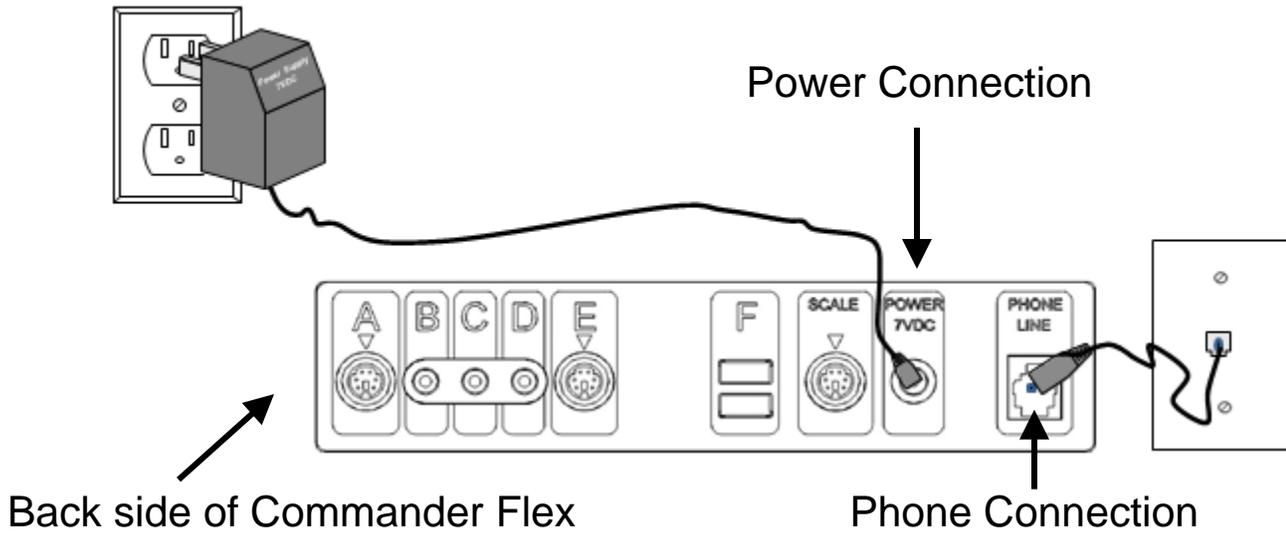
6. Plug the Power Supply into a standard electrical wall outlet.



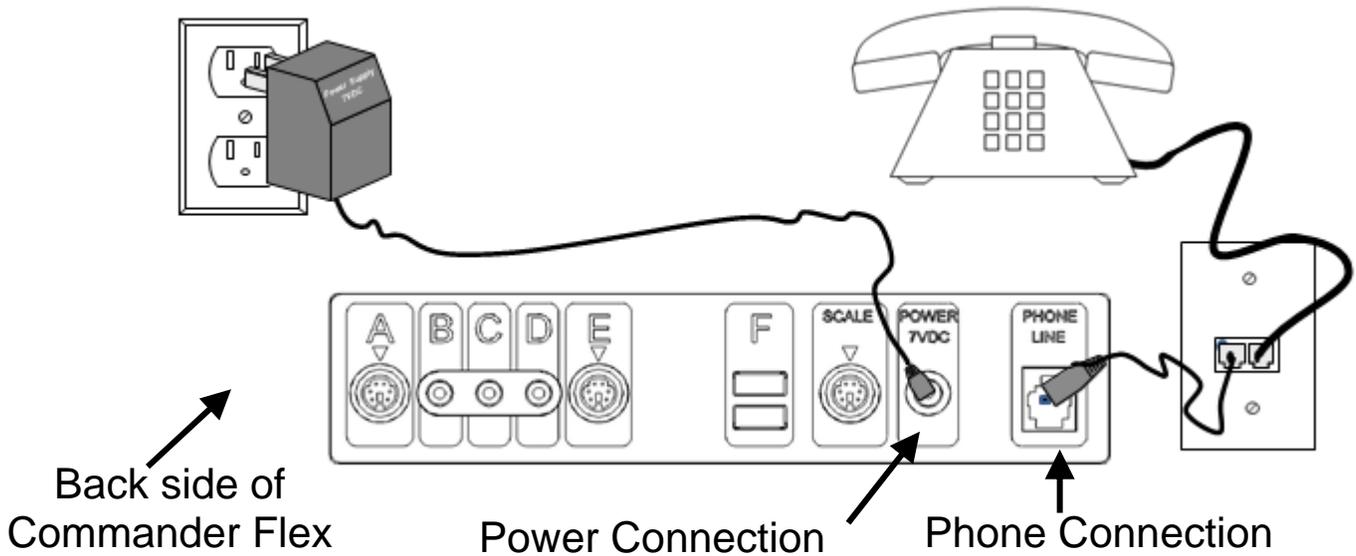
7. Insert the small end of the Power Supply cable into the port labeled "POWER" on the back of Commander FLEX.



8. The Commander FLEX setup should look like this when just plugged into the wall jack



OR the Commander FLEX setup should look like this, if a telephone is also plugged into the wall jack:



NOTE: If this is the first time you have set up the Commander FLEX, it will call out to complete the setup process. See COMMANDER FLEX ACTIVATION on the next page.

Commander FLEX Activation

After the Commander FLEX is plugged in, it will turn on and start the setup process. This step will take a few minutes to complete.

If the Commander FLEX was not able to complete the setup on its own, it will give additional instructions. Follow these instructions to complete the setup process.

Now you can turn to **Section F** for instructions on using the Commander FLEX.



Using Commander FLEX

Using Commander FLEX is Easy!

Each day you will simply take a Health Check. This may include:

- Measuring your vital signs, like weight, blood pressure, oxygen saturation, peak flow, temperature or blood glucose levels.
- Answering a series of questions about your health status.

That's it!

The Commander FLEX automatically sends your Health Check data to your health care team. The transmission process usually takes less than one minute to complete.

More About the Health Check

Your Health Check gathers vital sign data and asks a series of health related questions. This health information is then sent to your health care team. The Health Check may also contain messages to teach you about your health condition.

How to Start Your Health Check

1. Each day you will press the YES or NO button on the Commander FLEX to turn it on. The following messages will be spoken and appear in the display:

“Good Morning”

“Are you ready to start your Health Check?”



2. Press the YES button to begin your Health Check.
3. If you have any other peripheral devices attached to Commander FLEX, you will be instructed to take your measurements. Follow the on screen instructions and refer to the device instructions found in this User Manual.
4. The Commander FLEX may ask you a series of questions about your current symptoms. Answer each question based on how you are feeling.

Other Peripheral Devices

With the Commander FLEX, you may have been sent one or more of the following devices. Refer to the instructions on the pages listed below to set up each device:

SC100 Scale PE (Professional) & SC250 Scale SE (Slim).....	26
SC200 Scale WE (Wireless)	30
Peak Flow Meter	39
GlucoCom [®] Blood Glucose Meter	43
Blood Pressure.....	48
Pulse Oximeter	53
Ear Thermometer	56



WARNING: THE COMMANDER FLEX SYSTEM IS NOT INTENDED FOR USE WITH OTHER DEVICES. DO NOT ATTEMPT TO USE ANY DEVICE THAT WAS NOT SENT TO YOU BY CARDIOCOM.

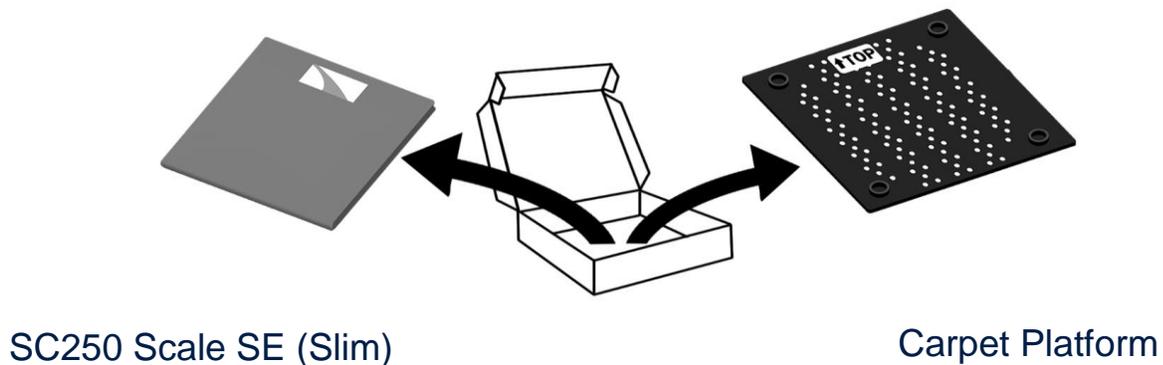
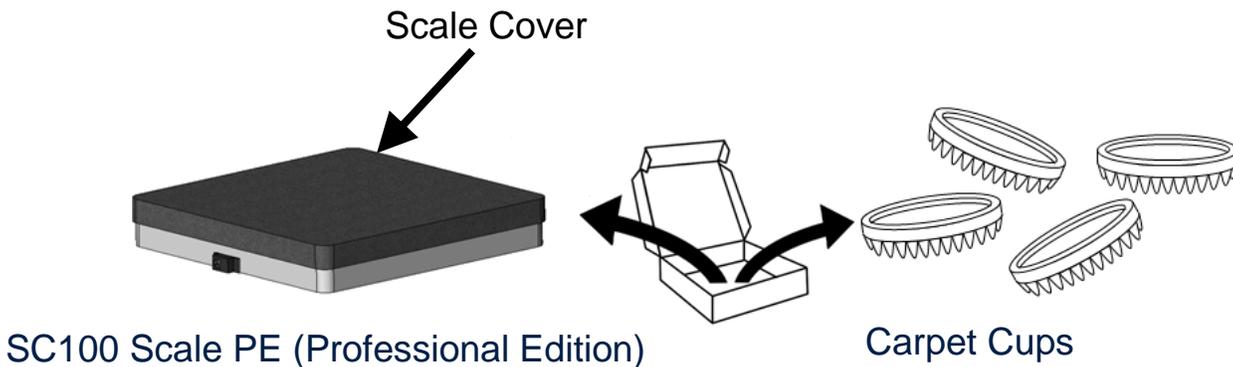
Note: If you were sent a device and the instructions for use are not included in this manual, please refer to the information that came with that device.



