



LC-19SK25U Personal Viewing System Installation and Operation Instructions:

**Please read instruction sheet before assembly and/or installation of your entertainment system.**

**IMPORTANT: LCD Screen Pedestal Stand should be assembled, and all cords run per the instructions enclosed with the stand before beginning the installation of the LCD screen and controller unit. Instructions for mounting the LCD screen are included with the respective stand or custom mount.**

**WIRING CONNECTIONS FOR LCD SCREEN:**

Unpack the television from the box and attach it to the universal LCD stand or the manufacturer's custom bracket using the four M4x0.7x12mm screws. (Provided with the stand or by the bracket manufacturer) It is recommended that the wiring be routed through the stand or bracket **PRIOR** to starting the connection process! Before connections are made the back of the LCD screen will look like this:

View: Rear View:



Close-up Panel



1. First, connect the Antenna, Cable TV, or Satellite Cable for your signal source to the F-connector marked “ANT.” on the left side of the TV connection panel as you are looking at the back of the TV. Screw the nut onto the threads securely as this will provide for a better signal transfer from the cable to the TV:



2. Insert CAT-5 cable (the black coiled one) into the RJ45 plug (looks like a phone jack) on the bottom of the rectangular box located at the lower, right side of the back of the LCD screen.



3. Connect the AC Power Cord into the terminal on the back of the TV marked “AC INPUT 120V”.



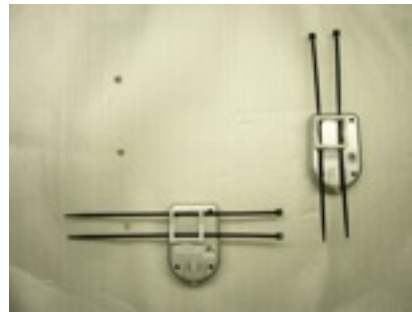
4. When wiring is completed, it will look as below:



5. Plug the power cord into a standard 120V AC outlet. Depending on your application you may need a longer line to get to your power source. An extension cord is included for your convenience. Connect the other end of the antenna cable to the video source being utilized at your location.

**MOUNTING AND CONNECTING THE REMOTE CONTROL UNIT:**

1. The CardioVision remote control is a universal unit designed to be compatible with most makes and models of cardio equipment. To mount the control unit, first slide the cable ties through the appropriate holes in the mounting bracket on the underside of the controller. (Top to bottom if you are mounting it to a horizontal bar; side to side if mounting to a vertical bar.)



2. Wrap the cable ties around one of the bars on your piece of equipment in an appropriate position. Take note how the equipment will be used and make sure your placement of the controller will not interfere with the function or the range of motion of the equipment. Pull the cable ties tightly around the bar so that the controller does not rotate. Cut the ties as needed. (Note: A typical treadmill installation is used for reference in this manual. Your equipment may differ from the one shown here and placement of the remote control unit will vary.)



Once mounted in place, the controller should look something like this:



3. Connect the other end of the CAT-5 cable to the RJ-45 terminal located on the underside of the remote control unit.



#### INITIAL SET-UP AND OPERATING INSTRUCTIONS:

1. Turn on the master power switch located on the right side of the LCD screen toward the top of the screen.
2. Using the Master Infrared Remote, press the “MENU” button, go to “SET-UP”, go to “EZ Setup”, and press “ENTER”.
3. If you are connecting to a system that uses an aerial antenna, select “AIR” If you are connecting to a system using cable TV as your signal source, select “Cable(STD)” and press “ENTER”. Select analog, digital or both depending on what type of channels you want the TV to memorize, Then select “Yes” to start the Channel Scan. The TV will now scan all of the channels available in your area. This may take a few minutes, especially for the digital channels. The progress will be shown in the upper left corner of the screen. When it is finished, the TV will tune to the lowest receivable analog broadcast channel. It is now ready to use.
4. Familiarize yourself with the remote control unit. Check for proper operation of the R/C unit. The functions are as described below:

- The **channel up and down arrows** change the channel up or down respectively.
- Same with the **volume up and down arrows**.
- The **video source** button toggles between the analog tuner, digital tuner and various video input sources if used. Pushing the button advances the source in the following order: analog tuner, digital tuner, input 1, input 2, then back to the analog tuner and so on.
- The **audio source** button toggles between various audio inputs if multiple inputs are available. Most often used with the DVD option if you wish to put a CD in the DVD player and listen to the CD while watching TV. You would see the picture from the TV, but hear the sound from the CD. **NOTE: If you are not able to hear sound from your headphones, most likely the wrong audio source is selected. Simply press the audio source button once. You should now be able to hear the sound in your headphones.**
- The **number keypad** allows you direct access to the channel of your choice by entering the number of the channel you want to watch.
- When you press the **back button**, the channel will change back to the channel you were watching immediately prior to the one you are currently watching. If you press it again the channel will go back to the first channel. This allows for one-touch switching between two programs you want to keep track of at the same time.
- The **“PWR” button** turns the unit on and off.
- The **phones arrow** points to the headphone jack located on the side of the unit just below the keypad. Plug your headphones into the jack to hear the sound from your system.

