

COMMANDER FLEX[®]

User Manual



Telemonitoring System

CARDIOCOM[®]

EXPERTS IN TELEHEALTHSM

7980 Century Boulevard
Chanhassen, MN 55317

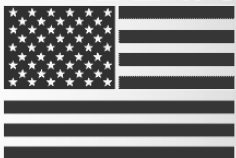


(952)-361-6467 (USA)

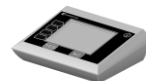
**1-888-243-8881 (USA
and Canada)**

00-800-1188-0000 (EU)

MADE IN



U. S. A.



BEFORE USING THE COMMANDER FLEX[®],
READ THE ENTIRE USER MANUAL.




WARNING: THE CARDIOCOM[®] 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.

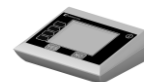


The “crossed-out wheelee bin”  symbol on the device indicates it must not be disposed of with your normal household waste. Instead, return the products to Cardiocom for the recycling of waste electrical and electronic equipment.

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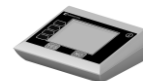
IMPORTANT COMMANDER FLEX® SAFETY PRECAUTIONS

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.



CARDIOCOM 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 PRECAUTIONS IN THIS MANUAL.



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 the front 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.

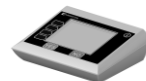
The device is for indoor use only. Do not operate the Commander Flex in extreme temperature or humidity conditions.

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.

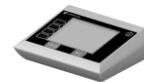
The Scale Wireless Edition™ is intended for use by an adult. Children should not use the device or be left unattended with the Scale WE.

The Scale Wireless Edition™ 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 Scale Wireless Edition™ in extreme temperature or humidity conditions.

Do not expose the Scale Wireless Edition™ to water or other liquids. Doing so may cause short-circuiting, and other damage to the product.

Do not modify or attempt to repair the Scale Wireless Edition™. Doing so could result in the risk of injury.



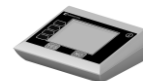
Do not attempt to repair or open batteries.

Remove the batteries from the device when there is a long delay between uses. Batteries that are not used for a long time have the potential to leak and cause an injury.

Do not mix old and new batteries, batteries of different types, or batteries from different manufacturers.

If battery fluid should get in your eyes, immediately flush your eyes with water and seek medical attention.

Batteries are choking hazards for children under 3 years old. Do not allow children to play with the device.



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.

Make sure to use the Scale Wireless Edition™ on a stable surface. Do not use the scale on carpet without the platform.

If the Scale Wireless Edition™ becomes dirty, clean with a soft cloth that is slightly moistened with warm water. CaviCide® wipes can be used on the external surface if available. Do not use alcohol, paint thinner, or anything other than warm water or CaviCide® wipes.

Store the Scale Wireless Edition™ in a clean, safe location. Do not store it in direct sunlight, high humidity, freezing temperatures or other extreme temperatures or dust.

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

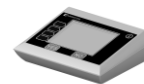
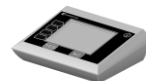


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A Welcome to the Commander FLEX System

What is the Cardiocom 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.

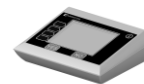
How do you participate?

Your health care team has provided the 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 the 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:



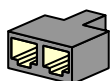
Commander FLEX



Power Supply

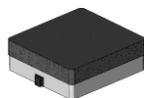


Telephone Cord

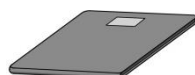


Telephone Jack Splitter

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



Scale PE (Professional Edition™) SC100



Scale SE (Slim Edition™) SC250



Scale WE (Wireless Edition™) SC200



Peak Flow Meter



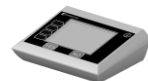
GlucoCom® Blood Glucose Meter



Blood Pressure Cuff

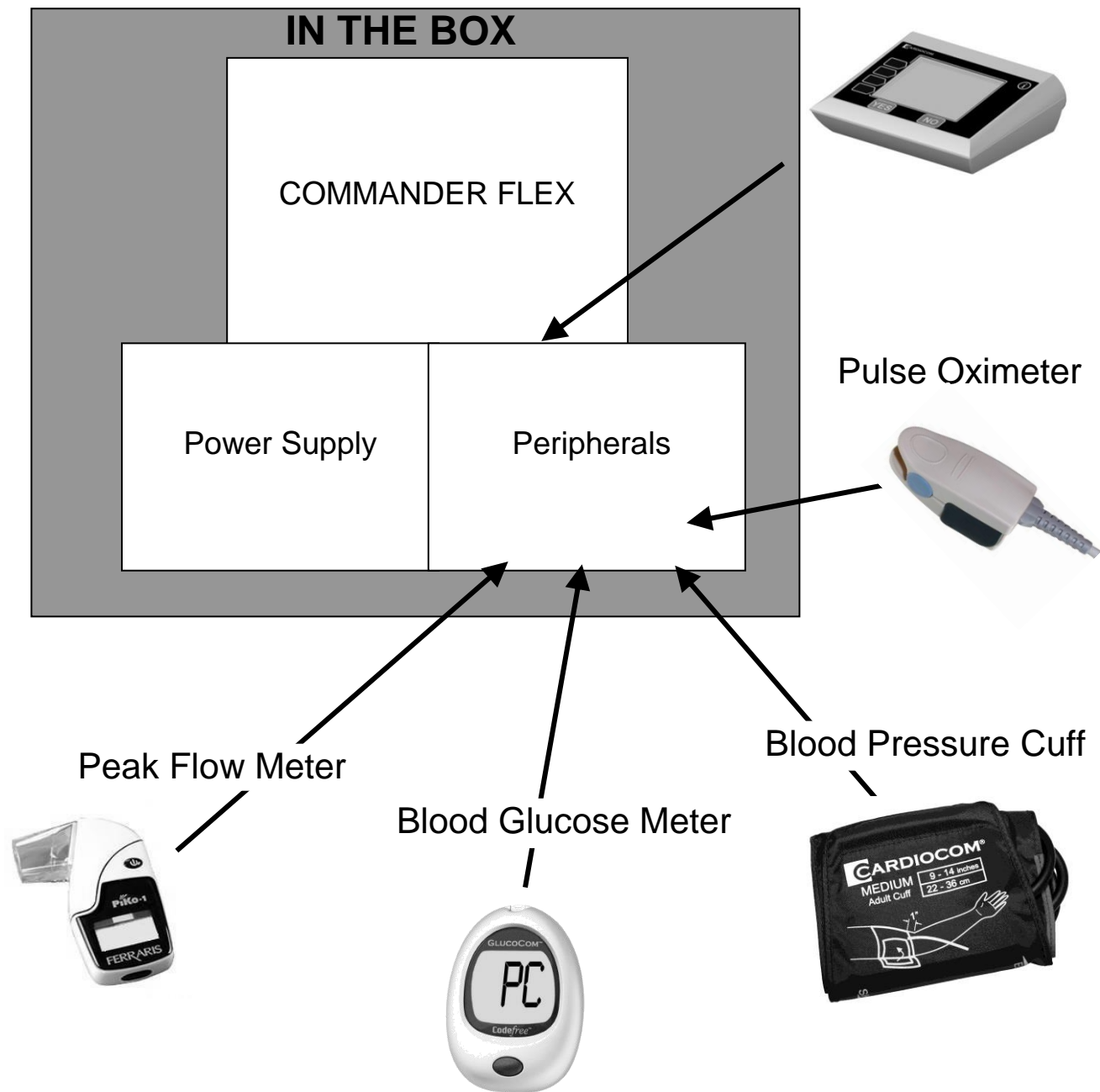


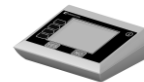
Pulse Oximeter



B Unpacking Commander FLEX

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.