SC100 Scale PE (Professional Edition) & SC250 Scale SE (Slim Edition)

Unpacking Scale PE or Scale SE

1. Remove the Scale you received from its box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.
3. Please save the original box and shipping material for when you return the Scale.
4. If you are going to use Scale PE or Scale SE on carpet, unpack the Carpet Cups or Carpet Platform as shown below.
5. Keep the scale cover on at all times when using the device.



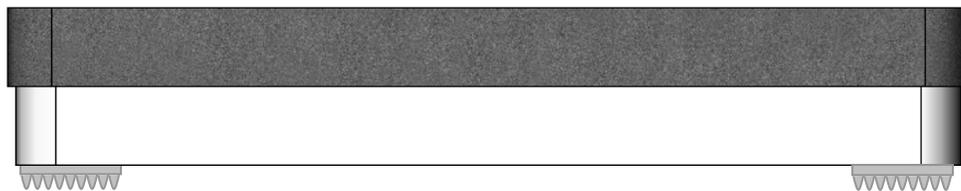
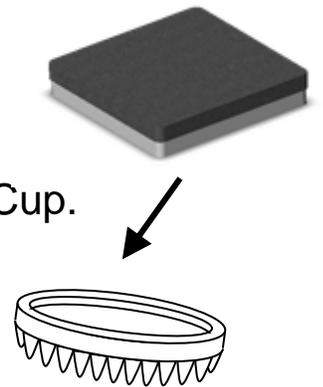
Setting Up Scale PE or Scale SE on a Hard Surface

1. Place the Scale on a hard surface away from high-traffic areas.
2. The Carpet Cups or Carpet Platform should NOT be used when using the Scale on a hard surface.

 **CAUTION: Place the scale on a surface away from traffic areas to prevent a tripping hazard.**

Setting Up Scale PE on Carpet

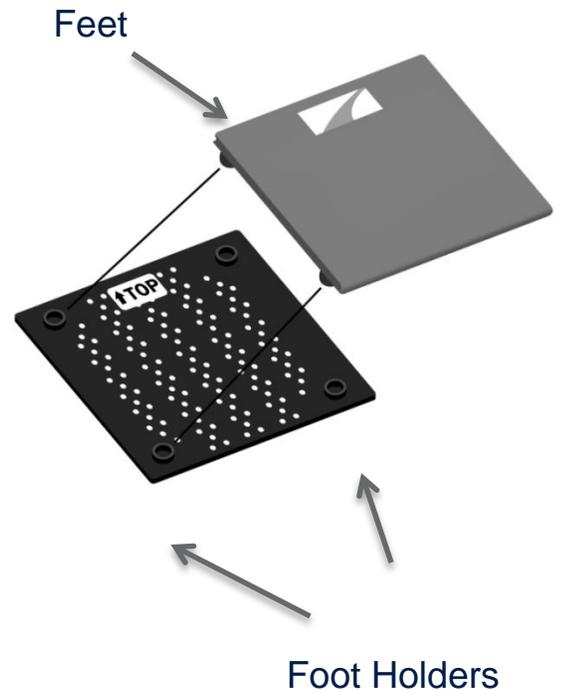
1. Attach the Carpet Cups:
 - a. Remove the adhesive cover off of the Carpet Cup.
 - b. Press the sticky side of the Carpet Cup firmly onto one of the rubber feet on the bottom of the Scale PE.
 - c. Attach the rest of the Carpet Cups.
2. Be sure to carefully check the stability of Scale PE.



 **CAUTION: Carpet Cups should not be used on hard flooring. If moving the scale from carpet to hard flooring, remove the carpet cups from the scale.**

Setting Up Scale SE on Carpet

1. Set the Carpet Platform on the carpeted floor with the "TOP" label side facing up.
2. Next, place Scale SE directly on top of the Carpet Platform according to the directions on the Carpet Platform label.
 - a. The feet of Scale SE should be placed in the Carpet Platform foot holders.
 - b. Make sure the cord is not caught between the scale and platform.

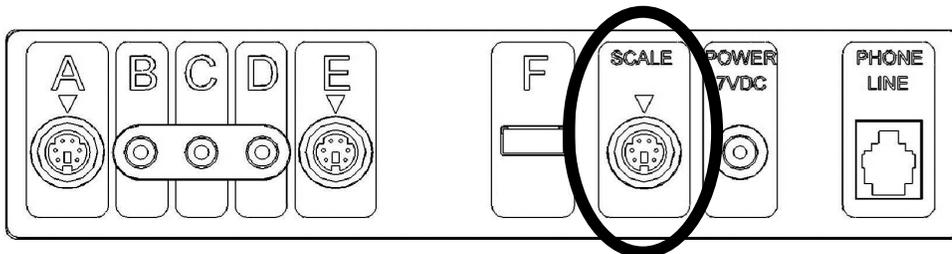


CAUTION: The Carpet Platform should not be used on hard flooring.

Connecting the Scale to Commander FLEX

1. Insert the YELLOW end of the Scale PE or Scale SE cable into the YELLOW port labeled "SCALE" on the back of Commander FLEX.

Note: The SC200 Scale WE does not have a cable. See Section H for instructions to set up the Scale WE



2. Your Scale connection should look like this:



Using the Scale

1. You will weigh yourself during the daily Health Check.
2. Commander FLEX will ask you to “Please step on the scale”. Keep your hands at your sides while weighing. Do not hold on to anything nearby or your weight reading may be inaccurate.
3. If you are not on the scale within twenty seconds after the Commander asks you to step on the scale, please wait for the next instruction from the Commander FLEX.

Put your feet properly on the scale as follows:



CAUTION: Failure to step on the scale correctly may cause you to lose your balance. If you feel unstable on the scale, do not continue use of the scale as this may result in a fall injury.

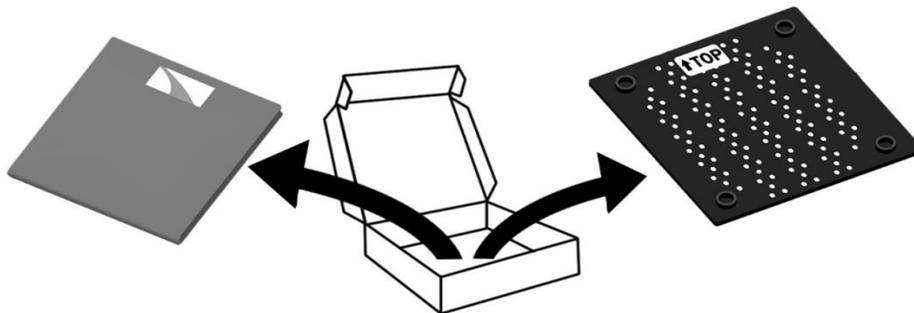
4. Commander FLEX may then display the following messages:
 - a. *Your weight is ____ lbs.*
 - This is your current weight to one-tenth of a pound.
 - b. Your weight as compared to your last recorded weight.
 - An example would be: *Good Job! You have lost 1.5 lbs.*
5. Weigh yourself without clothes or with the same amount of clothes every day. This will help keep your weight measurements consistent.
6. Weigh yourself in the morning after going to the bathroom and before eating or drinking anything.
7. You do not need to remain on the scale to answer the Health Check questions or to measure other vital signs.
8. The Commander FLEX will automatically transmit your weight to your health care team.



SC200 Scale WE (Wireless Edition)

Unpacking Scale WE

1. Remove Scale WE from its box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.
3. Please save the original box and shipping material for when you return the Scale.
4. If you are going to use Scale WE on carpet, unpack the Carpet Platform as shown below.

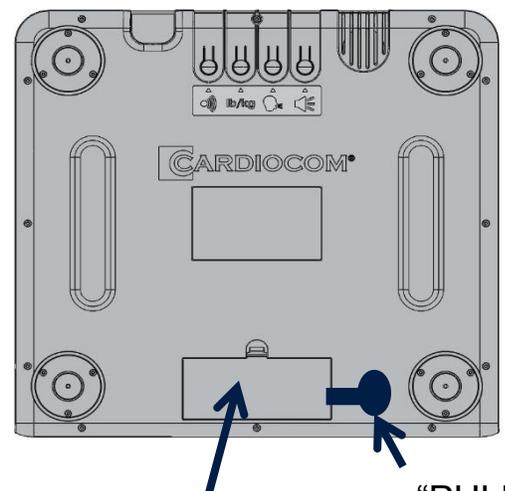


SC200 Scale WE (Wireless Edition)

Carpet Platform

Remove the Battery tab before use

1. Go to the Battery Door on the back of the scale.
2. Locate the plastic tab that says, "PULL"
3. Remove the tab by firmly pulling it out of the Battery Door
4. Throw away the tab



Battery Door

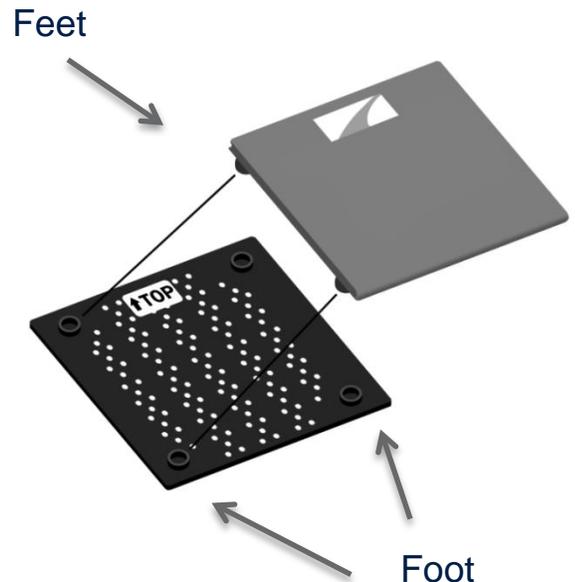
"PULL"
tab

Setting Up Scale WE on a Hard Surface

1. Place Scale WE on a hard surface away from high-traffic areas.
2. The Carpet Platform should NOT be used when using Scale WE on a hard surface.