If your system does not seem to be functioning properly, please check the troubleshooting guide located at the end of this manual, call your dealer, or contact CardioVision as detailed below.

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CV-10d-CTR Remote Control Instructions:

**CHANGING THE HEADPHONE JACK:**

1. To remove the worn jack; press on the small arrow located on the back side of the remote control unit and slide the jack module in the direction of the arrow. (For clarity, the photos are taken before the remote control unit has been mounted to the piece of cardio equipment. The headphone jack module can, in most cases, be changed WITHOUT removing the remote control unit from the cardio machine!)



2. Guide the grooves of the new jack module into the tabs of the remote control unit. Push the jack module back into the control unit until it “clicks” into place.



**Troubleshooting Guide:**

<b>Problem:</b>	<b>Items to check:</b>
There is no picture or sound. No Red light on front panel.	<ul style="list-style-type: none"> <li>• Make sure the power switch on top of the unit is turned on.</li> <li>• Make sure the A/C adapter and power cord are properly connected.</li> </ul>
There is no picture or sound. Red light on front panel is on.	<ul style="list-style-type: none"> <li>• Press the “Power” button on the CardioVision controller to turn unit on.</li> </ul>
There is no picture or sound. Green light on the front panel is on.	<ul style="list-style-type: none"> <li>• Make sure the video input mode is set to the correct source. (Usually TV)</li> <li>• If using a DVD player, MP3, iPod, etc., make sure the aux. source device is turned on.</li> </ul>
<p>There is no sound through the headphones.</p> <p>(See below for intermittent, static, or poor quality sound.)</p>	<ul style="list-style-type: none"> <li>• Make sure headphones are fully inserted into the jack on the CardioVision controller.</li> <li>• Press the “audio” button on the CardioVision controller to make sure the correct audio source is selected.</li> <li>• Press and hold the volume up button on the CardioVision controller to make sure the volume is set to an audible level. (The volume level bars will NOT move on the screen when changing the volume with the CardioVision control unit.</li> <li>• Press and hold the master volume up button located on right of the screen to make sure the level is set to the highest point. (Volume level bars will display on the screen and should be set in the 45 to 50 range.)</li> <li>• Make sure the TV sound is not set to mute.</li> <li>• Make sure that in the cable with the 3.5mm stereo jack on the end is plugged into the terminal marked with the picture of the headphones under it.</li> </ul>

<p>Poor sound quality through headphones or only comes from one ear. (left or right channel not working.)</p>	<ul style="list-style-type: none"> <li>• Press the audio button on the CardioVision controller to make sure the correct audio source is selected.</li> <li>• Make sure headphone plug is fully inserted into the jack on the CardioVision control unit.</li> <li>• Make sure the Cat-5 coiled cord that runs between the screen and the controller is connected properly at both ends and is not cut or damaged.</li> <li>• Try “jiggling” the headphone plug while in the jack. If sound “crackles” or cuts on and off, it is likely that the jack in the CardioVision control unit is worn and needs to be replaced. Please contact your dealer or CardioVision direct for a replacement.</li> </ul>
<p>Sound comes from the TV speakers, but not the headphones.</p>	<ul style="list-style-type: none"> <li>• Make sure that in the cable with the 3.5mm stereo jack on the end is plugged into the terminal marked with the picture of the headphones under it.</li> </ul>

<p>TV screen does not respond when buttons are pressed on the CardioVision control unit.</p>	<ul style="list-style-type: none"> <li>• Make sure the Cat-5 coiled cord that runs between the screen and the controller is connected properly at both ends and is not cut or damaged.</li> <li>• Check the RJ-45 jack (the phone-jack looking plug) on the back of the controller unit for corrosion, foreign matter or damage. If so, try cleaning the jack with a cotton swab. If the condition still exists contact your dealer or CardioVision for a replacement.</li> <li>• Try swapping the non-functioning control unit with one that you know to be working properly. If the screen functions correctly with the replacement unit, it is likely that the control unit has failed. Please contact your dealer or CardioVision for a replacement.</li> <li>• If none of the above procedures brings the unit to function normally, please contact your dealer or CardioVision for further assistance.</li> </ul>
<p>Picture is not clear, has static or interference. (Was previously working fine.)</p>	<ul style="list-style-type: none"> <li>• Make sure antenna/coax cable has not been disconnected or damaged. If a number of units are affected, check the cable that is common to those units. If all units are affected, check the main cable feed to the facility. Call cable/satellite company to check for service outages in your area.</li> </ul>