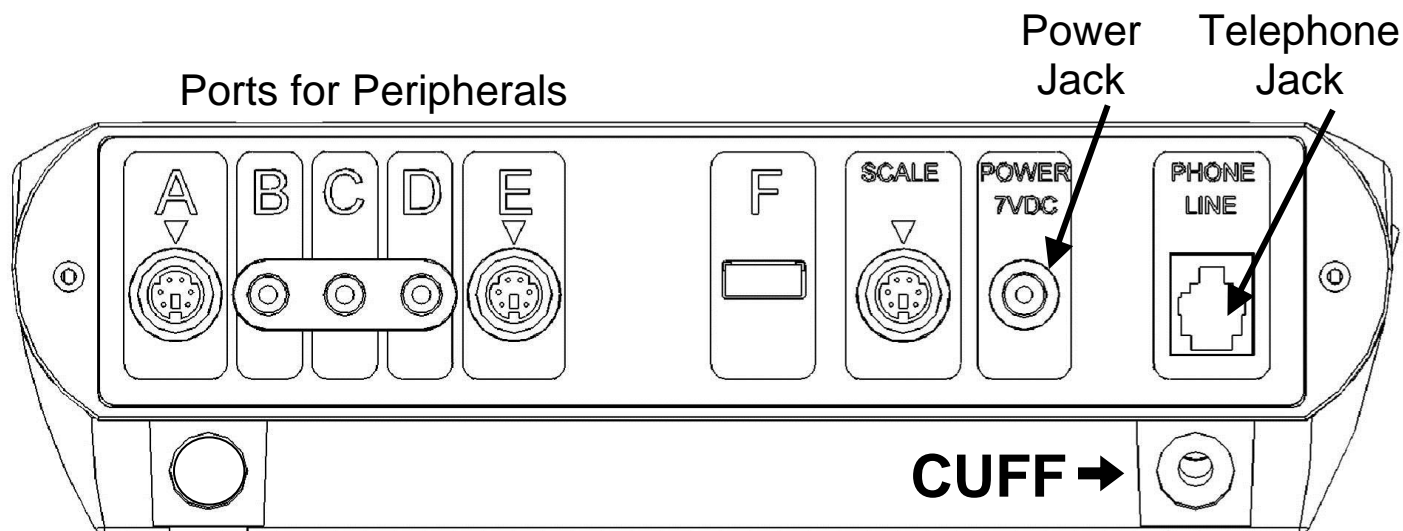
Save the box for return shipment



C

Connecting Commander FLEX

Wired 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

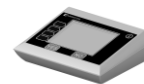
Port F – LIGHT GREEN

Scale (Wired only) – YELLOW

Commander FLEX Setup

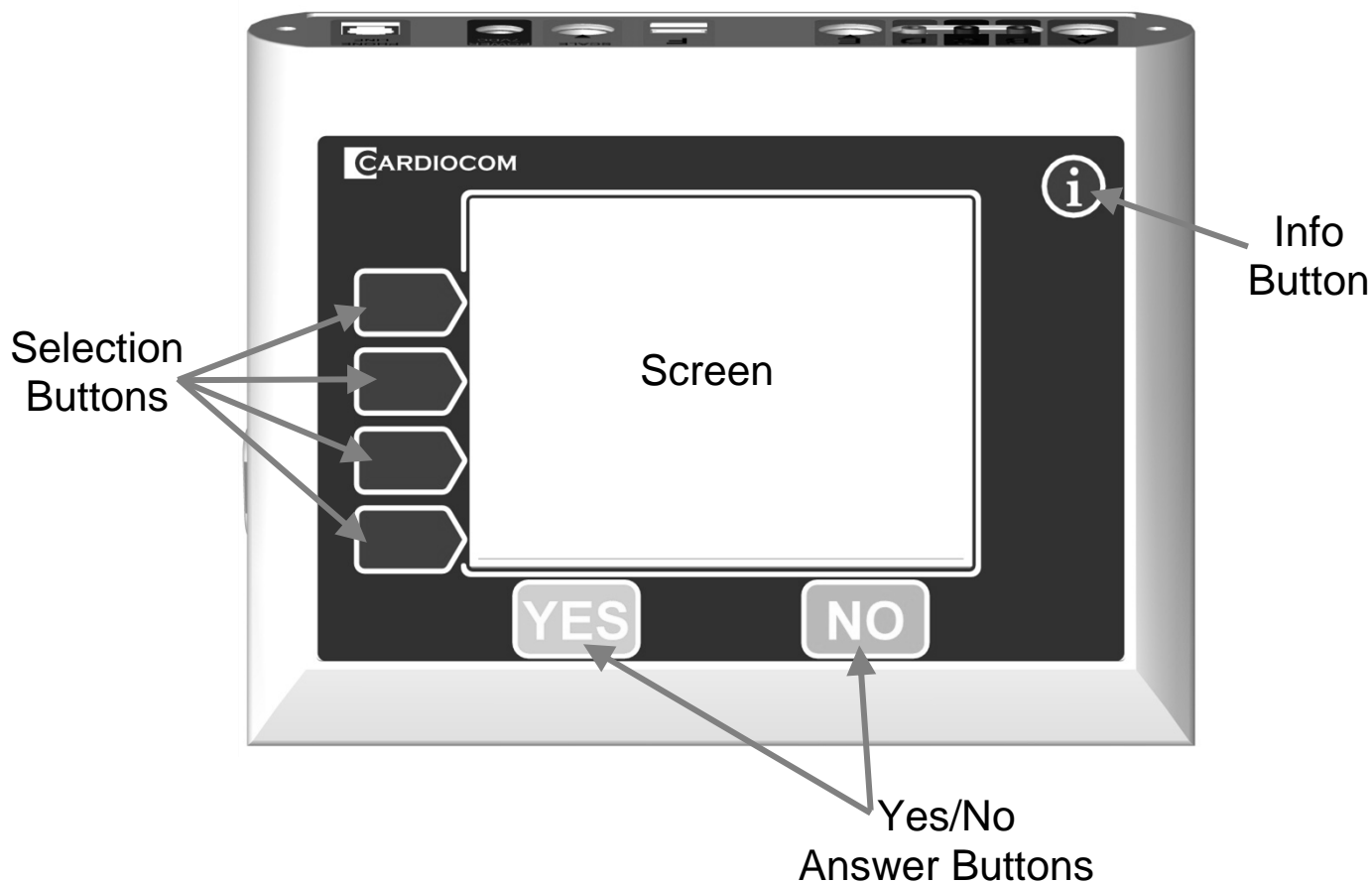
The Commander FLEX is able to send your data to your health care provider in two ways. You can use your home phone line or the device can use the built-in cellular modem.

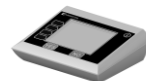
- If you have a home phone line, turn to **Section E for Using Commander FLEX with a Telephone Line.**
- If you do **NOT** have a home phone line, turn to **Section D for Cellular Connection Setup.**



Main Features

- **Screen** – The black and white LCD screen will show text and graphics.
- **Selection Buttons** – These buttons are used for selecting answers to multiple choice questions. The answers will show up on the screen next to the buttons.
- **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.



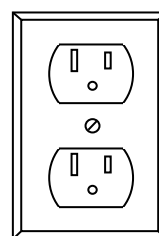


D Cellular Connection Setup

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

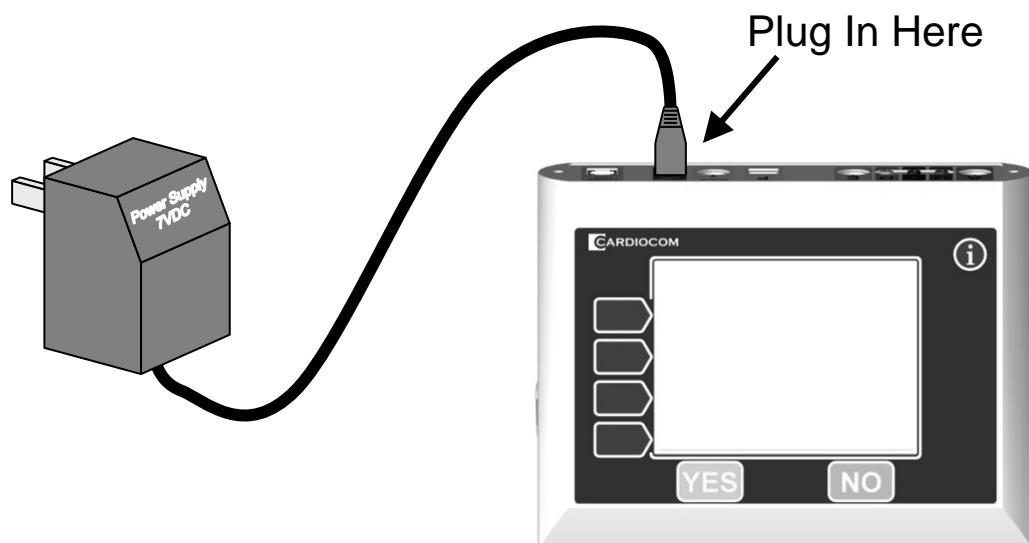
1. Near an outside wall or window.
2. Near an electrical outlet.



How to Connect Commander FLEX

Be sure to connect the parts in this order:

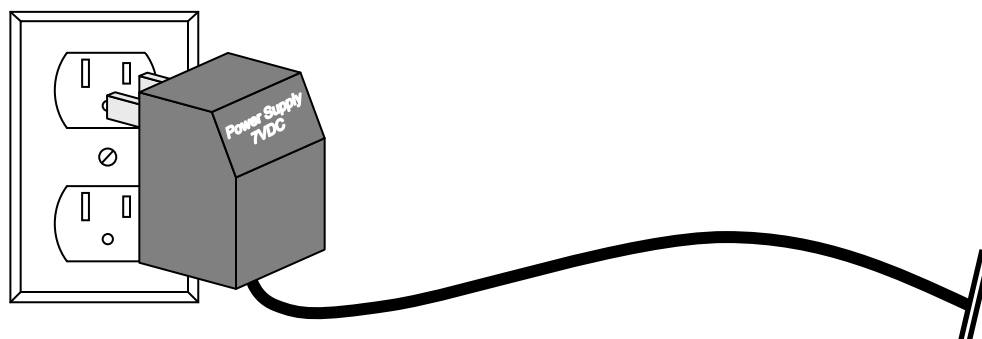
1. Insert the small end of the Power Supply cable into the port labeled "POWER" on the back of the Commander FLEX.





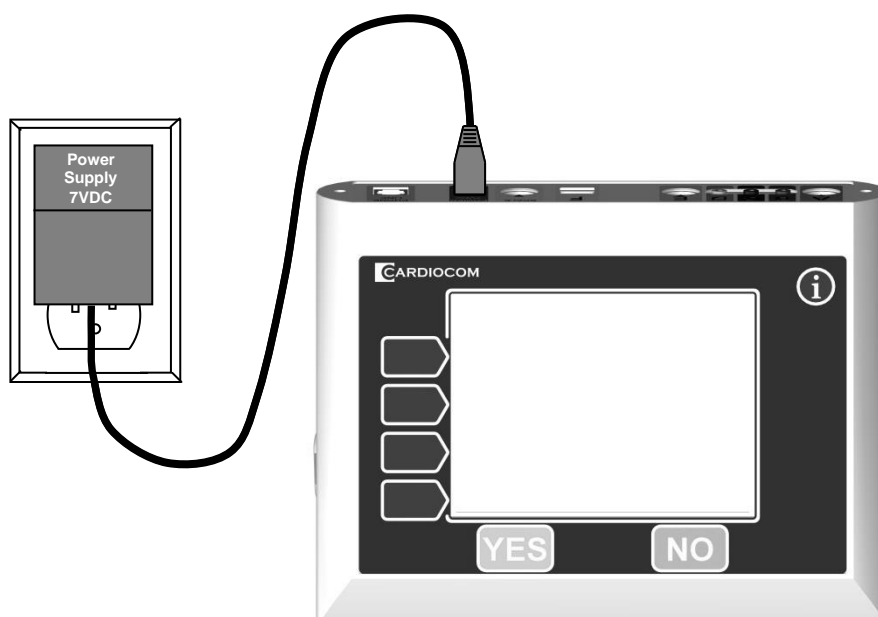
How to Connect Commander FLEX...continued

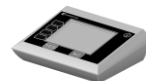
1. Plug the Power Supply into a standard electrical wall outlet.