Setting Up Scale WE on Carpet

1. Set the Carpet Platform on the carpeted floor.
2. Place Scale WE on top of the Carpet Platform according to the directions on the Carpet Platform label.
 - a. The feet of Scale WE should be placed in the Carpet Platform foot holders.



 **CAUTION:** The Carpet Platform should not be used on hard flooring.

Connecting Scale WE to the Commander FLEX

1. Press any button to wake up the Commander Flex. It displays: "Are you ready to start your Health Check?"
2. On the Commander FLEX, select the "Info Button." It is located in the upper right hand corner with a blue "i". Selecting the "Info Button" will display the Main Menu.
3. Select Device Setup from the Main Menu.
4. Select Advanced Setup from the menu.
5. Select Peripherals from the Advanced Setup menu.



6. Select Wireless Scale from the Peripherals menu.
7. Select Connect to Scale from the Wireless Scale menu.
8. Commander Flex will prompt you to connect the Wireless Scale.
9. Turn Scale WE over so the bottom is facing you. You will notice the buttons on the back of Scale WE. Please find and press the button with the wireless symbol. 
 - If the scale sound is on, you will hear the wireless scale say “Scale Connected”.
10. Once connected, the Commander FLEX will display a message stating “Scale Connected.”
11. Select Exit until “Are you ready to start your Health Check?” appears on the screen.
12. Place the Scale WE on a hard surface or carpet (using the carpet platform) with the LCD display side up.

Taking a Weight Using Scale WE

1. Once you have set up your Scale WE, you can take a weight at any time.
2. Your weight will display on the scale.
3. Your weight will be automatically transmitted to the connected Commander FLEX.
 - a. If a weight is taken before a health check, the Commander FLEX will skip the “Take you Weight” section of the health check unless it is outside of the expected range.
 - b. If the weight taken prior to the health check is outside of the expected range, you will need to confirm the reading during the health check for each weight reading taken.

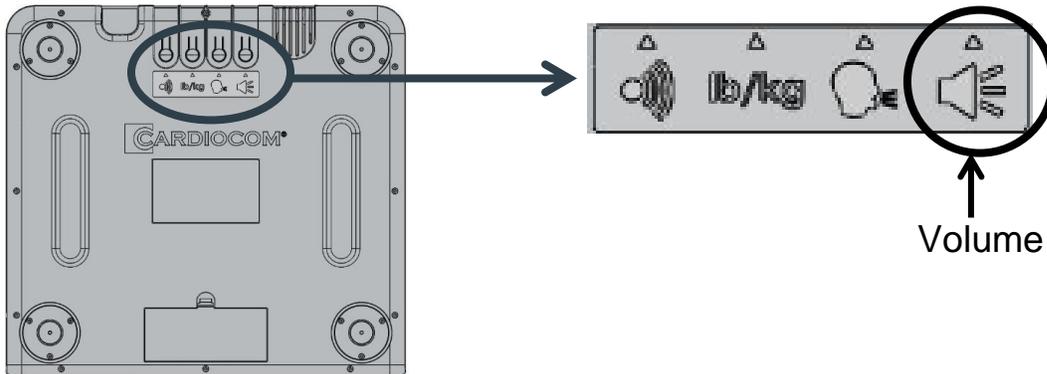
- c. If you have not taken a weight and start your health check, the Commander FLEX will ask you if you would like to take a weight.

When using the scale, be sure your feet are properly on the scale as follows:



CAUTION: Failure to step on the scale correctly may cause you to lose your balance. If you feel unstable on the scale, do not continue use of the scale as this may result in a fall injury.

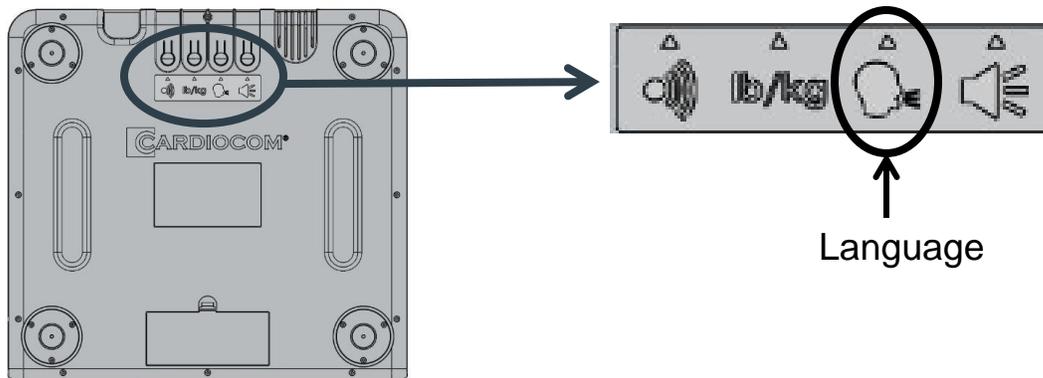
Changing the Volume on Scale WE



1. Turn Scale WE upside down.
2. Select the button with the volume symbol. 
3. Press the button until you hear the volume you would like Scale WE set to.
 - a. The volume settings are:
 - High
 - Low
 - Off

Changing the Language on Scale WE

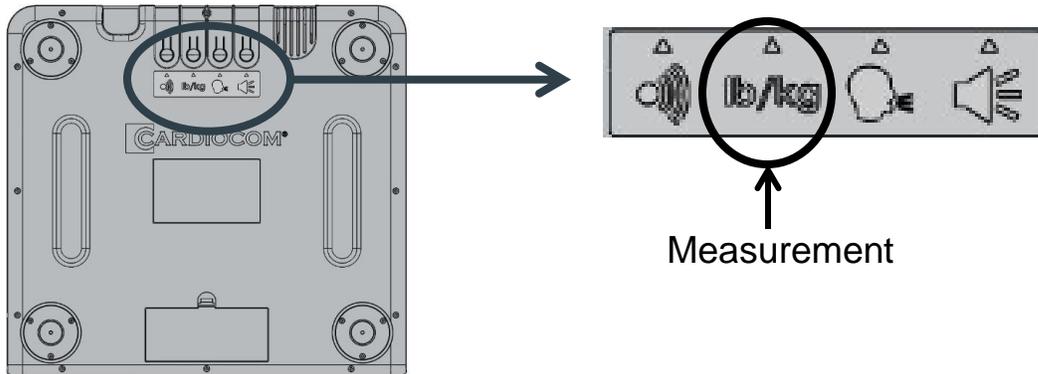
Note: This option is controlled by Commander FLEX if the scale is connected. If the scale is not connected, then follow the steps below.



1. Turn Scale WE upside down.
2. Select the button with the language symbol. 
3. Press the button until you hear the language you would like Scale WE set to.
4. The available language settings are:
 - a. English
 - b. Spanish
 - c. French (on the scale only)

Changing Weight Measurement on Scale WE

Note: This option is controlled by Commander FLEX if the scale is connected. If the scale is not connected, then follow the steps below.



1. Tip Scale WE upside down.
2. Select the button with the weight measurement symbol. 
3. Press the button until you hear the weight measurement you would like Scale WE set to.
4. The available weight measurement settings are:
 - a. Pounds
 - b. Kilograms

Viewing Scale Diagnostics

1. On the Commander FLEX, select the Info Button. You may need to select the Info button again to advance from the “Are you ready to start your Health Check?” screen to the Main Menu.
2. Select Device Setup from the menu
3. Select Advanced Setup from the menu.
4. Select Peripherals from the Advanced Setup menu.

5. Select the Wireless Scale from the Peripherals menu.
6. Select the Scale Diagnostics from the Wireless Scale menu.
7. If Commander FLEX is connected, the Commander FLEX will display the words “Scale Connected”.

Disconnecting Scale WE from the Commander FLEX

1. Press any button to wake up the Commander Flex. It displays: “Are you ready to start your Health Check?”
2. On the Commander FLEX, select the Info Button. It is located in the upper right hand corner with a blue “I”. Selecting the Info Button will display the Main Menu.
3. Select Device Setup from the Main Menu.
4. Select Advanced Setup from the menu.
5. Select Peripherals from the Advanced Setup menu.
6. Select the Wireless Scale from the Peripherals menu.
7. Select the Disconnect from Scale from the Wireless Scale menu.
8. The Commander FLEX will disconnect the Wireless Scale.

