



# MODEL C-HOMWA-1

## Connectivity Kit for Welch Allyn<sup>®</sup> Connex<sup>®</sup> Vital Signs Monitors, Welch Allyn<sup>®</sup> Connex<sup>®</sup> Spot Monitors and Connex<sup>®</sup> Integrated Wall Systems



## User Instructions



PELSTAR, LLC 9500 West 55th St. McCook, IL 60525-7110 USA

[www.homscales.com](http://www.homscales.com)

weigh**easier**<sup>®</sup>

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Thank you for purchasing this Health o meter® Professional product. Please read this manual carefully, and keep it for easy reference or training.

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Please register your product for warranty coverage at:  
[www.homscales.com](http://www.homscales.com)

For User Instructions updates and revisions please go to:  
[www.homscales.com](http://www.homscales.com)

## CAUTIONS AND WARNINGS

### When operating this product:

- To prevent injury and damage to your product, please follow these instructions very carefully.
- To prevent injury, as well as product damage during assembly, exercise caution when assembling the product.
- Assemble and operate the product per the enclosed user instructions.
- For accurate weighing, verify before each use the proper operation according to the procedure described in this manual.
- Operating this product at voltages and frequencies other than specified can damage the equipment and will void the warranty.
- Do not use in the presence of flammable or explosive materials.
- If the product becomes damaged, it should not be operated.
- Prior to using this product, inspect the connectors/cord for cracking / fraying, or for broken / bent plug prongs.



WARNING – Electric Shock Hazard. Do not connect an external power supply to the scale. The scale should operate using batteries only when connected to the Connectivity Adapter.



The Connectivity Adapter is intended only as an accessory to other listed medical equipment where the combination has been investigated and tested for leakage current as a system before being put into service.



The “TO SCALE” connector on the Connectivity Adapter is intended for connection to Health o meter scales complying with double insulation requirements of UL60601-1/CSA22.2 No. 601.1.



The “TO CONNEX MONITOR” connector on the Connectivity Adapter is intended for connection to circuits that are not live and that are separated from mains by at least basic insulation as defined by UL60601-1/CSA C22.2 No. 601.1.

**In no event shall Pelstar, LLC be liable for damages or injuries whatsoever arising out of or connected with the assembly, use, or misuse of its products.**

# SPECIFICATIONS/CERTIFICATIONS/CONNECTIVITY/ DISPOSAL

## General


Thank you for purchasing this product. It is important that you read through this manual before installing the product to avoid problems during set-up and use.

The C-HOMWA-1 connectivity kit allows communication between a Health o meter<sup>®</sup> Professional digital scale and the Welch Allyn<sup>®</sup> Connex<sup>®</sup> Vital Signs Monitors, Connex Spot Monitors, and Connex Integrated Wall Systems. The C-HOMWA-1 Connectivity Kit transfers weight data (and height and BMI where available) from the Health o meter<sup>®</sup> Professional digital scale to the display of the Welch Allyn Connex monitor.

## C-HOMWA-1 Product Specifications

Environmental	Operating temperatures: 30°F to 122°F (0°C to 50°C) Storage temperatures: 0°F to 140°F (-18°C to 60°C) Maximum Humidity: 10% - 90% RH
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## Certifications

	Pelstar, LLC has been officially certified as the manufacturer of Health o meter <sup>®</sup> Professional medical devices. The Pelstar, LLC quality assurance system covers the development, production, sales and service of medical products and measuring systems.
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## C-HOMWA-1 Product Connectivity Information

To allow the scale to transmit data to a Welch Allyn<sup>®</sup> Connex<sup>®</sup> device the included hardware must be attached to the scale and the Welch Allyn<sup>®</sup> device. See page 7 for assembly instructions. From the Welch Allyn<sup>®</sup> device, data can be transferred into an EMR. For data to transfer to the EMR, the EMR installed on the user's PC must be included on the list of Welch Allyn EMR partners. Visit [www.welchallyn.com](http://www.welchallyn.com) to view a complete list of EMR partners. Health o meter<sup>®</sup> Professional scales are preconfigured to interface with the following Welch Allyn<sup>®</sup> Connex<sup>®</sup> devices: Connex<sup>®</sup> Spot Monitor, Connex<sup>®</sup> Vital Signs Monitors, Connex<sup>®</sup> Integrated Wall Systems. This connectivity helps minimize medical errors caused by incorrectly copying and recording patient data.

For Health o meter<sup>®</sup> Professional Technical Support call 1-800-638-3722.

**Note:** "CONNEX" is a general trade name for the family of Welch Allyn Connex products including: 6000 Series Vital Signs Monitor, Connex Integrated Wall System and Connex Spot Monitor. Welch Allyn and Connex are registered trademarks of Welch Allyn.