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.

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





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

If the Commander FLEX has low signal strength, a signal strength meter will be shown on the screen before it tries to send your data. This meter shows the strength of the cellular connection. The more bars you see on the meter, the stronger the signal.

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.

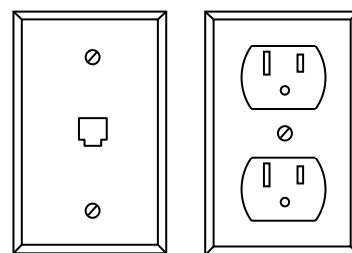


E Using Commander FLEX with a Telephone Line

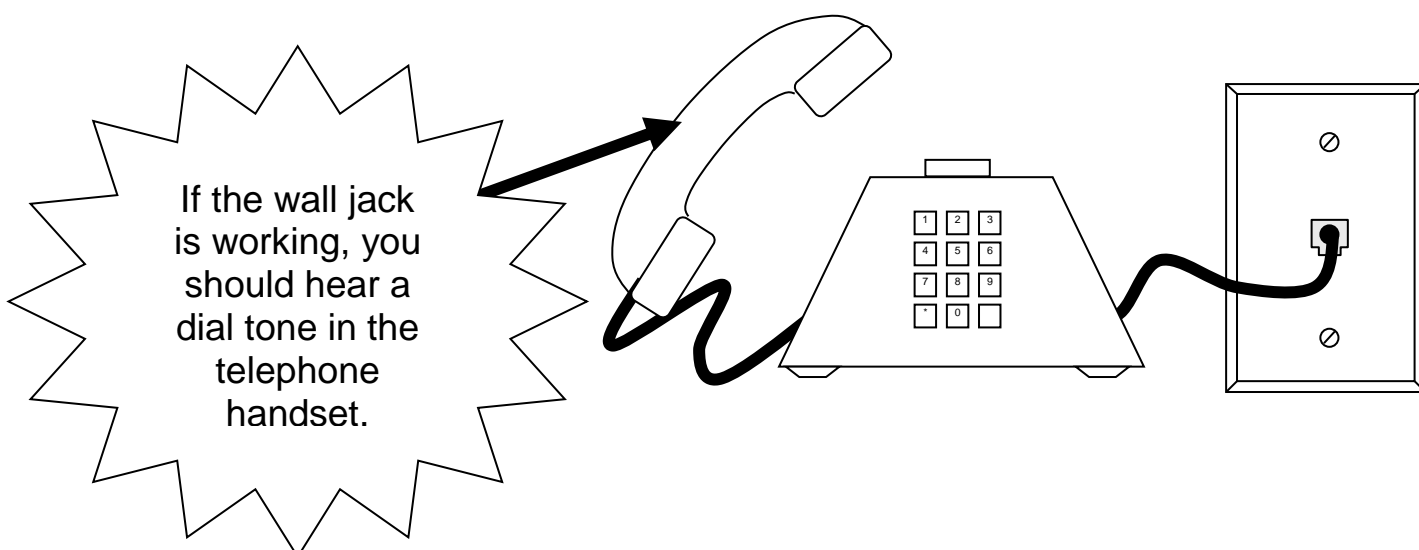
Note: You should use this section to setup Commander FLEX if you DO have a home phone line.

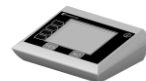
Where to Set Up Commander FLEX When Using a Telephone Line

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.

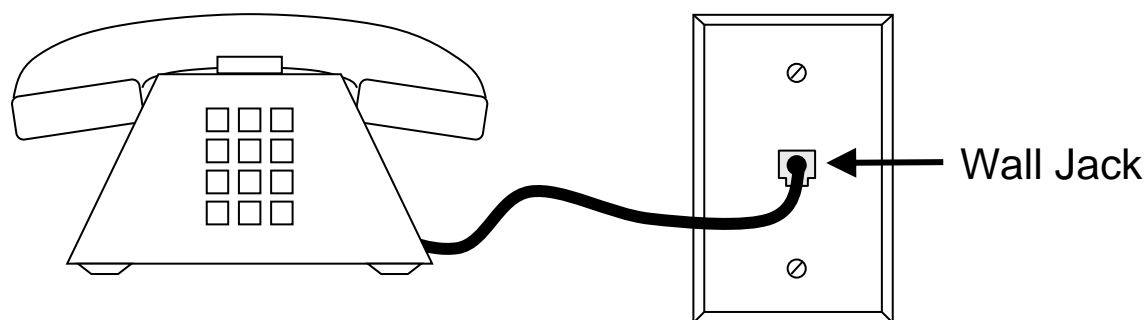




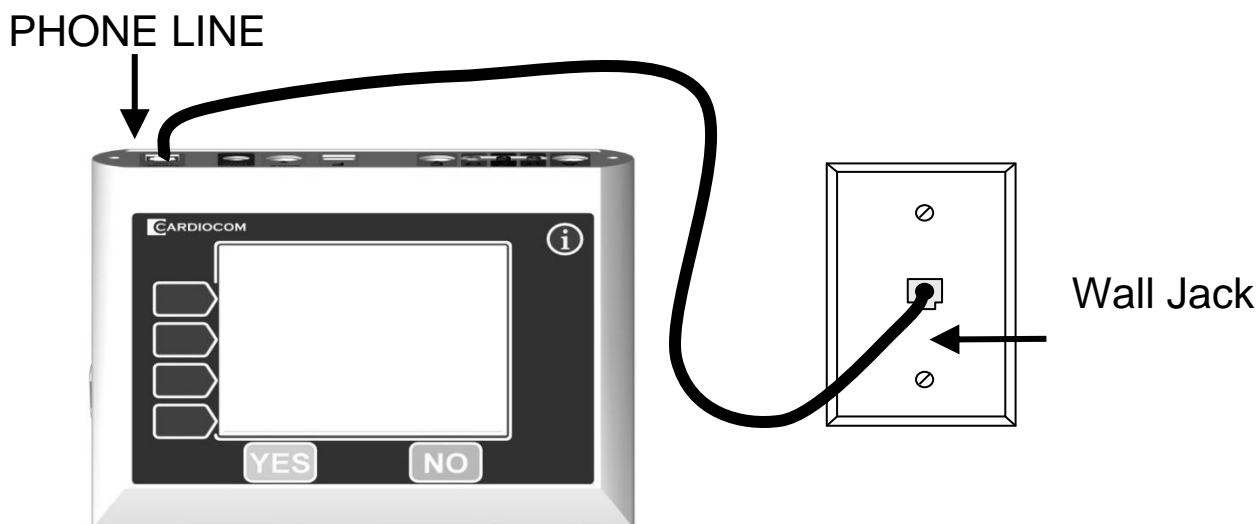
How to Connect Commander FLEX When Using a Telephone Line

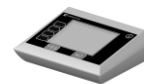
Be sure to connect the parts in this order:

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.*

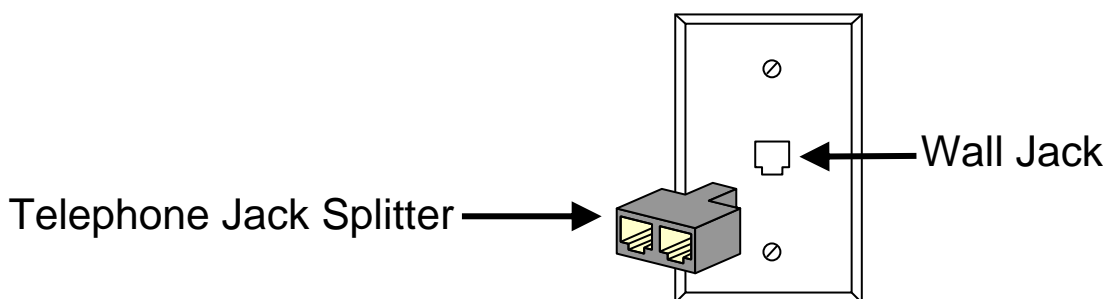


2. If there is NOT a telephone plugged into the wall jack, plug one end of the telephone cord you were sent into the wall jack. Plug the other end into the port on the back of the Commander FLEX labeled "PHONE LINE". Then, go to Step 6.