Changing the Batteries in Scale WE



1. Scale WE will indicate when the batteries need to be replaced by displaying a message

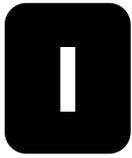
- a. Commander FLEX will display a message to replace the batteries.
 - b. Scale WE will display a low battery indicator. Note that when the batteries are completely depleted, the low battery indicator will not be displayed.
2. Turn Scale WE upside down.
 3. Open the battery door by pushing down on the battery case tab and pulling out.
 4. Take out all the batteries. All batteries are to be replaced at the same time.
 5. Replace with six (6) (AA) alkaline batteries.

FCC WARNING STATEMENTS

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



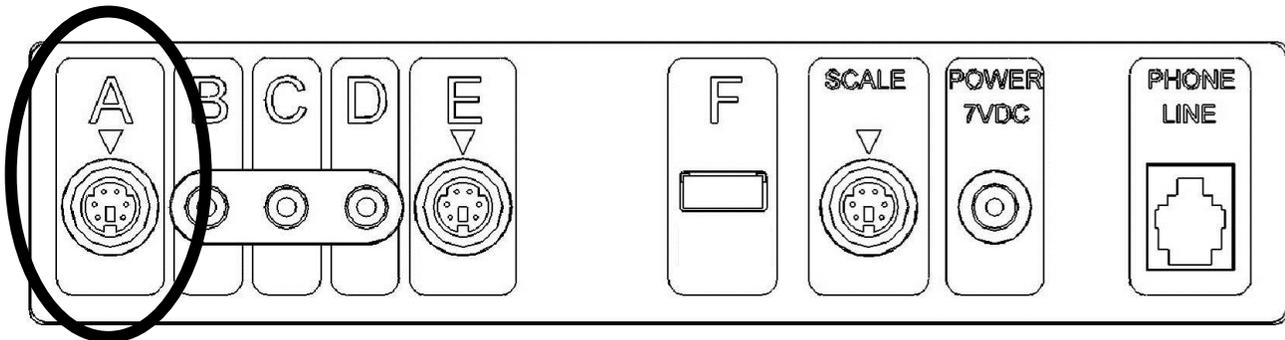
Peak Flow Meter

Unpacking the Peak Flow Meter

1. Remove the Peak Flow Meter from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.
3. Remove the Peak Flow Cradle with the ORANGE connector from the box.

Connecting the Peak Flow Meter

1. Insert the ORANGE end of the Peak Flow Cradle cable into the ORANGE port labeled “A” on the back of the Commander FLEX.

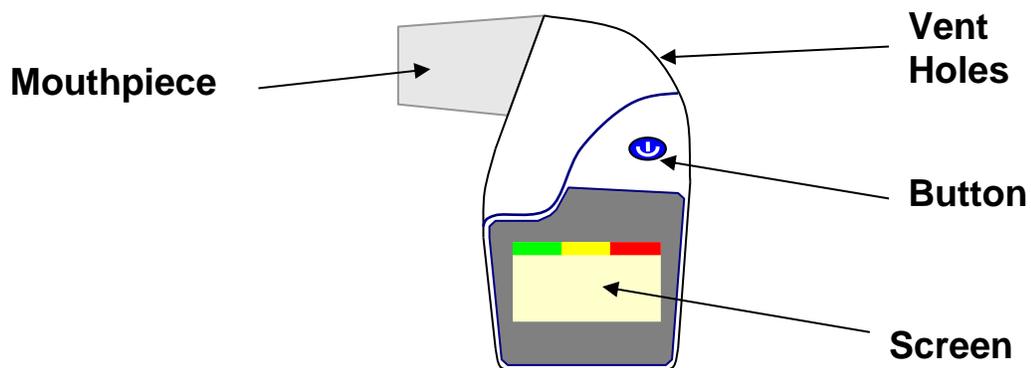


2. Your Peak Flow connection should look like this:



Using the Peak Flow Meter

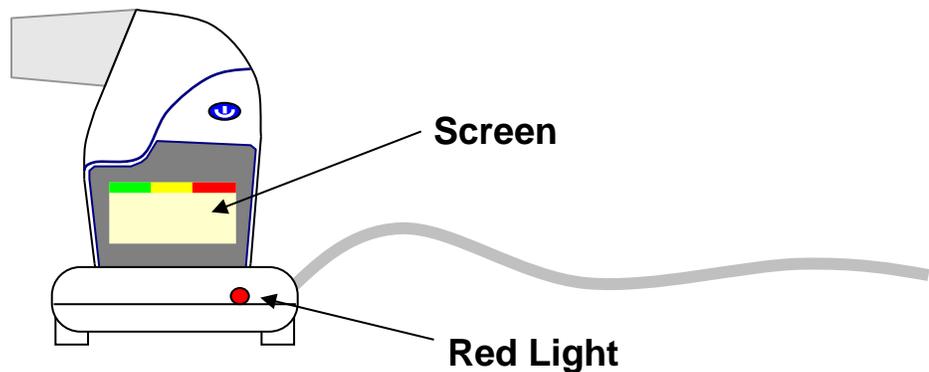
1. Remove the Peak Flow Meter from its plastic case.
2. Stand up to take your Peak Flow measurement.
3. Hold the Peak Flow Meter in your hand. **Make sure to not cover the vent holes on the back of the Meter.**
4. Bring the Peak Flow Meter mouthpiece towards your mouth.
5. Press the button on the front of the Peak Flow Meter **TWO** times.



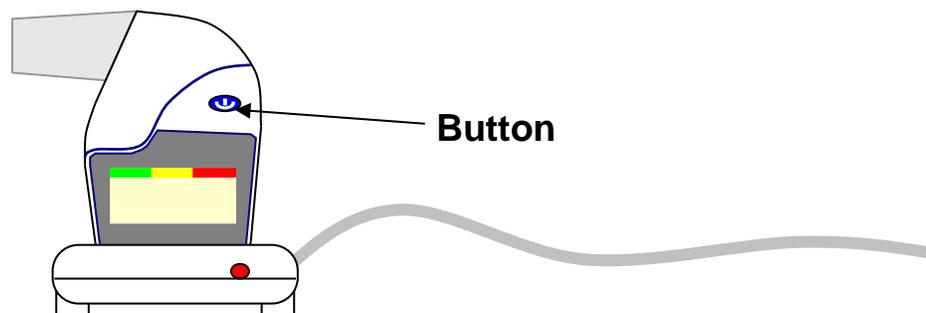
6. Take a deep breath, inhaling as fully as you can.
7. Place the mouthpiece in your mouth and **blow out into the Meter as hard and fast as you can.** Make sure your lips form a tight seal around the mouthpiece.
8. The meter should beep one time and display your Peak Flow results on the Meter screen.

Sending Peak Flow Data

1. During the Health Check, the Commander FLEX will prompt you to “Press YES when ready to send your Peak Flow data”.
2. Press **YES** on the Commander FLEX. The Commander FLEX will provide the following instructions:
 - a. Place the Peak Flow Meter in the cradle.
 - b. The Meter display screen should face the red light on the cradle.



- c. Press the button on the Peak Flow Meter TWO times while the Meter is in the cradle.



3. The Commander FLEX will indicate that it is “Reading Meter — Please Wait”.
4. If the Commander FLEX connects with your Peak Flow Meter but finds that there are no new readings to send,

it will give you the option to take a new Peak Flow reading.

5. The Commander FLEX will confirm that “Your Peak Flow data was received”.
6. If the Commander FLEX was not able to get readings from your Peak Flow meter, it will give additional instructions. Follow these instructions and try to send your Peak Flow data again.

Note: For more information, consult the Peak Flow Manual included with the Peak Flow Meter.

Changing Peak Flow Meter Batteries

1. Insert a coin in the slot and turn to the left.
2. Remove the battery cover and batteries.
3. Replace the batteries (the writing on the battery should be facing up).
4. Replace the battery cover by lining up the coin slot with the arrow on the body of the Peak Flow Meter.
5. Insert a coin in the slot and turn to the right. Do not turn past the Lock (-) indicator.

STEP 1



STEP 2



STEP 3



STEP 4



STEP 5

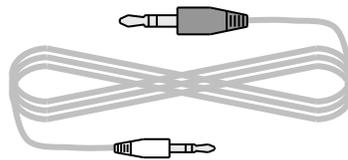




GlucoCom[®] Blood Glucose Meter

Unpacking the GlucoCom[®] Blood Glucose Meter

1. Remove the GlucoCom[®] Meter from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.
3. Remove the cable with the RED and WHITE connectors from the box.