## C-HOMWA-1 Product Disposal



This Health o meter<sup>®</sup> Professional product must be disposed of properly as electronic waste. Follow the national, regional or local regulations which apply to you for disposal of electronic waste or batteries. Do not dispose of this device in the domestic waste stream.

# ASSEMBLY INSTRUCTIONS

## **Before Assembly**

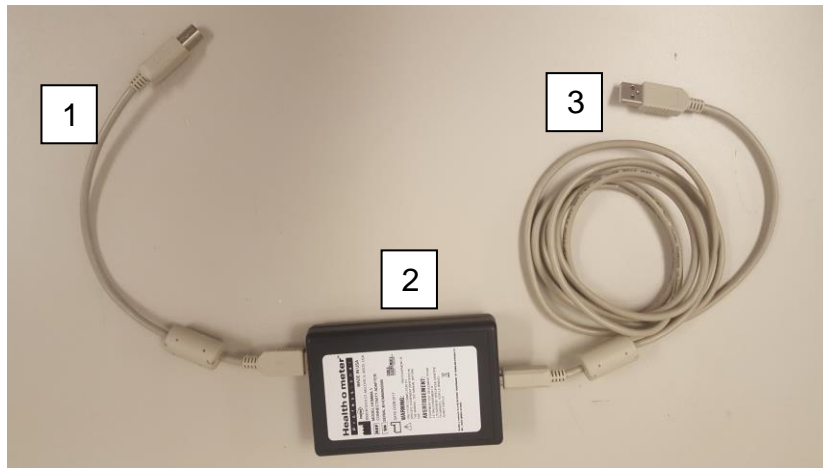
Each C-HOMWA-1 product is shipped disassembled in one carton. Carefully inspect the carton for shipping damage before unpacking. If damage is found, contact your shipper or a Health o meter® Professional representative immediately at 1-800-815-6615. Claims must be filed with the shipper as soon as possible after receipt of the package. The following information details what you will find inside the main carton as you unpack the parts for assembly.

To prevent scratching any components, carefully remove each assembly from the carton and unwrap the packing materials. Set the carton aside for storage. To avoid damaging the product parts when unpacking, do not use a box cutter, knife, scissors, or any sharp object to open the protective inner packaging.

## **Parts List**

**Model C-HOMWA-1 Connectivity Kit, Connex (USB) [For use with Welch Allyn Connex® devices]**

1. 1ft (.31m) USB Cable (Connects Scale to Connectivity Adapter) [Scale Cable]
2. Connectivity Adapter [HOMWA-1]
3. 6.6ft (2m) USB Cable (Connects Connex to Connectivity 05Adapter) [Power Cable]



# ASSEMBLY INSTRUCTIONS (CONT.)

## Mounting the C-HOMWA-1 Adapter

Clean the area where the adapter is to be mounted. Remove the protective film from the Velcro tape on the back of the connectivity adapter and mount the adapter as follows:

1. Obtain the 1ft. USB cable and connect the end of the cable with the ferrite into the "TO SCALE" port on the adapter.

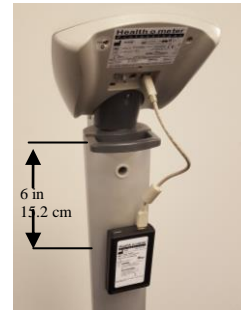
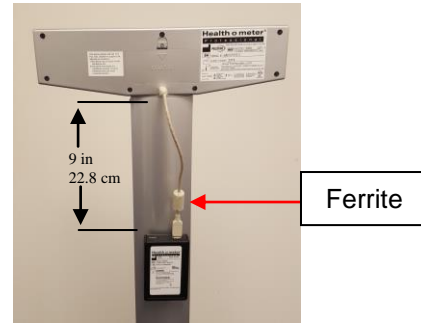
**For Digital Beam Scales:** Mount the adapter with the "TO SCALE" end facing the display head. Do not mount the adapter more than 9"/22.8 cm from the display head.

**For Scales with Pivoting Display Heads:** Mount the adapter with the "TO SCALE" end facing the display head. Do not mount the adapter more than 6" / 15.2 cm from the display head to allow enough cable slack for head to pivot.

**For Scales with Handrails:** Mount the adapter on the handrail bar.

**For Remote Display Scales:** If your display head is mounted onto the wall, mount the adapter on the wall near the display head with the "TO SCALE" end facing upwards.

2. Connect the other end of the 1ft. USB cable to the USB port on the display head. Plug the cable into the USB port on the display head, NOT "PORT 1".