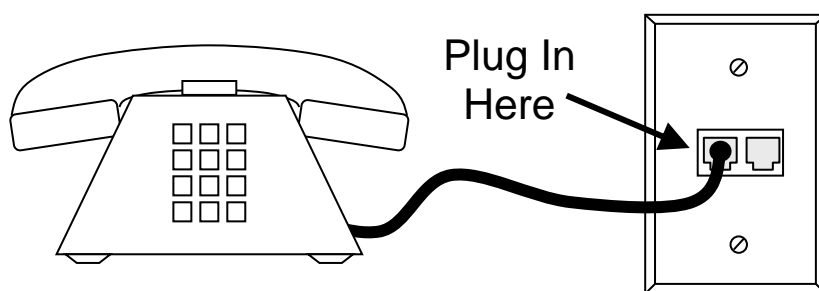




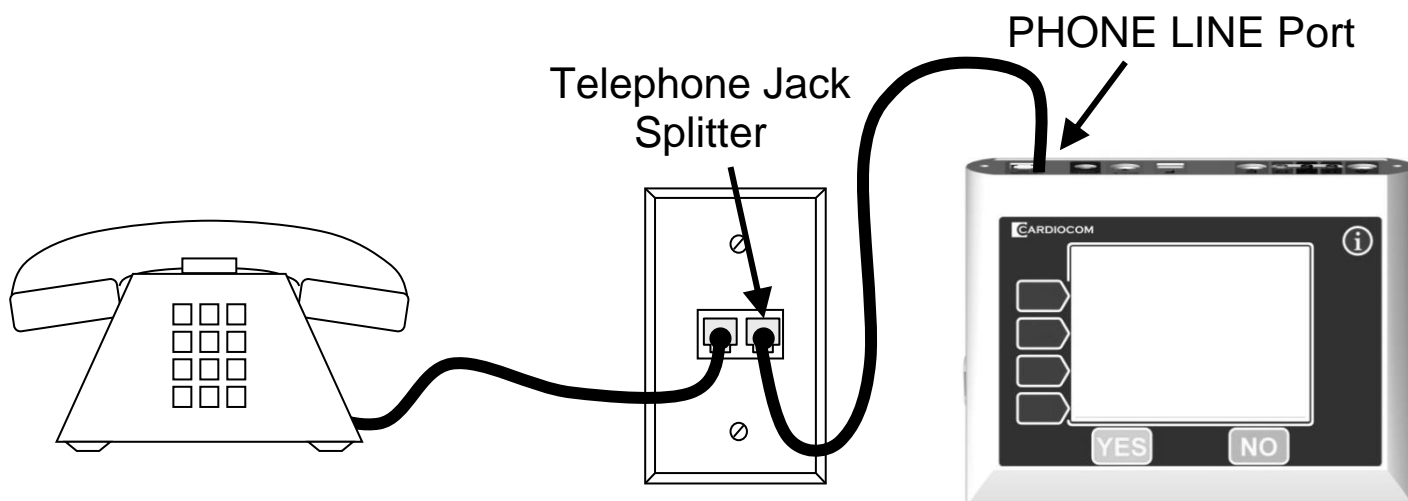
3. Insert a Telephone Jack Splitter into the wall jack.



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.



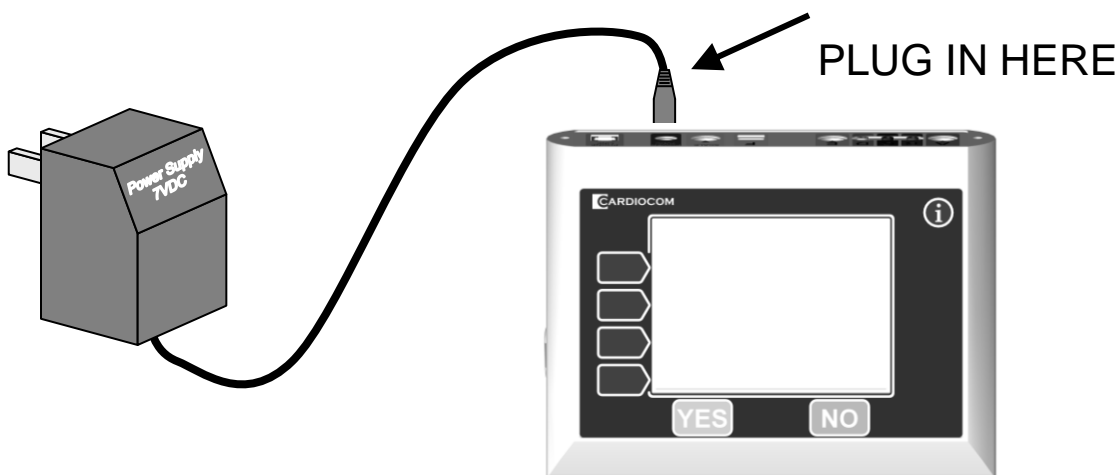


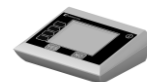
How to Connect Commander FLEX When Using a Telephone Line...continued

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

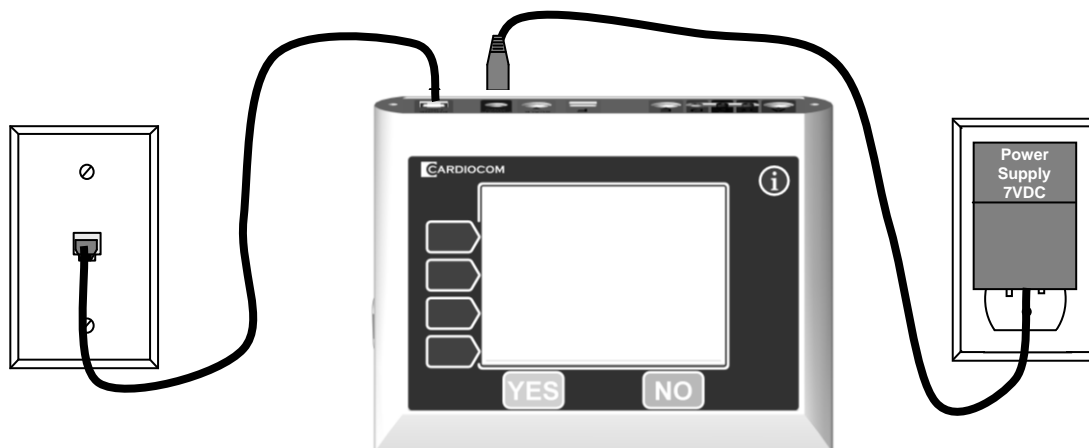


7. Insert the small end of the Power Supply cable into the port labeled "POWER" on the back of Commander FLEX.

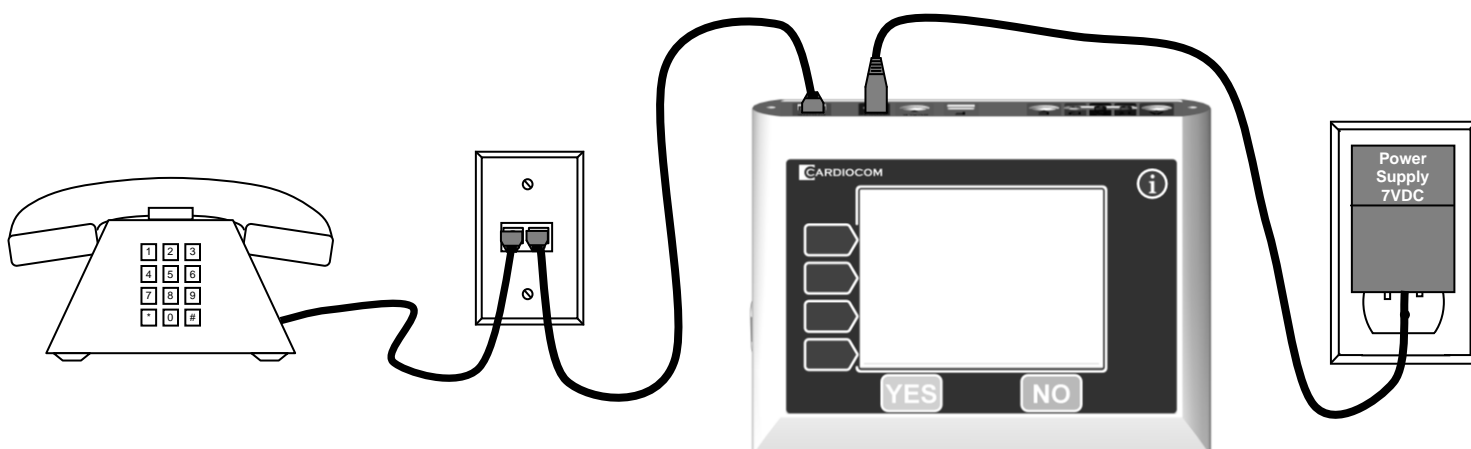




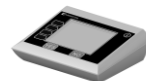
8. The Commander FLEX setup should look like this when just the Commander FLEX is plugged into the wall jack:



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.

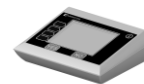


Commander FLEX Activation

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:

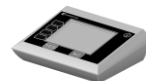
- Measuring your vital signs, like weight, blood pressure, oxygen saturation, peak flow, temperature or blood glucose levels.
- Answering a series of questions about your health status.

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.

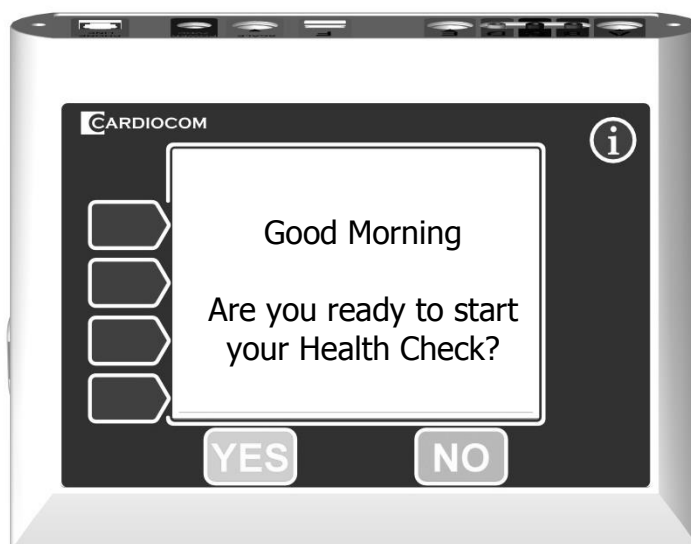


How to Start Your Health Check

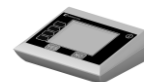
1. Each day you will press the YES or NO button on the Commander FLEX to turn it on. The following messages will be spoken and appear in the display:

“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

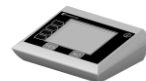
With the Commander FLEX, you may have been sent one or more of the following devices. Refer to the instructions on the pages listed below to set up each device:

SC100 & SC250 Scales (Wired)	30
SC200 Scale (Wireless)	34
Blood Pressure	49
Pulse Oximeter	54
Other Peripherals	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.