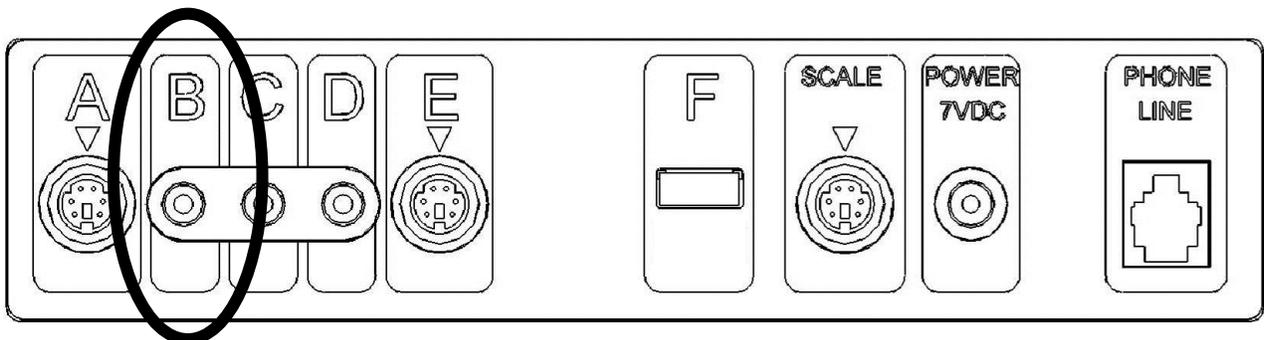


Using the GlucoCom[®] Blood Glucose Meter

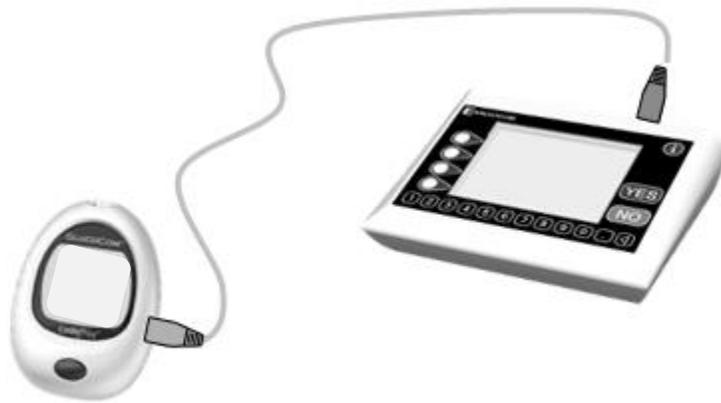
Please refer to the GlucoCom[®] Owner's Manual for instructions on measuring your blood glucose (sugar).

Connecting the GlucoCom[®] Blood Glucose Meter

1. Insert the RED end of the cable into the RED port labeled "B" on the back of Commander FLEX.

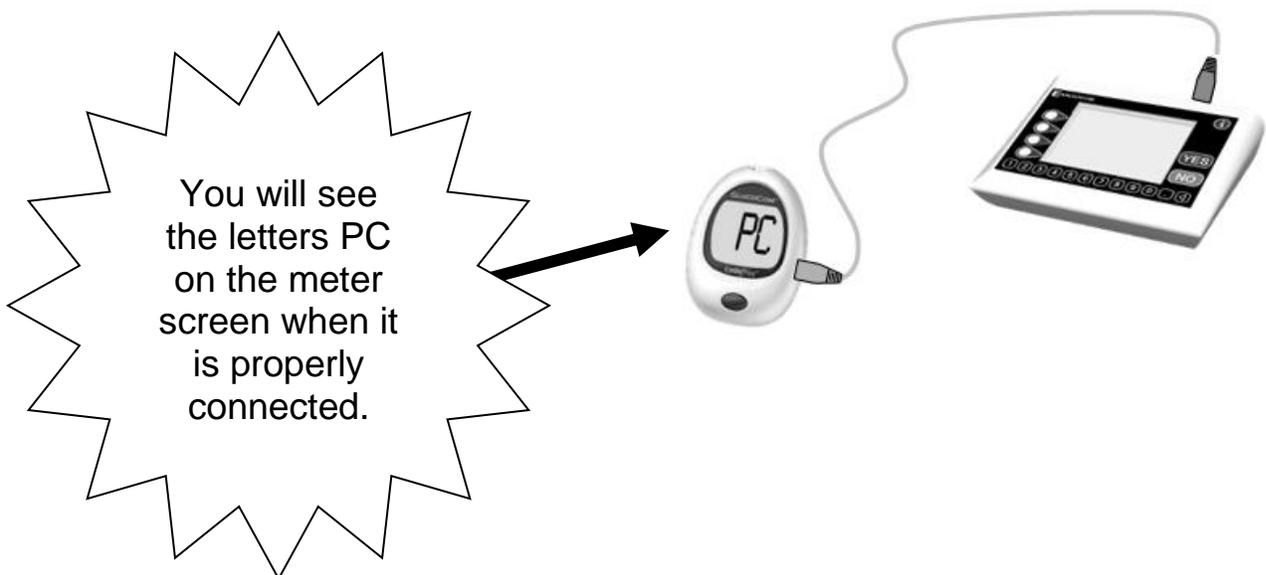


2. When you are ready to send your blood glucose readings, insert the WHITE end of the cable into the port on the side of the GlucoCom[®] Meter.
3. The connection between your GlucoCom[®] Meter and Commander FLEX should look like this:



Sending Blood Glucose Data

1. During the Health Check, the Commander FLEX will prompt you to connect the cable to the Glucose Meter.
2. The Commander FLEX will then prompt you to “Press YES when the Meter is connected”.



Sending Blood Glucose Data...continued

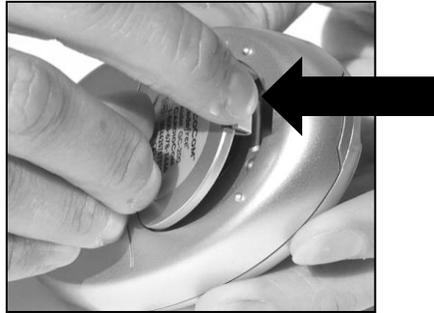
3. Press YES on the Commander FLEX and follow the prompts.
4. The Commander FLEX will indicate it is “Reading Meter — Please Wait”.
5. If the Commander FLEX connects with your GlucoCom[®] Meter, but finds no glucose readings for the current day OR no new readings since the last data were sent, it will give you the option to test your glucose.

If you want to test your glucose:

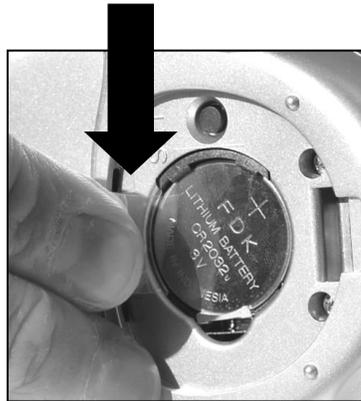
- a. Unplug the WHITE end of the cable from the Meter.*
 - b. Use the Meter to test your glucose (refer to GlucoCom[®] Owner’s Manual).*
 - c. Remove the test strip from the Meter.*
 - d. Insert the WHITE end of the cable back into the data port on the side of the GlucoCom[®] Meter.*
6. The Commander FLEX will confirm that “Your Glucose data was received”.
 7. If the Commander FLEX was not able to get readings from your GlucoCom Meter, it will give more instructions. Follow these instructions and try to send your glucose data again.
 8. You will be prompted to “Please disconnect the GlucoCom[®] meter from the cable” after the data was received by the Commander FLEX.

Changing GlucoCom[®] Meter Batteries

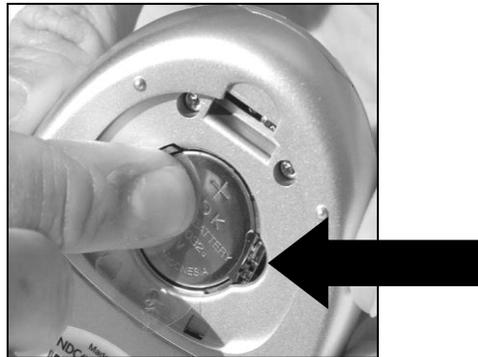
1. Open the battery compartment on back of meter by pulling on the tab at the top of the outline.



2. Grasp the clear plastic tab and pull back hard.

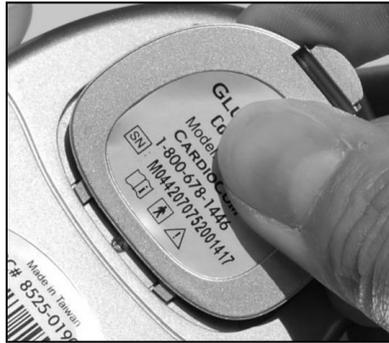


3. Place new battery UNDER gold edge on the side and then push battery into place.



Changing GlucoCom[®] Meter Batteries ...continued

4. Replace battery compartment cover, bottom edge first. Snap the cover into place. Turn Meter over and test the power by pressing the button to turn on the Meter.





