



MODEL C-HOMWA-1 CONNECTIVITY KIT, CONNEX (USB)



User Instructions

P/N UMC_HOMWA_1 Rev20170810

Thank you for your purchase of 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

For User Instructions updates and revisions please go to:
www.homscales.com

CAUTION AND WARNING

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.

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 kits allow communication between the Health o meter[®] Professional product and the Welch Allyn[®] Connex[®] Vital Signs Monitors, Connex Spot Monitors, and Connex Integrated Wall Systems. The C-HOMWA-1 Connectivity Kit transfers weight, height and BMI data from the Health o meter[®] Professional digital scale to the display of the Welch Allyn Connex monitor.

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 [®] 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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HOMWA-1 Product Connectivity Information

To enable reliable transmission of weight, height, and Body Mass Index (BMI) data, this product is designed to connect to a computer, monitor, or other electronic device via a built-in USB port. This connectivity helps minimize medical errors caused by incorrectly copying and recording patient data.

This product is EMR-EHR compatible. For more information regarding how to connect this product to other electronic devices, please contact Health o meter[®] Professional Products Technical Support, available during normal business hours at 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.

HOMWA-1 Product Disposal



This Health o meter[®] 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.

HOMWA-1 ASSEMBLY INSTRUCTIONS

Before Assembly

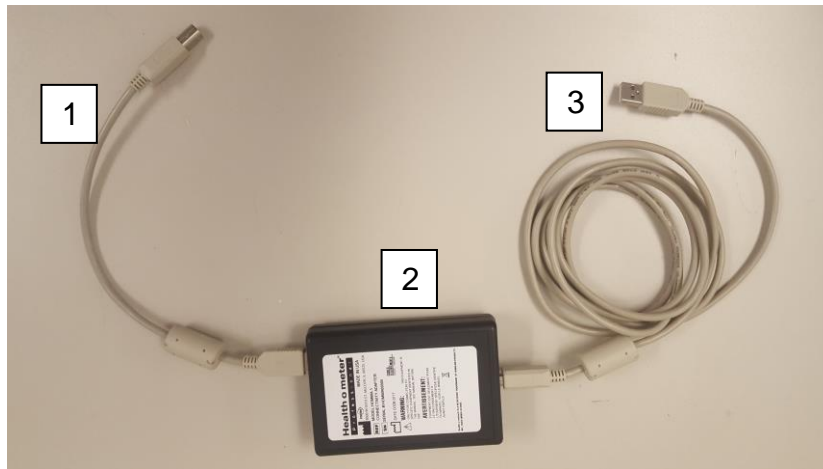
Each HOMWA-1 product is shipped disassembled in one carton. Carefully inspect the carton for shipping damage before unpacking. If damage is found, contact your shipper or a Health o meter® Professional representative immediately at 1-800-815-6615. Claims must be filed with the shipper as soon as possible 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® vital signs monitors]

1. 1ft (.31m) USB Cable (Connects Scale to Adapter) [SP62941]
2. Connectivity Adapter [HOMWA-1]
3. 6.6ft (2m) USB Cable (Connects Connex to Adapter) [SP62979]



HOMWA-1 ASSEMBLY INSTRUCTIONS (CONTINUED)

Mounting the 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:

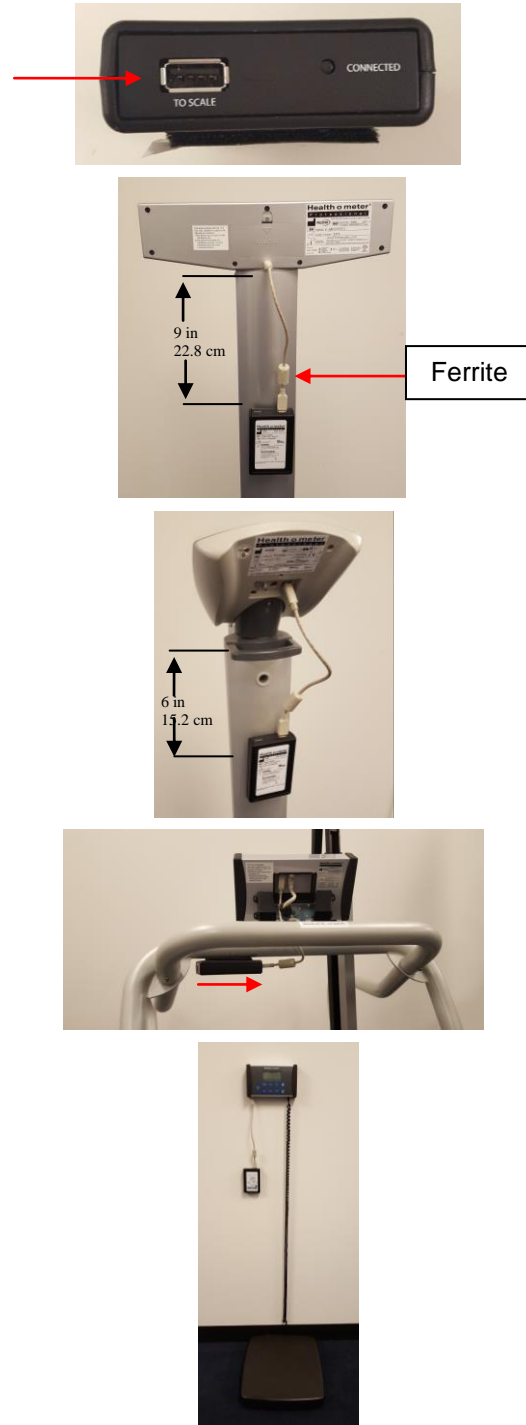
1. Obtain the 1ft. USB cable and connect the end of the cable with the ferrite into the "TO SCALE" port on the adapter.

