

Health o meter[®]

P r o f e s s i o n a l

MODEL L-HOMWA-1 CONNECTIVITY KIT, LXi (RS-232)



User Instructions



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.

TABLE OF CONTENTS

Cautions and Warnings.....	3
Specifications for This Product	4
Certifications / Disposal	5
Assembly Instructions HOMWA-1 Product	6
Setup/Operating Instructions	8
Maintenance	9
Troubleshooting	10
Warranty	11

Please register your product for warranty coverage at:

www.homscases.com

For User Instructions updates and revisions please go to:

www.homscases.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.
- 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 until properly serviced. All repairs should only be performed by authorized Health o meter[®] Professional service personnel.
- Prior to using this product, inspect the connectors/cord for cracking / fraying, or for broken / bent plug prongs.
- These devices comply with CISPR 11, FCC Part 15, and ICES-003 radiated emissions requirements. This device does not cause harmful interference, and will accept any interference received, without causing undesired operation.



WARNING – Electric Shock Hazard. Do not connect an external power supply to the scale. The scale should operate on batteries only when used with 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 LXi” connector on the Connectivity Adapter is intended only for connection to connectors of equipment complying with double insulation requirements of UL60601-1/CSA22.2 No.601.1



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.

SPECIFICATIONS FOR THIS PRODUCT

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 L-HOMWA-1 connectivity kit allows communication between the Health o meter[®] Professional product and the Welch Allyn Spot Vital Signs[®] LXi monitor. The L-HOMWA-1 Connectivity Kit transfers weight data from the Health o meter[®] Professional digital scale to the display of the Welch Allyn Spot Vital Signs[®] LXi device.

HOMWA-1 Product Specifications

Model L-HOMWA-1 Connectivity Kit, LXi (RS-232) [For use with Welch Allyn Spot Vital Signs[®] LXi device]

- 1 - HOMWA-1 Connectivity Adapter
- 1 - SP62941 1ft (.31m) USB Cable (Connects Scale to Adapter)
- 1 - CSMN9MF-5 5ft (1.5m) D-Sub Cable (Connects LXi to Adapter)
- 1 - UMHOMWA User Instructions (on CD)

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 / DISPOSAL

Certification Descriptions

	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.
	This product is tested to and meets the requirements of: 1. UL60601-1 First Edition: Safety for Medical Electrical Equipment 2. CSA C22.2 No. 601-1 M90: Medical Electrical Equipment

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 L-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 L-HOMWA-1 Connectivity Kit, LXi (RS-232) [For use with Welch Allyn Spot Vital Signs® LXi device]

1 - HOMWA-1	Connectivity Adapter
1 - SP62941	1ft (.31m) USB Cable (Connects Scale to Adapter)
1 - CSMN9MF-5	5ft (1.5m) RS232 Cable (Connects LXi to Adapter)
1 - UMHOMWA	User Instructions

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:

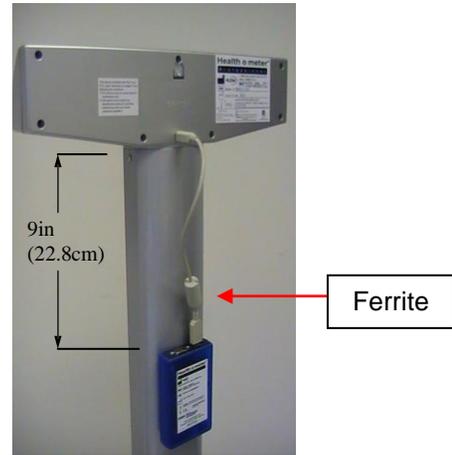
1. Obtain the 1ft. USB cable and connect the end of the cable with the ferrite into the "TO SCALE" port on the adapter.

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



Digital Beam Scales



Scales with Pivoting Display Heads



Scales with Handrails



Scales with Remote Displays

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 Adapter: L-HOMWA-1 Connectivity Kit, LXi (RS-232)

1. Using the CSMN9MF-5, RS232 5 foot serial cable, connect the "TO LXi" DB-9 connector on the adapter to the DB-9 connector (labeled 1) on the back of the Welch Allyn Spot Vital Signs LXi device.

SETUP/OPERATING INSTRUCTIONS

Initializing Communication Between the Scale and the Adapter

The L-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.

Note: On the vital signs monitor, ensure the Weight Scale option is enabled in the External Devices menu. For more information, see the Internal Configuration section of the Spot Vital Signs LXi Directions for Use.

1. Power on the Welch Allyn Spot LXi. Note that the "Power" and "Connected" LEDs on the Connectivity Adapter will not be illuminated.
2. Power on the Health o meter[®] Professional scale and wait for zero to display.
3. Weigh yourself by following the procedures for weighing. After the scale has stabilized and locked, the weight measurement is transferred to the LXi device.
4. Check the LXi device for a weight measurement. If a weight measurement is displayed, the adapter has initialized and has established a communication link between the scale and the LXi device. If not, weigh yourself one or two more times until the weight is displayed on the LXi device.
5. Follow the procedures for scale and LXi device use.

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 is essential to ensure a long life of accurate and effective operation. This device should be kept dry and may be wiped off with a dry or lightly moistened cloth as needed.

TROUBLESHOOTING

Troubleshooting

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

Welch Allyn Spot Vital Signs LXi Device

Symptom	Possible Cause	Corrective Action
No weight displayed on monitor.	<ol style="list-style-type: none">1. Bad cable connection.2. Wrong connection to LXi.3. Adapter hasn't initialized.4. Weight scale option is not enabled.	<ol style="list-style-type: none">1. Ensure cable plugs are fully seated in their respective jacks.2. Ensure cable is plugged into connector labeled 1 on LXi.3. See page 8 for Initialization instructions.4. Enable the weight scale option in the External Devices menu. See the Internal Configuration section of the Spot Vital Signs LXi Directions for

WARRANTY

2 Year Limited Warranty

What does the Warranty Cover?

Health o meter® Professional products are 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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