# ASSEMBLY INSTRUCTIONS (CONT.)

## Connecting the C-HOMWA-1 Adapter to a Connex Monitor

1. Obtain the 6.6ft. USB cable and connect the USB-B end of the cable to the "TO CONNEX DEVICE" port on the adapter.



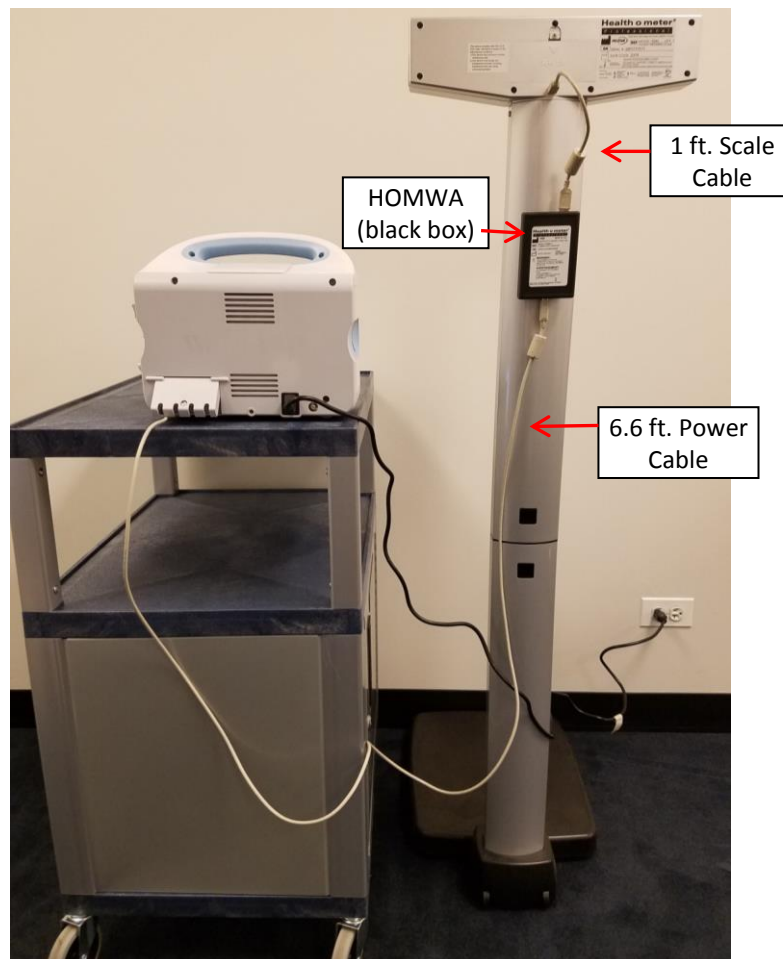
2. Connect the other end of the 6.6ft USB cable to any available USB port on the Welch Allyn Connex monitor.

**Note:** USB port locations may vary based on which Connex monitor is being used.



## Set-Up Illustration

500KL scale shown for illustrative purposes only. Set-up is the same for other digital scales.



# SET-UP / OPERATING INSTRUCTIONS

## **Activating the Weight Scale License on the Welch Allyn Device**

The weight scale license must first be activated on the Welch Allyn Connex Vital Signs Monitor or Connex Integrated Wall System. Note: no license key is required for the Connex Spot Monitor.

To enable weight scale communication on the Welch Allyn device, follow these steps.

1. Connect the Welch Allyn device to a PC to access the Welch Allyn Service Tool. This service tool either comes with the Welch Allyn device or can be downloaded at [www.welchallyn.com/en/service-support/service-center/service-tool.html](http://www.welchallyn.com/en/service-support/service-center/service-tool.html).
2. Follow the prompts in the Service Tool to activate the weight scale license.
3. Activate the license by entering the authorization code A66FF29A3B2F85E1.

**Note:** To connect the Welch Allyn device to a PC, you will need a mini USB cable (this is not supplied by Health o meter® Professional).

**Note:** Ensure that the Connex monitor is configured to automatically display weight, height and BMI measurements. For more information, see the Welch Allyn Connex monitor Directions for Use.

## **Initializing Communication Between the Scale and the C-HOMWA-1 Connectivity Adapter**

The C-HOMWA-1 Connectivity Adapter works with a variety of Health o meter® Professional digital scales. In order to establish a proper communication link between the scale and the Welch Allyn device, the connectivity adapter must recognize the scale it is first connected to. This initialization is accomplished by taking one or more weighings on the scale until a weight is displayed on the Welch Allyn device.

Once this is done, the adapter remembers the scale and does not require initialization even if the Welch Allyn device or Health o meter® Professional scale is disconnected, or powered off and on.