G Main Menu

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

Accessing the Main Menu:

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



MAIN 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

The Connection Setup Menu options should only be used when instructed by someone setting up your Commander Flex or by Client Care Services.

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.

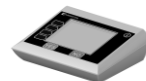
PHONE LINE SETUP MENU

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

The Advanced Setup Menu options should only be used when instructed by someone setting up your Commander Flex or by Client Care Services.

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 configuring the connection of the Wireless Scale.

PERIPHERALS MENU

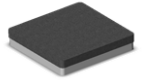
1. Blood Pressure

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

2. Wireless Scale

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

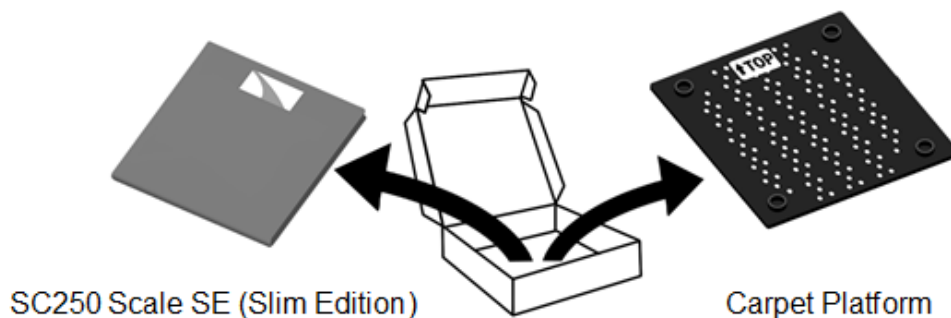
Please note: The menu options may be different as they are dependent upon the firmware version.

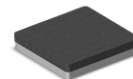


SC100 Scale PE (Professional Edition) & SC250 Scale SE (Slim Edition)

Unpacking the Professional or Slim Scale

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 the Professional or Slim Scale 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 the Scale PE and Scale SE on a Hard Surface

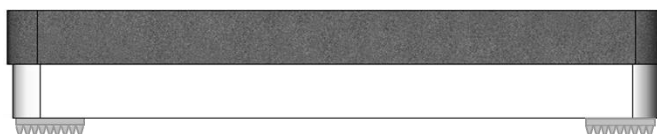
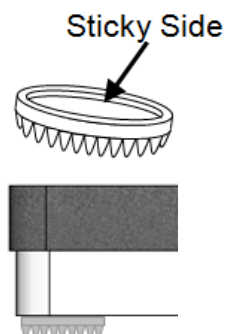
1. Place the Scale on a hard surface away from high-traffic areas.
2. The Carpet Cups or Carpet Platform should NOT be used when using the Scale on a hard surface.



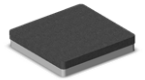
CAUTION: Place the scale on a surface away from traffic areas to prevent a tripping hazard.

Setting Up the 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 Scale PE's stability.

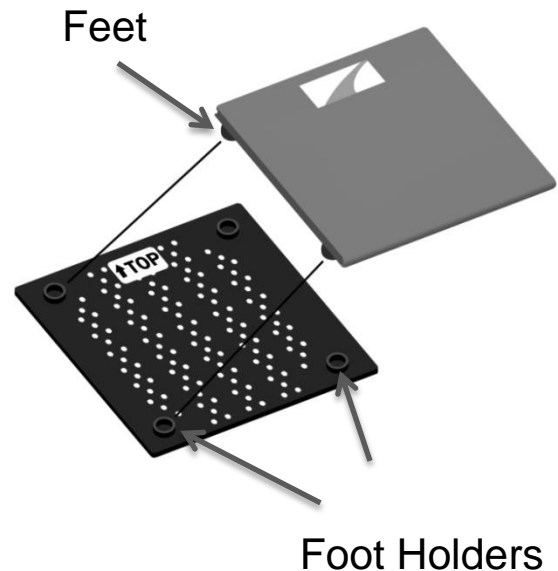


CAUTION: Carpet Cups should not be used on hard flooring. If moving the scale from carpet to hard flooring, remove the carpet cups from the scale.



Setting Up the Scale SE on Carpet

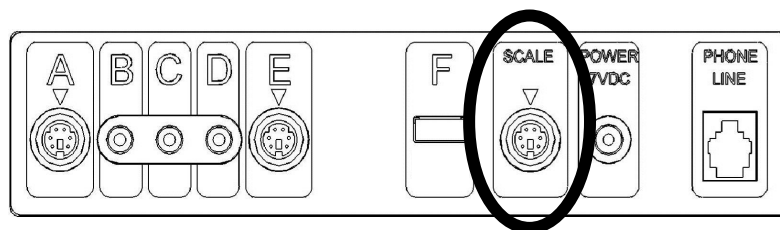
1. Set the Carpet Platform on the carpeted floor.
2. Place the Slim Scale on top of the Carpet Platform according to the directions on the Carpet Platform label.
 - a. Slim Scale feet should be placed in the Carpet Platform foot holders.
 - b. Make sure the cord is not caught between the scale and platform.



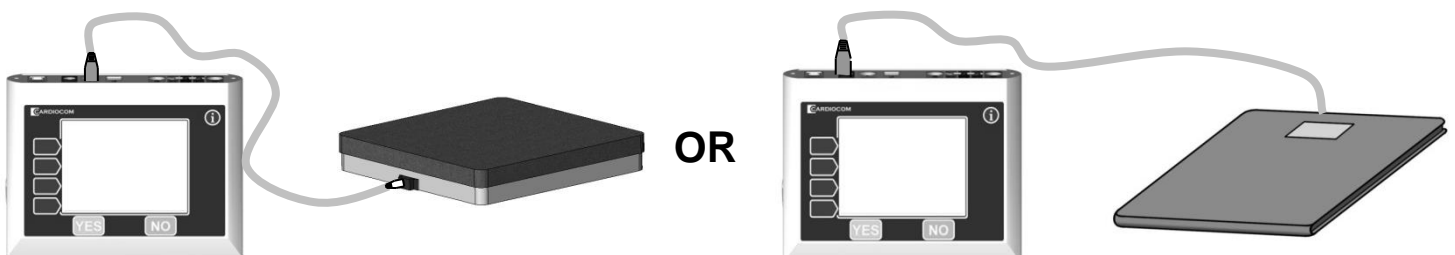
CAUTION: The Carpet Platform should not be used on hard flooring.

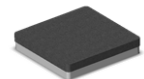
Connecting the Wired Scales to Commander FLEX

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



2. Your Scale connection should look like this:





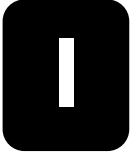
Using the Scales

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.

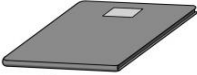


CAUTION: Failure to step on the scale correctly may cause you to lose your balance. If you feel unstable on the scale, do not continue use of the scale as this may result in a fall or injury.

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.



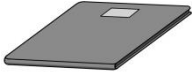
SC200 Scale WE (Wireless Edition)



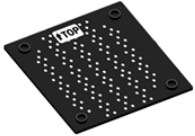
The Scale WE is a cable-free (wireless) body weight scale that you can use in your home with or without a Commander Flex. The Scale WE does not come with a cable to connect to the Commander Flex.

Please refer to the SC200 Scale WE Quick Start Guide that came in the Scale WE package.

Your Scale Wireless Edition™ kit includes:



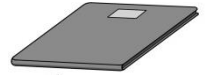
Scale Wireless Edition (Scale WE)



Carpet Platform

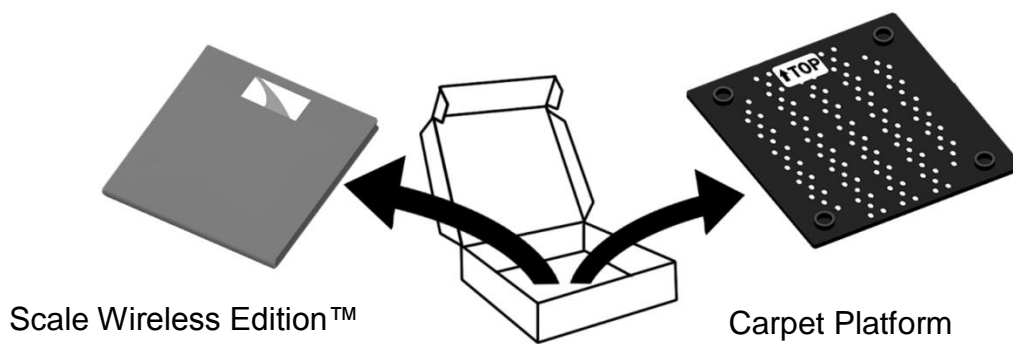


Six (6) AA alkaline batteries

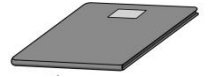


Unpacking the Wireless Scale

1. Remove the Scale 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 the Wireless Scale on carpet, unpack the Carpet Platform as shown below.
- 5.