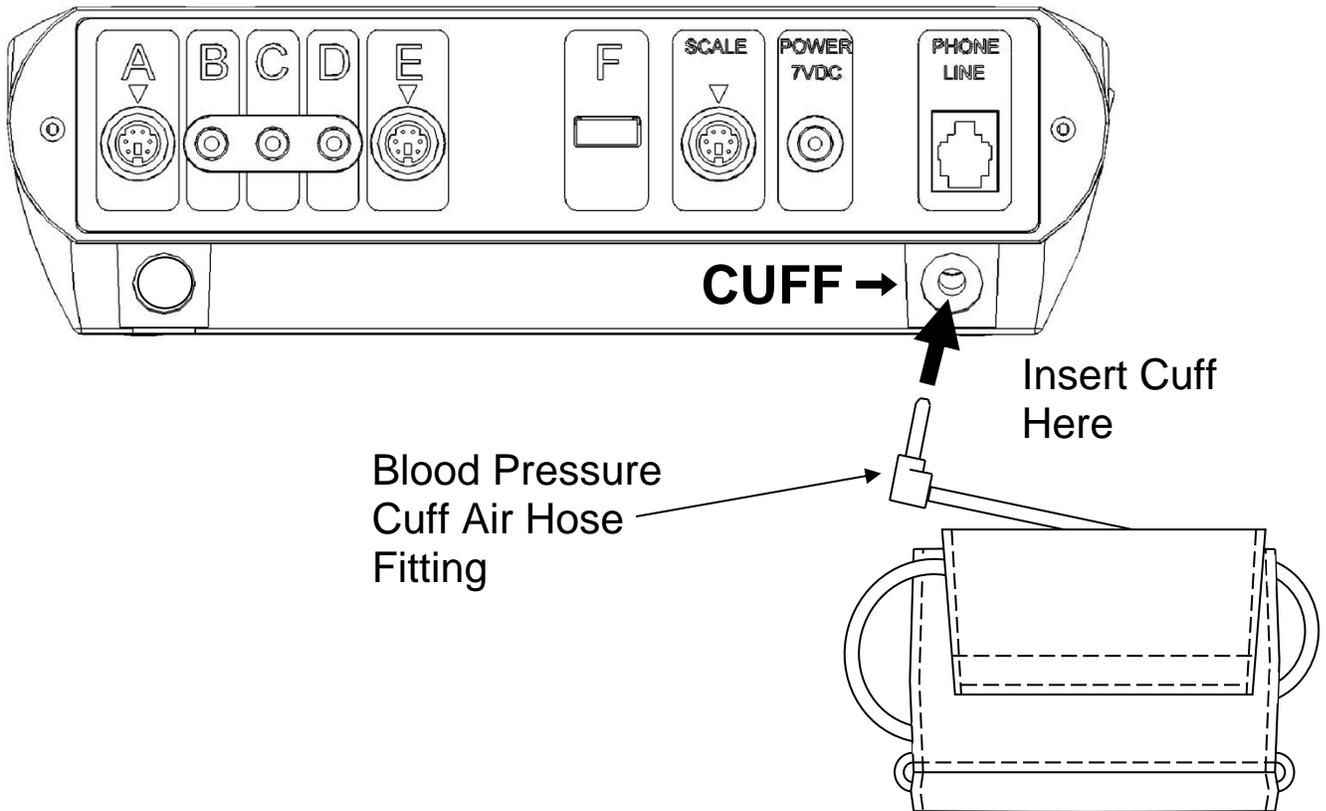
Blood Pressure

Unpacking the Blood Pressure Cuff

1. Remove the Blood Pressure Cuff from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.

Connecting the Blood Pressure Cuff

1. Firmly insert the Blood Pressure Cuff Air Hose fitting into the port labeled “CUFF” on the back of Commander FLEX.



Connecting the Blood Pressure Cuff ...continued

2. Your Blood Pressure Monitor connection should look like this:

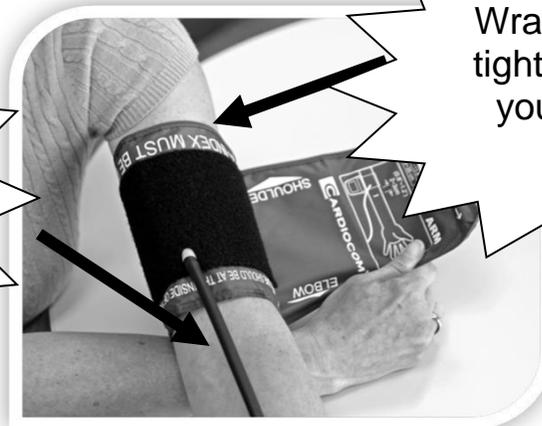


Measuring Blood Pressure

1. During the Health Check, Commander FLEX will prompt you to sit down to measure your Blood Pressure and provide the following instructions:

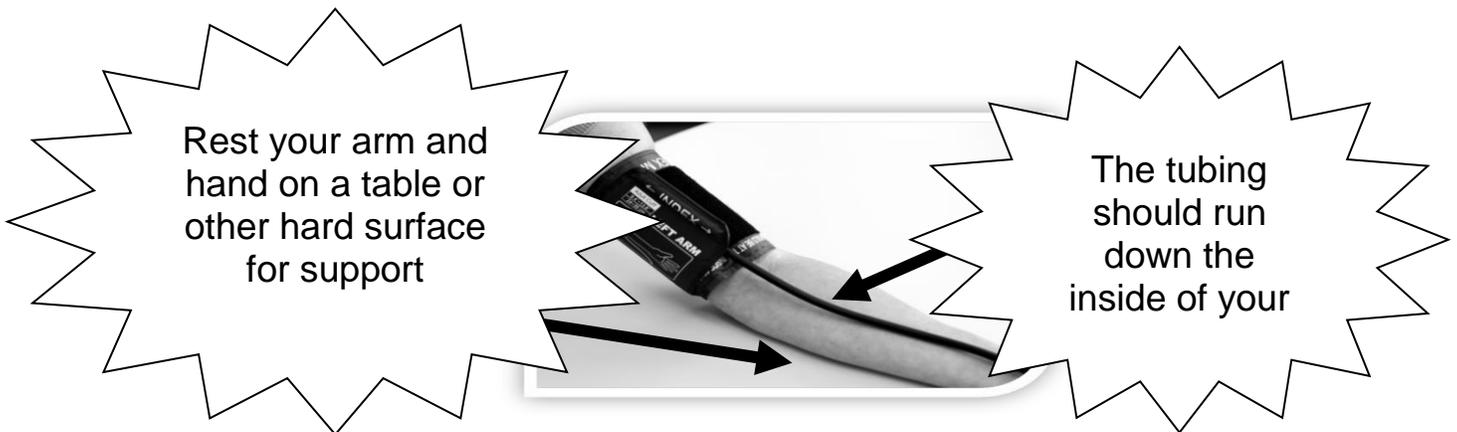
- a. “Place the Cuff on your upper arm over bare skin”
- b. “The Cuff should be an inch above the bend of your arm”
- c. “The tubing should run down the middle of the inside of your arm”
- d. “Wrap the cuff tightly around your arm”

Make sure the cuff is an inch above the bending point of your arm



Wrap the cuff tightly around your upper arm

e. “Rest your arm and hand on a table or hard surface”



2. Commander FLEX will prompt you to “Press YES to check Blood Pressure”. Press the YES button on the Commander when you have the Cuff properly attached to your arm and are ready to check your Blood Pressure.
3. Commander FLEX will instruct you to “Please remain still and do not talk” and indicate it is “Checking Blood Pressure”. Wait the Commander measures your Blood Pressure. The cuff may get very tight during the measurement. Do not be alarmed; this is normal.

NOTE: If you need to STOP the Blood Pressure measurement, press ANY button on Commander FLEX.

4. When the Commander FLEX has completed your Blood Pressure measurement, it will indicate it is “Determining Blood Pressure.” You may now remove the Blood Pressure cuff from your arm.
5. The Commander FLEX will speak and display your Blood Pressure and Heart Rate and automatically transmit your data to your health care team.

6. If the Commander FLEX was not able to measure your Blood Pressure, it will provide additional instructions. Follow these instructions to recheck your Blood Pressure.

NOTE: If you need to take multiple Blood Pressure readings, let your arm rest for at least 5 minutes between readings.

For Accurate Blood Pressure Readings

1. Take your Blood Pressure while you are relaxed. If necessary, relax for a few minutes before starting the Health Check.
2. You should be in a seated position, with your legs uncrossed and your feet flat on the floor.
3. Remain still and do not talk during the measurement process. Excessive movement can make it difficult for Commander FLEX to take your Blood Pressure.
4. Eating, drinking or smoking can change your Blood Pressure. Try to avoid these activities for 30 minutes before measuring your Blood Pressure.
5. Make sure to rest your arm between readings.
6. Blood Pressure varies in all people depending on activity, stress level, food and drink intake and time of day.
7. The Blood Pressure Cuff size can affect your readings. If your arm is bigger or smaller than the range printed on the Cuff, ask your care provider for a new Cuff.
8. Do not allow other people to use Commander FLEX to measure their Blood Pressure.

About the Blood Pressure Measurement Device

Blood Pressure measurements determined with this device are equivalent to those obtained by a trained observer using the stethoscope auscultatory method, within the limits prescribed by the American National Standard, *manual, electronic, or automated sphygmomanometers*.

The Blood Pressure Cuff will get tight around your arm in order to measure your blood pressure. The device is designed to automatically deflate.



CAUTION: If the pressure is too painful or the cuff is too tight, press any button on the device, remove the cuff from your arm, or pull the cuff hose out of the Commander FLEX.

Some people are more sensitive to pressure and may experience physical effects, including bruising of the area where pressure is applied. Consult your health care team if you bruise easily and have concerns regarding routine monitoring of blood pressure.



WARNING: The blood pressure device is intended for use by adults only. Children should not use this device.



CAUTION: The effectiveness of this sphygmomanometer has not been established in pregnant (including pre-eclamptic) patients.