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 with the "TO SCALE" end facing the display head.

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.

HOMWA-1 ASSEMBLY INSTRUCTIONS (CONTINUED)

Connecting the HOMWA-1 Adapter to a Connex Monitor

1. Obtain the 6.6ft. USB cable and connect the end of the cable with the ferrite 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.



SETUP / OPERATING INSTRUCTIONS

Initializing Communication Between the Scale and the Adapter

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

Note: Ensure that the license enabling communication between the Connex monitor and the scale is active. For instructions on enabling the weight scale communication license, see the Welch Allyn Service Tool Installation and Configuration Guide that came with your Connex monitor.

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.

1. Power on the Connex monitor. 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. Power on the Health o meter[®] Professional scale and wait for the "Connected" LED on the Connectivity Adapter illuminates and blinks. 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 monitor Home tab. If a weight measurement is displayed, the adapter has initialized and has established a communication link between the scale and the Connex monitor. If not, weigh yourself one or two more times until the weight is displayed on the Connex monitor.

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

MAINTENANCE

Maintenance

The following pages provide instructions for maintenance, cleaning, and troubleshooting for the HOMWA-1 product. Maintenance operations other than those described in this manual should be performed by qualified service personnel.

Caution: Before first use, or after long periods of non-use, check the product for proper operation and function. If the product does not operate correctly, refer to qualified service personnel.

1. Check overall appearance of the total product for any obvious damage, wear, and tear.
2. Inspect the condition of the cables connected to the adapter for cracking, fraying, or broken/bent prongs.

Cleaning

Proper care and cleaning is essential to ensure a long life of accurate and effective operation.

Caution: Disconnect the product from the scale prior to cleaning the unit.

1. Clean all external surfaces with a clean damp cloth or tissue. Mild antimicrobial or antibacterial soap and water solution may be used. Dry with a clean soft cloth.
2. Do not immerse the product into cleaning or other liquid solutions.
3. Do not use Isopropyl Alcohol or other solutions to clean the surface.
4. Do not use abrasive cleaners.

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"> 1. Bad cable connection. 2. Adapter hasn't initialized. 3. Weight scale license is not enabled on the Connex monitor. 4. Weight, height, or BMI is not displayed on Connex monitor. 	<ol style="list-style-type: none"> 1. Ensure cable plugs are fully inserted into ports. 2. See "Set Up" instructions on page 8. 3. Enable the weight scale communication license on the device (See Welch Allyn Service Tool Installation and Configuration Guide). 4. Configure the monitor to display weight,
"Power" LED on Adapter not lit.	<ol style="list-style-type: none"> 1. Bad cable connection to monitor. 2. No power to Adapter. 	<ol style="list-style-type: none"> 1. Ensure cable plugs are fully inserted into ports. 2. Power on the Connex monitor.
"Connected" LED on "TO CONNEX DEVICE" side of the Adapter not blinking	Poor Adapter/monitor power up sequence.	Power off and on the Connex monitor.
"Connected" LED on "TO SCALE" side of the Adapter not blinking	<ol style="list-style-type: none"> 1. Bad cable connection to scale. 2. Adapter is not powered on. 	<ol style="list-style-type: none"> 1. Ensure cable plugs are fully inserted into scale ports. 2. Power on Connex monitor to power the Adapter. Make sure the USB cable is plugged into the "TO CONNEX DEVICE" port of the Adapter

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 55th Street
McCook, IL 60525



PELSTAR, LLC

9500 West 55th 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

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