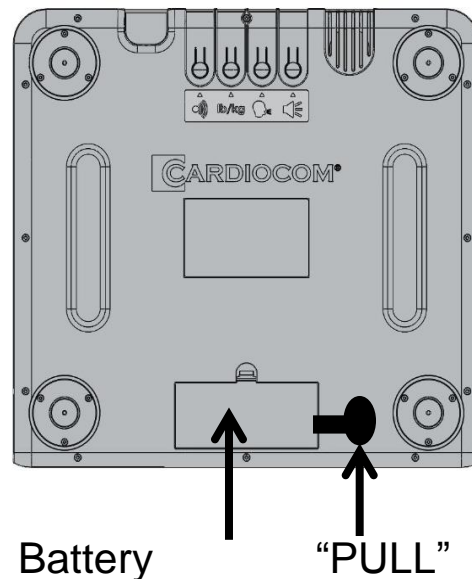


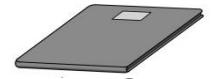
Save the box for return shipment



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



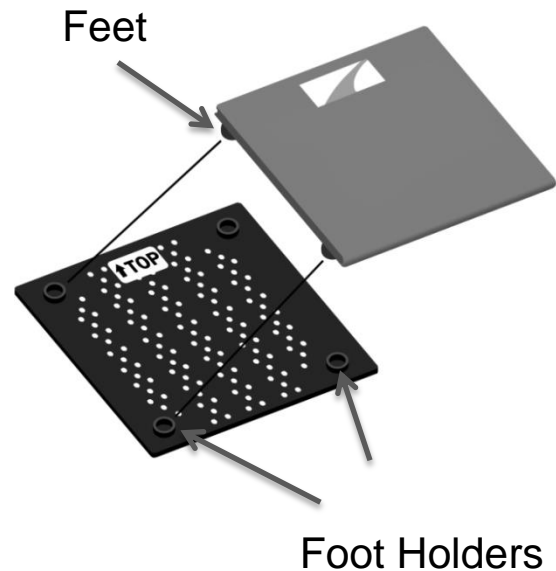


Setting Up the Wireless Scale on a Hard Surface

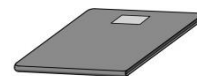
1. Place the Wireless Scale on a hard surface away from high-traffic areas.
2. The Carpet Platform should NOT be used when using the Wireless Scale on a hard surface.

Setting Up the Wireless Scale on Carpet

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



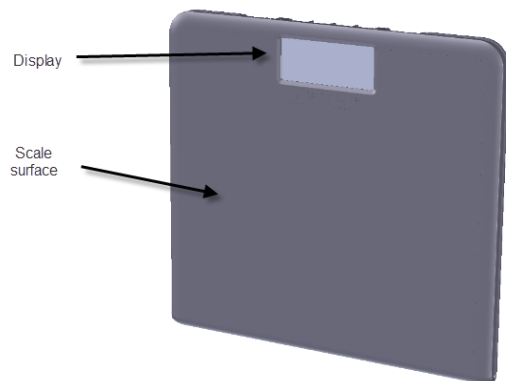
 **CAUTION: The Carpet Platform should not be used on hard flooring.**



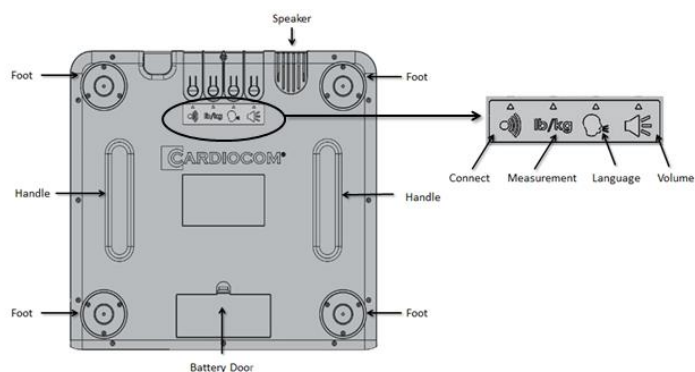
Scale Wireless Edition™ Features

- Automatic On/Off
 - It turns on automatically when it registers more than fifty (50) pounds.
 - It turns off automatically when a measurement is complete.
- The digital readings and large display allows you to cut out the guesswork.

Top View



Bottom View





Scale WE (Wireless Edition™) Display





The Scale Wireless Edition™ display turns on and lights up when at least 50 lbs (or 23 kg) is on the scale. After a measurement, the scale displays the reading and instructs the person to step off. The scale display and backlight will automatically shut off.

The weight measurement displays the unit (to one decimal place) and the measurement type (“lbs” or “kg”).

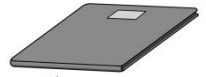
The battery level appears on the lower left area in the display when the scale is in use.

The transmitting symbol displays when a successful reading has been taken and it is transferring it to the Commander Flex.

 If the scale is linked or connected to the Commander Flex, the transmitting symbol will appear in the upper left of the display.

 If the scale is not linked or not connected to the Commander Flex, the transmit fail symbol displays. The Commander Flex will not receive the weight measurement, nor send it to your health care team.

If the scale cannot take a measurement due to the person being unstable, an animated stick figure displays in the upper right corner. If the scale cannot take a measurement, it will say “No weight data collected. Please step off the scale.”



Linking the Scale WE to the Commander FLEX

To be able to send your weight readings to your health care team, follow the steps below to register the wireless scale:

1. Press any button to wake up the Commander Flex.

It displays: “Are you ready to start your Health Check?”

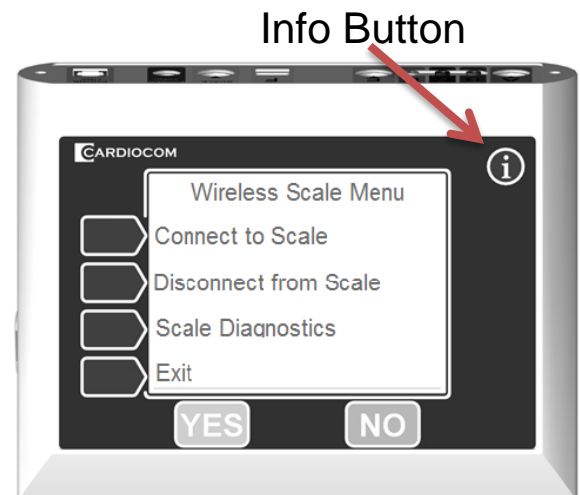
2. On the Commander FLEX, select the “Info Button.” It is located in the upper right hand corner with a blue “i”. Selecting the “Info Button” will display the Main Menu.

3. Select Device Setup from 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. The 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.”



Linking the Scale WE... Continued

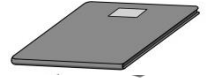
11. Select Exit until “Are you ready to start your Health Check?” appears on the screen.
12. Place the Scale WE on the carpet platform or floor with the LCD display side up.

Taking a Weight Using the Scale WE is easy!

1. Once you have registered your Wireless Scale, you can take a weight at any time without doing your health check.
2. Your weight will be automatically transmitted to the linked Commander FLEX.
3. If a weight is taken before a health check, the Commander FLEX will skip the “Take your Weight” section of the health check.
4. This weight will be used in place of the “Take your Weight” section of the health check.
5. 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 WE, ensure your feet are properly positioned on the scale as follows:



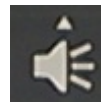


CAUTION: Failure to step on the scale correctly may cause you to lose your balance. If you feel unstable on the scale, do not continue use of the scale as this may result in a fall injury.

Changing the Volume on the Wireless Scale

1. Turn over the Wireless Scale so the bottom is facing you.

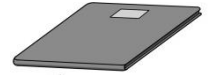
2. Select the button with the volume symbol.



3. Press the button until you hear the setting you would like the Wireless Scale set to.

a. The volume settings are:

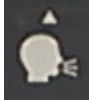
- High
- Low
- Off



Changing the Language on the Wireless Scale

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 the Wireless Scale upside down.

2. Select the button with the language symbol .

3. Press the button until you hear the language you would like the Wireless Scale set to.

4. The available language settings are:

- a. English
- b. Spanish
- c. French

Changing the Weight Measurement on the Wireless Scale

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

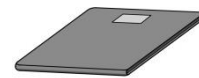
1. Tip the Wireless Scale upside down. .

2. Select the button with the weight measurement symbol “lb/kg.”

3. Press the button until you hear the weight measurement you would like the Wireless Scale set to.

4. The available weight measurement settings are:

- a. Pounds
- b. Kilograms



Viewing Scale Diagnostics

1. Wake up the Commander FLEX by pressing any button.
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 Scale Diagnostics from the Wireless Scale menu.
8. The Commander FLEX will display if any Wireless Scale is connected and the serial number.

Disconnecting the Wireless Scale from the Commander FLEX

1. Follow steps 1 through 5 above to get to the Wireless Scale Menu.
2. From the Wireless Scale menu, select the Disconnect from Scale from the Wireless Scale menu.
3. The Commander FLEX will disconnect the Wireless Scale.



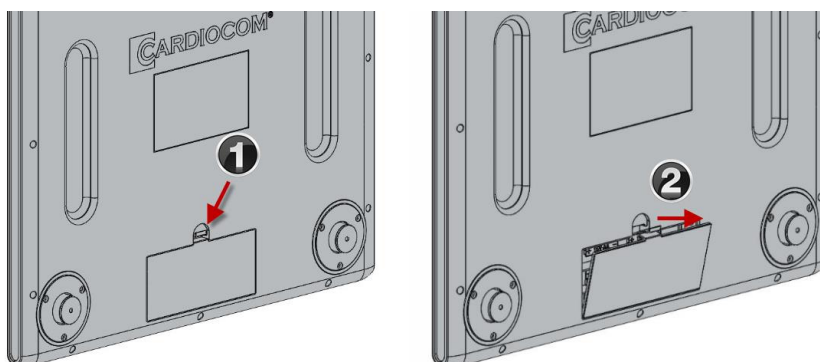
Changing the Scale WE™ Batteries

The Scale will display a battery level at the time of use. Note that when the batteries are completely depleted, the battery level will not be displayed.