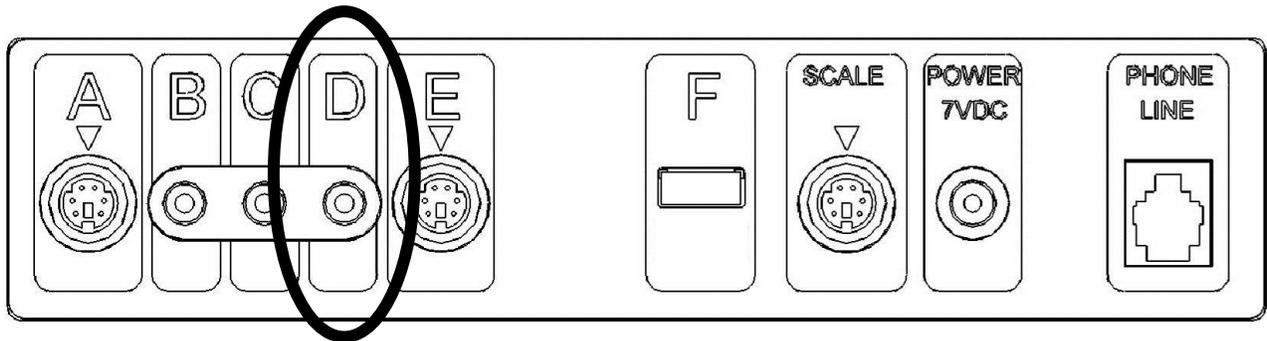
Pulse Oximeter

Unpacking the Pulse Oximeter

1. Remove the Pulse Oximeter from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.

Connecting the Pulse Oximeter

1. Insert the GREEN end of the cable into the GREEN port labeled “D” on the back of Commander FLEX.

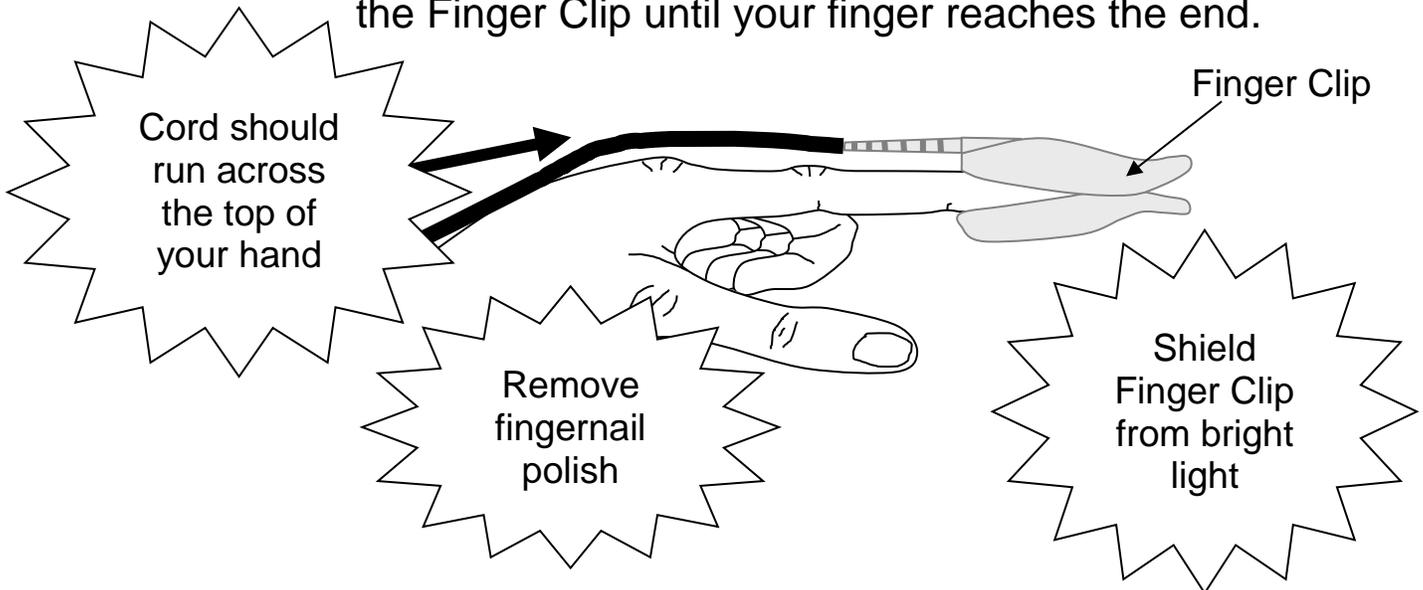


2. Your Pulse Oximeter connection should look like this:



Using the Pulse Oximeter

1. During the Health Check, Commander FLEX will prompt you to sit down to measure your oxygen saturation. It will give these instructions:
 - a. Place Finger Clip on any finger except thumb. Insert your finger (index, middle or ring finger) into the Finger Clip until your finger reaches the end.



- b. Please remain still during reading. It is helpful to rest your arm and hand on a hard surface while obtaining a reading.
2. The Commander FLEX will prompt you to “Press YES to check your oxygen saturation”. Press the YES button on the Commander FLEX when your finger is inside the Finger Clip.
 3. The Commander FLEX will indicate it is “Checking your Oxygen Saturation”. Wait while your oxygen saturation is measured.
 4. The Commander FLEX will speak and display your heart rate and oxygen saturation. Your data will

automatically be sent to your health care team. You may now remove the Finger Clip.

If the Commander FLEX was not able to measure your oxygen saturation, it will give more instructions. Follow these instructions to recheck your oxygen saturation.



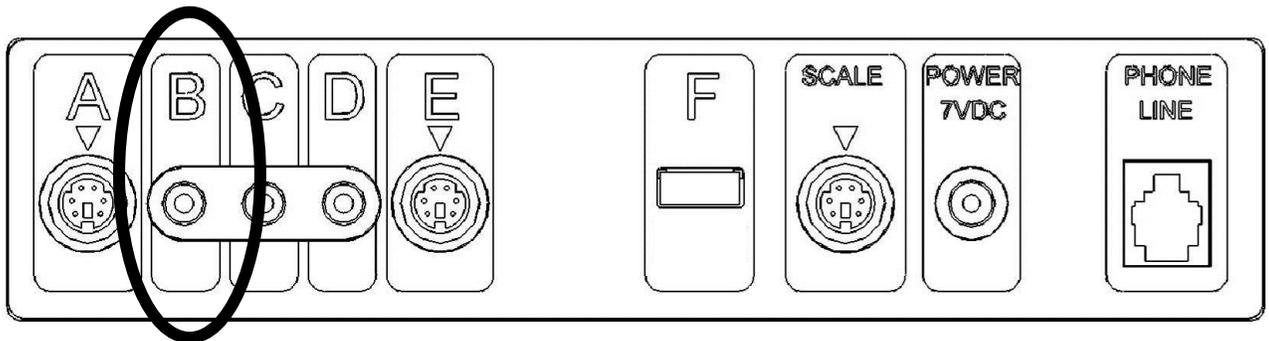
Ear Thermometer

Unpacking the FORA IR20c Ear Thermometer

1. Remove the Ear Thermometer from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.

Connecting the Ear Thermometer

3. Insert the RED end of the cable into the RED port labeled "B" on the back of Commander FLEX.



4. Your Ear Thermometer connection should look like this:



Using the Ear Thermometer

1. Check your temperature with your FORA IR20c Ear Thermometer.
 - Be sure the batteries (size AAA) are placed into the Ear Thermometer.
 - Place the lens filter (ear probe cover) onto the end of the Ear Thermometer.
 - Turn on the Ear Thermometer.
 - Gently put the tip of the Ear Thermometer into the ear canal. Then, press and release the “Scan” button on top. Keep the Ear Thermometer in the ear until it beeps.
2. Remove and discard the lens filter (ear probe cover) and turn OFF your FORA IR20c Ear Thermometer.
3. Press any button to turn on the Commander FLEX and press YES to take a Health Check.
4. During the Health Check, the Commander FLEX will say “It is time to send your Temperature reading.”
5. Follow the Commander FLEX on-screen instructions for connecting the Ear Thermometer. Insert the WHITE end of the cable firmly into the data port at the bottom of the FORA IR20c Ear Thermometer until you feel it click.
6. The Commander FLEX will automatically transmit up to the last 10 readings from your FORA IR20c Ear Thermometer to your health care professional.
7. Disconnect the FORA IR20c Ear Thermometer from the Commander FLEX when prompted.

Note: For more information, consult the FORA IR20c Manual included with the Ear Thermometer.



Frequently Asked Questions

Q. How do I turn Commander FLEX “ON”?

A. To turn Commander FLEX “ON,” press either the **YES** or **NO** button.

Q. How do I turn Commander FLEX “OFF”?

A. Commander FLEX will automatically turn itself “OFF” after 3 to 5 minutes of no activity.

Q. Can I adjust the volume?

A. Yes, you can change the volume in the **Main Menu**. Press the “i” button when the device asks “Ready for Health Check?” This will open the Main Menu. Proceed through the menu as shown below:

Select **Device Setup** then

Select **User Setup** then

Select **Audio Volume**

Now you can select between **High**,
Medium, **Low** and **Off**

Select **Exit** many times to exit the menu

Q. How do I know if my Health Check was transmitted to my health care team?

A. After you have answered all the questions and have taken all your vital sign measurements, Commander FLEX will say:

a. **“Your data is being transmitted.”**

b. When it completes the transmission to your health care team it will say: **“Your data was received.”**

Frequently Asked Questions...continued

Q. Can I change my Health Check Answers?

A. Yes. At the end of your Health Check, Commander FLEX will ask you “**Do you need to change your answers?**”

- a. Press **YES** if you want to repeat the entire Health Check to change any of your answers.

Q. What happens to my Health Check data?

A. Your data is automatically transmitted to your health care team. They will use this data to help monitor and treat your condition.

Q. Can I travel with Commander FLEX?

A. You are not expected to travel with your Commander FLEX, but you can do so if you choose.

- a. Pack the Commander FLEX and any other peripheral devices and cables in the original shipping box.
- b. Connect everything when you arrive at your destination.

Q. What if I want to use a normal telephone line instead of the cellular connection?

A. Set up Commander FLEX according to the instructions in **Section E**.

Frequently Asked Questions...continued

Q. What if I need to dial a number, such as 9, to access an outside line?

A. You can change the Phone Line settings in the **Main Menu**. See **Section M**. Press the “i” button during the “Ready for Health Check?” question to enter the Main Menu then select:

Device Setup then select

Connection Setup then select

Phone Line Setup then select

Phone Number Setup

Your provider number will be displayed on the screen. If you need to change it, press **NO** when asked, “**Is this correct?**”

Press **YES** when asked, “**Do you need to dial a number to get an outside line?**”

Select the number that you need to dial for an outside line.

Select **EXIT** many times to exit the menus



Main Menu

The Main Menu can be used to view past vital sign readings and change device settings.