1. Power on the Connex device. Verify that the green “Power” LED is illuminated and the green “Connected” LED on the Connectivity Adapter is blinking. This is an indication that the adapter has power and is communicating with the Connex monitor.
2. Wait for the “Connected” LED on the Connectivity Adapter to illuminate and blink. This is an indication that the scale is communicating with the Connectivity Adapter.
3. Following the weighing instructions in the scale’s user manual, complete 1 or 2 weight measurements. After the scale has stabilized and locked, the weight measurement is transferred to the Connex monitor.
4. Check that the weight measurement is displayed under the Weight label on the Connex device Home tab. If a weight measurement is displayed, the adapter has initialized and has established a communication link between the scale and the Connex device. If not, weigh yourself one or two more times until the weight is displayed on the Connex device.

**Note:** When a measurement is transferred from the scale to the Connex device, the measurement displayed on the device is within one decimal place (0.1) of the measurement displayed by the scale.



# TROUBLESHOOTING

## **Troubleshooting**

Before contacting service personnel, refer to the following instructions to check and to correct any failures.

Symptom	Possible Cause	Corrective Action
No weight displayed on monitor	<ol style="list-style-type: none"> <li>1. Bad cable connection.</li> <li>2. Connectivity adapter hasn't initialized.</li> <li>3. Weight scale license is not enabled on the Connex device.</li> <li>4. Weight, height, or BMI is not displayed on Connex device.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure cable plugs are fully inserted into ports.</li> <li>2. See Assembly Instructions on pages 5-7.</li> <li>3. Enable the weight scale communication license on the device (See Set-up Instructions on page 8).</li> <li>4. Configure the device to display weight, height and BMI. Refer to the Welch Allyn Connex device Directions for Use.</li> </ol>
"Power" LED on C-HOMWA-1 connectivity adapter not lit.	<ol style="list-style-type: none"> <li>1. Bad cable connection to Welch Allyn device.</li> <li>2. No power to connectivity adapter.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure cable plugs are fully inserted into ports.</li> <li>2. Power on the Connex device.</li> </ol>
"Connected" LED on "TO CONNEX DEVICE" side of the connectivity adapter not blinking	Poor connectivity adapter/device power up sequence.	Power off and on the Connex device.
"Connected" LED on "TO SCALE" side of the connectivity adapter not blinking	<ol style="list-style-type: none"> <li>1. Bad cable connection to scale.</li> <li>2. Connectivity adapter is not powered on.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure cable plugs are fully inserted into scale ports.</li> <li>2. Power on Connex device to power the connectivity adapter. Make sure the USB cable is plugged into the "TO CONNEX DEVICE" port of the connectivity adapter</li> </ol>

# WARRANTY

## **2 Year Limited Warranty**

### **What does the Warranty Cover?**

This Health o meter® Professional product is warranted from date of purchase against defects of materials or in workmanship for a period of two (2) years. If product fails to function properly, return the product, freight prepaid and properly packed to Pelstar, LLC (see "To Get Warranty Service", below, for instructions). If the manufacturer determines that a defect of material or in workmanship exists, the customer's sole remedy will be replacement of the product at no charge. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. All replaced parts are covered only for the original warranty period.

### **Who is Covered?**

The original purchaser of the product must have proof of purchase to receive warranty service. Please save your invoice or receipt. Pelstar dealers or retail stores selling Pelstar products do not have the right to alter, or modify or in any way change the terms and conditions of this warranty.

### **What is Excluded?**

**Your warranty does not cover normal wear of parts or damage resulting from any of the following:** negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, abuse including tampering, damage in transit, or unauthorized repair or alterations. Further, the warranty does not cover natural disasters, such as fire, flood, hurricanes and tornadoes. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country, state to state, province to province or jurisdiction to jurisdiction.

**To get Warranty Service make sure you keep your sales receipt or document showing proof of purchase.** Call (+1) 800-638-3722 or (+1) 708-377-0600 to receive a return authorization (RA) number, which must be included on the return label. Attach your proof of purchase to your defective product along with your name, address, daytime telephone number and description of the problem. Carefully package the product and send with shipping and insurance prepaid to:

Pelstar, LLC  
Attention R/A# \_\_\_\_\_  
Return Department  
9500 West 55<sup>th</sup> Street  
McCook, IL 60525



**PELSTAR, LLC**

**9500 West 55<sup>th</sup> Street • McCook, IL 60525 • USA**

**1-800-638-3722 or 1-708-377-0600**

PLEASE REGISTER YOUR PRODUCT FOR WARRANTY COVERAGE AT:

[www.homscales.com](http://www.homscales.com)

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