Before the Battery Level is low, replace the batteries in the battery compartment. The battery compartment is accessed by turning over the scale and opening the battery door.

1. Turn the scale upside down.
2. Open the battery door by pushing down on the battery case tab and pulling out.



3. Take out all of the batteries. All batteries are to be replaced at the same time.
4. Replace with six (6) (AA) new alkaline batteries, taking care to insert the new batteries in the correct orientation (+) and (-) as shown inside the battery compartment.



Care and Cleaning Information for the Scale WE™

If the scale gets dirty, unplug all of the cables from the back and use a damp cloth to wipe it down. **THE SCALE WE CANNOT BE SUBMERSED IN WATER.**

The scale can be cleaned with a disinfectant. You can use CaviCide® wipes to wipe down all exterior surfaces. Please follow the instructions included with the wipes.

With the exception of cleaning, the Scale Wireless Edition™ is designed to be serviced and maintained only by qualified personnel. If your device should need servicing, please contact Customer Care.



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



Scale WE™ Frequently Asked Questions (FAQ)

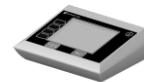
What steps can I take if the Scale Wireless Edition™ doesn't appear to be taking my weight?

- a) Make sure the scale is on the proper flat surface. If on carpeting or an unstable surface, please make sure the Carpet Platform is between the carpet and the scale. Check to make sure the feet of the scale are nestled into the footholds of the Carpet Platform.
- b) Ensure that minimally there is fifty (50) pounds distributed on the scale surface, not to exceed four hundred (400) pounds.
- c) Replace the scale batteries, if necessary.
- d) Check to make sure the scale feet are free from debris or foreign materials (such as clothing or towels).

How do I know if my weight is in pounds (lbs) or kilograms (kg)?

Upon taking a measurement, the scale does two things:

1. It speaks the unit of measurement.
2. Either “kg” or “lb” displays in the lower right corner of the LCD screen when standing on the scale.



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.

How to view the Electronic FCC ID

View the FCC ID on the initial startup screen. To view the startup screen, unplug the power cord on Commander Flex. Then, plug the power cord back into the back of Commander Flex.



J

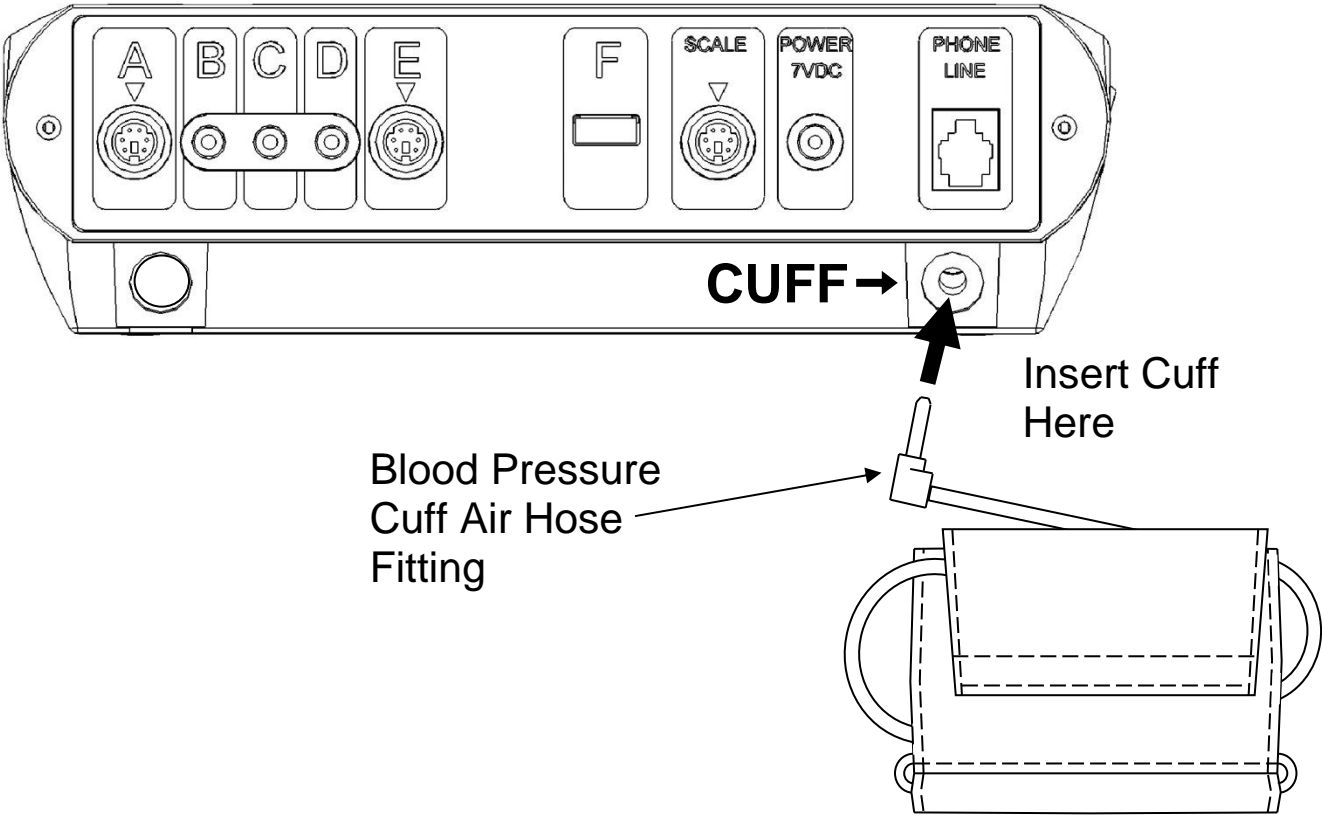
Blood Pressure

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.

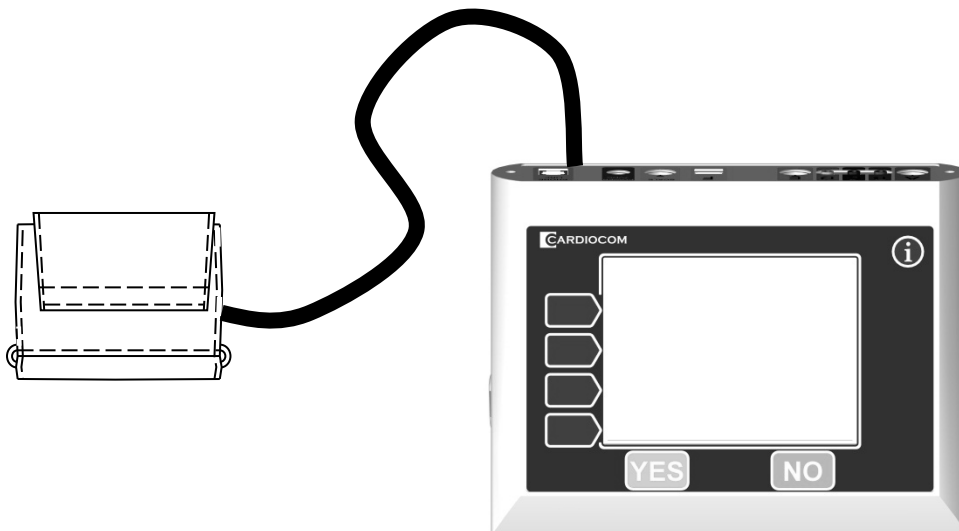
Connecting the Blood Pressure Cuff

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

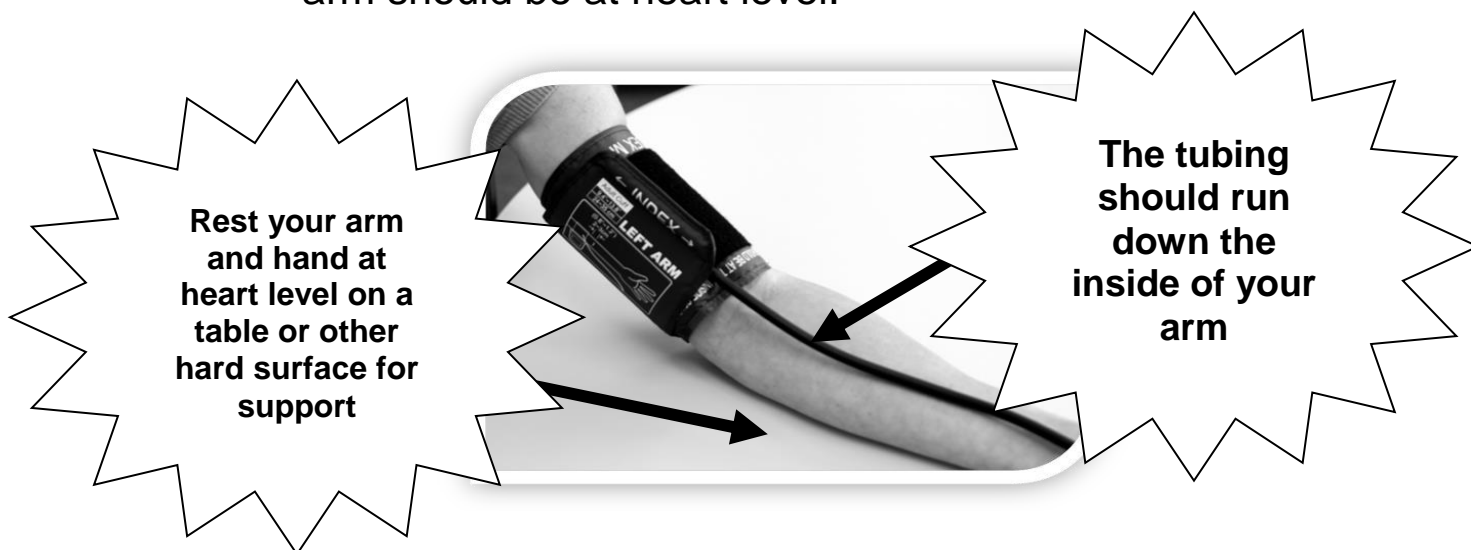


Wrap the cuff tightly around your upper arm



Measuring Blood Pressure...continued

- a. Rest your arm and hand on a table or hard surface. Your arm should be at heart level.