Press the “i” button during the “Are you ready to start your Health Check?” question to enter the Main Menu. Use the buttons on the left to go through the menus.



OPTIONS MENU

1. Review Readings

View past vital sign readings. Readings can be viewed in a graph or in a list.

2. Device Setup

This section is used to view and change the device settings.

DEVICE SETUP MENU

1. User Setup

This section allows you to change the volume, language, and home screen.

2. Connection Setup

This section allows you to change how the Commander FLEX sends your data. You do not need to go into this menu if your device is working correctly.

3. Advanced Setup

This section should only be used when instructed by your health care provider or technical support.

CONNECTION SETUP MENU

1. Connection Method

You can change between the Phone Line and Cellular connection types in this menu.

2. Cellular Signal Strength

You can view the strength of the cellular signal. This can help you find the best place to set up the device. The more solid bars you see, the better the signal.

3. Phone Line Setup

This menu is used to add a number to get an outside line or change the dialing type.

PHONE LINE SETUP MENU

1. Phone Number setup

You can edit the number the device calls to send data. You can add a number for an outside line, like a 9, or add or remove the area code and 1 for long distance.

2. Tone/Pulse Dial

You can change the dialing type between Pulse and Tone dialing. Most new phone lines use Tone Dialing.

ADVANCED SETUP MENU

1. Reactivation

Resets the device and deletes all data.

2. Diagnostics

Used by technical support.

3. Peripherals

Allows for changing settings to Blood Pressure or the Wireless Scale.

PERIPHERALS MENU

1. **Blood Pressure**

Used to turn the blood pressure ON or OFF and to set the first pressure level.

2. **Wireless Scale**

Used to connect or disconnect the SC200 Scale Wireless Edition (WE).



Additional Information

Regulatory statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If the Commander causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will

provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this Commander does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

There are no user serviceable parts in this Commander System. If trouble is experienced with this Commander unit, for repair or warranty information, please call the number listed on the back cover of this Manual. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

- Never install telephone wiring during a lightning storm
- Never install a telephone jack in wet locations unless the jack is specifically designed for wet locations
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface
- Use Caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning
- Do not use a telephone in the vicinity of a gas leak
- To reduce the risk of fire, use only 26 AWG or larger telecommunications line cord

Accessory equipment connected to the external interfaces must be in compliance with the respective nationally harmonized IEC standards or UL standards (i.e. IEC 60950-1 or UL 60950-1 for data processing equipment, IEC 60065 or UL 60065 for video equipment, IEC 61010-1 or UL 61010-1 for laboratory equipment, and IEC 60601-1 or UL 60601-1 for medical equipment). Furthermore, all configurations shall comply with the system standard IEC 60601-1-1. Any person that connects additional equipment to the signal input or signal output part configures a medical system, and is therefore, responsible that the system complies with the requirements of the system standard IEC 60601-1-1. If in doubt, consult the technical services department or your local representative.

EMC Information about the Commander FLEX

The Commander FLEX is compliant with IEC 60601-1-2:2007 for Safety & EMC Requirements for Medical Devices.

Electromagnetic Compatibility

Medical electrical equipment needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the information provided in this user manual.

Portable and mobile radio frequency (RF) communications equipment can affect medical electrical equipment. The following table provides recommended separation distances between portable and mobile RF communications equipment and the Commander FLEX.

Recommended separation distances between portable and mobile RF communications equipment and the Commander FLEX	
The Commander FLEX is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Commander FLEX can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Commander FLEX as recommended below, according to the maximum output power of the communications equipment.	
Rated maximum output power of transmitter	Separation distance according to frequency of transmitter (m)
	800 MHz to 2.5 GHz $d = 2,3\sqrt{P}$
0.01	0,23
0.1	0,73
1	2,3
10	7,3
100	23
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.	



Care and Cleaning Information

If the Commander FLEX gets dirty, unplug all of the cables from the back and use a damp cloth to wipe it down. **The COMMANDER FLEX CANNOT BE SUBMERSED IN WATER.** A damp cloth can also be used to clean the blood pressure cuff, scale and pulse oximeter. For cleaning other peripheral devices, please refer to the Manuals sent with those peripheral devices.

The Commander FLEX can be cleaned with a CaviCide® disinfectant wipe. Use the CaviCide® wipes to wipe down all exterior surfaces. Please follow the instructions included with the wipes.

With the exception of cleaning, the Commander FLEX is designed to be serviced and maintained only by qualified personnel. If your Commander FLEX device should need servicing, please contact Customer Care using the phone numbers on this manual's cover page.



BE SURE TO DISCONNECT ALL CABLES FROM THE BACK OF THE DEVICE PRIOR TO CLEANING.



WARNING: CARDIOCOM IS NOT LIABLE FOR ANY HAZARDS INTRODUCED AS A RESULT OF UNAUTHORIZED MODIFICATION OF THE EQUIPMENT.



WARNING: THE COMMANDER FLEX SYSTEM IS NOT INTENDED FOR EMERGENCIES. IF YOU HAVE ANY URGENT SYMPTOMS, CALL YOUR LOCAL EMERGENCY NUMBER OR YOUR HEALTH CARE PROVIDER.

Specifications

Name: Commander FLEX CD320
Model: CD320
Class: Class II, Continuous Operation, Type BF applied Parts (Weight Scale, Pulse Oximeter, Blood Pressure Cuff)

Expected Service Life: 10 Years

Storage Temperature: -4 to 131 degrees Fahrenheit (-20 to 5 degrees Celsius)

Operating Temperature: 50 to 104 degrees Fahrenheit (10 to 40 degrees Celsius)

Server Connectivity: Cellular GPRS (2G), CDMA (3G) or LTE (4G) Standard telephone line (POTS)

Professional Scale

SC100 Weight Scale Range: 0 to 500 lbs. (0 to 226.8 kilograms)
SC100 Consistency: +/- 0.1lbs (+/- 0.05 kilograms)
SC100 Display: 0.1lbs (0.1 kilograms)

Wireless Scale

SC200 Weight Scale Range: 50 to 400 lbs. (22.7 to 181.4 kilograms)
SC200 Accuracy: +/-0.3% of load + 0.5lbs
SC200 Consistency: +/-0.05% of load + 0.2lbs
SC200 Display: 0.1lbs (0.1 kilograms)
SC200 Battery Life: 500-1000 weight measurement cycles

Slim Scale

SC250 Weight Scale Range: 0 to 400 lbs (0 to 181.4 kilograms)
SC250 Consistency: +/- 0.5% of load + 0.1 lbs
SC250 Display: 0.1lbs (0.1 kilograms)

Specifications Continued

Blood Pressure Compliant:	ANSI/AAMI SP10:2002 & ISO 81060-2:2009
Pressure Display:	1mmHg
Pressure Accuracy:	+/-3mmHg or 2% of reading The Commander FLEX blood pressure measurement device is an automated sphygmomanometer that only operates in the self-measurement automatic mode, where the patient is the operator or the operator is intended to be in continual attendance, and where the pressure can be released from the cuff by the operator.
Heart Rate Display:	1bpm
Pulse Oximeter Calibration:	Calibrated to display Functional Oxygen Saturation
Pulse Oximeter Range / Accuracy:	70% to 100% SPO2 \pm 3digits (A_{rms})
Pulse Oximeter Peak Wavelengths:	IR Peak Wavelength: 890-915 nm Red Peak Wavelength: 660-664 nm Maximum Optical Output Power: 4mW

Information about wavelength ranges can be especially useful to clinicians

Reminder: Because pulse oximeter requirement measurements are statistically distributed, only about 2/3rd of pulse oximeter equipment measurements can be expected to fall within ± 3 (A_{rms}) of the value measured by a co-oximeter.

Other Peripheral Devices: See Included Manuals

FCC Information

CD320 Commander Flex, FCC ID: XTQ-CD320 contains FCC IDs:
QOQBLE113, QIPPLS8-X

Explanation of Symbols

SYMBOL	DESCRIPTION
	DANGER, WARNING, or CAUTION
	CONSULT INSTRUCTIONS FOR USE
	MANUFACTURER
	MANUFACTURE DATE
	PART/CATALOG NUMBER
	SERIAL NUMBER
	EUROPEAN AUTHORIZED REPRESENTATIVE
	CONFORM WITH EEC DIRECTIVE
	TEMPERATURE LIMITATIONS
	KEEP DRY
	CLASS II EQUIPMENT
	TYPE-B APPLIED PART
	TYPE-BF APPLIED PART
	SEPARATE COLLECTION FOR WASTE OF ELECTRICAL EQUIPMENT
	STAND-BY
	Follow instruction for use (Note: symbol is blue on Commander FLEX CD320 system)

The *Bluetooth* word mark and logos are owned by the Bluetooth SIG, Inc.

INGRESS PROTECTION RATINGS	
Commander FLEX CD320	IP21
SC100	IP20
SC100 Black cover	IPX1
SC200	IP20
Other	Refer to specific manual

INGRESS PROTECTION (IP) CODE			
IPMN	M =	X	Ingress Protection rating not required
		0	Non-protected
		1	Protected against solid foreign objects of 50 mm in diameter and greater
		2	Protected against solid foreign objects of 12.5 mm in diameter and greater
	N	X	Ingress Protection rating not required
		0	Non-protected
		1	Protection against vertically falling water drops
		2	Protection against vertically falling water drops when Enclosure tilted up to 15°



**Stay Connected with Cardiocom!
We are Here to Help.**

**(952) 361-6467
(888) 243-8881 (USA and Canada)
00-800-1188-0000 (EU)**



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