2. The Commander FLEX will prompt you to “Press YES to check Blood Pressure”. Press the YES button on the Commander FLEX 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 while Commander FLEX 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.

Measuring Blood Pressure...continued



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.



WARNING: 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.

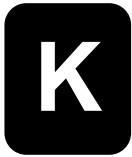
Some people are more sensitive to pressure and may experience physical effects, including bruising of the area where pressure is applied. Consult your health care team if you bruise easily and have concerns regarding routine monitoring of blood pressure.



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

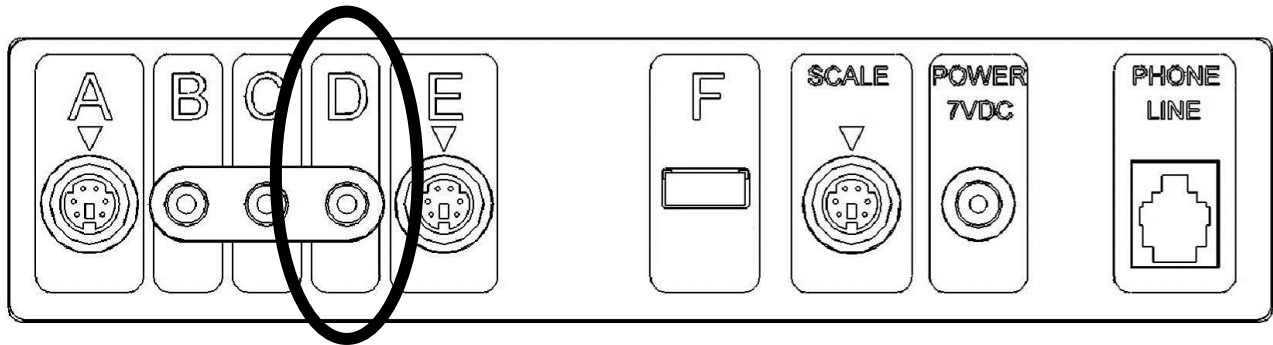


Unpacking the Pulse Oximeter

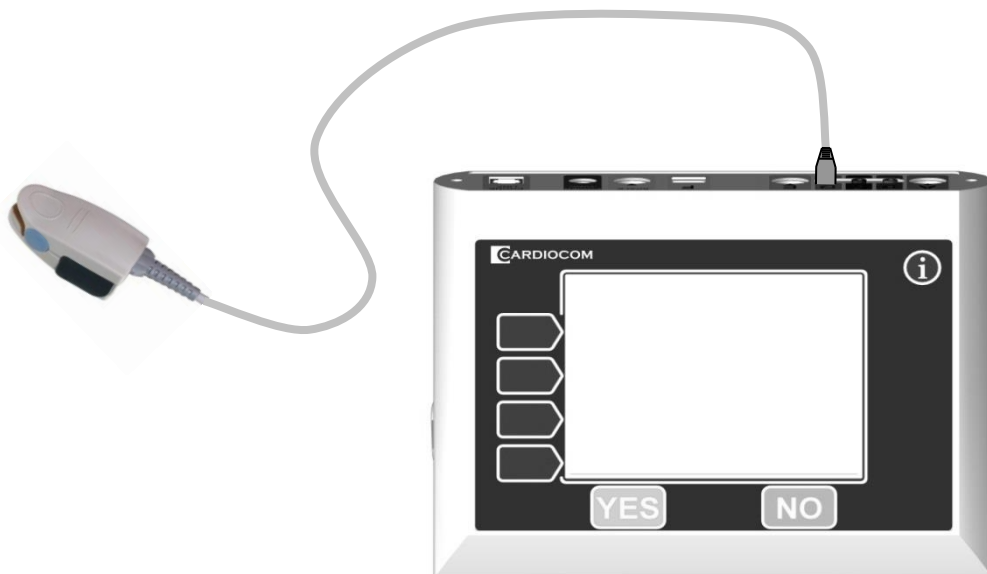
1. Remove the Pulse Oximeter from the box.
2. Check for any damage incurred during shipping. If you note any damage, call your care provider as soon as possible.

Connecting the Pulse Oximeter

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

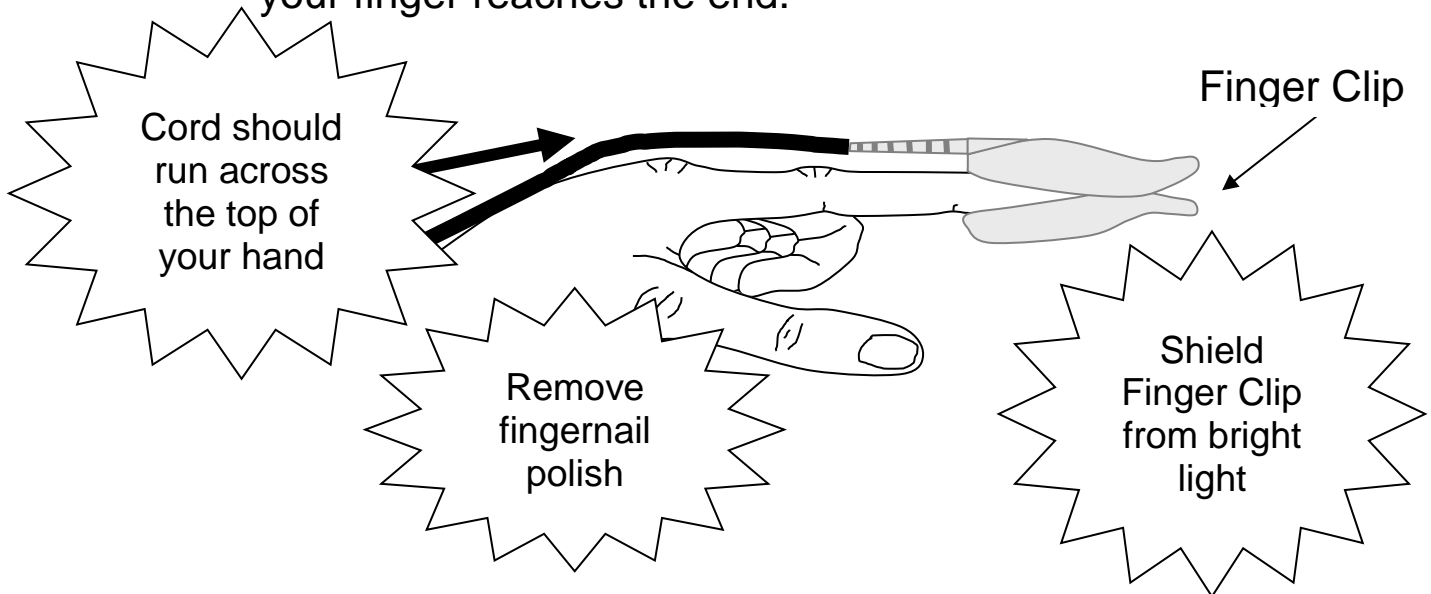


2. Your Pulse Oximeter connection should look like this:



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.



Other Peripherals & Cables



You may have received one or more peripheral to use with the Commander Flex.

Please refer to the instructions provided in the manuals and inserts with each of these items!



Care & 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.



CAUTION: The Commander FLEX cannot be submerged 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: CARDIOM 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.



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 “Are you ready to start your 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 **Options Menu**. See **Section M**. Press the “i” button during the “Ready for Health Check?” question to enter the Options 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.



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.	



Specifications

Name:	Commander FLEX
Model:	CD300-315
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 55 degrees Celsius)
Operating Temperature:	50 to 104 degrees Fahrenheit (10 to 40 degrees Celsius)
Server Connectivity:	Cellular GPRS or CDMA Standard telephone line (POTS)
Peripheral Connectivity:	USB port Serial ports (x5) Commander FLEX weight scale port Proprietary radio frequency
Scale Professional Edition	
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)
Scale Wireless Edition	
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
SC200 Wireless Range:	50 feet, open air
Scale Slim/Lite Edition	
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)
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

Specifications Continued

Pulse Oximeter Calibration: Calibrated to display Functional Oxygen Saturation

Pulse Oximeter Range/Accuracy: 70% to 100% SPO₂ ± 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

CD310 Commander Flex, FCC ID: XTQ-CD310 contains FCC IDs: T7V-BC06, N7NWISMO228

CD315 Commander Flex, FCC ID: XTQ-CD315 contains FCC IDs: T7V-BC06, Q78-MC2261

SC200 Scale WE, FCC ID: XTQ-SC200

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 system)

INGRESS PROTECTION RATINGS	
Commander FLEX	IP21
SC100	IP20
SC100 Black cover	IPX1
SC200	IP21
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
	N	2	Protected against solid foreign objects of 12.5 mm in diameter and greater
		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°



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Manufactured by:
CardioCom, LLC
7980 Century Boulevard
Chanhassen, MN 55317
(952) 361-6467
(888) 243-8881 (USA and Canada)
00-800-1188-0000 (EU)
www.cardiocom.com

CE0086

EC REP

Emergo Europe
Molenstraat 15
2513 BH The Hague
The Netherlands
Tel: (31) (0) 70 345-8570
Fax: (31) (0) 70 346-7299