

Nasco LF01172U

Nasco Life/form Auscultation Trainer and Smartscope System User Manual

Model: LF01172U

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of the Nasco Life/form Auscultation Trainer and Smartscope and Amplifier/speaker System, Model LF01172U. This system is designed to facilitate the learning and practice of auscultation skills, allowing users to identify various heart and lung sounds.

SAFETY INFORMATION

- Read all instructions before operating the system.
- Keep the system away from water or excessive moisture.
- Use only the power adapter supplied with the unit.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the amplifier/speaker system.

PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- Life/form Auscultation Trainer Torso
- Smartscope
- Amplifier/Speaker System
- Remote Control Unit
- Power Adapter
- Instruction Manual (this document)
- Auscultation Site Map

SETUP

1. **Place the Trainer:** Position the Life/form Auscultation Trainer torso on a stable, flat surface.
2. **Connect Amplifier/Speaker:** Connect the amplifier/speaker system to a power source using the provided power adapter.
3. **Connect Smartscope:** Plug the Smartscope into the designated port on the amplifier/speaker system.
4. **Remote Control:** Ensure the remote control unit has fresh batteries installed. The remote is used to select and control the auscultation sounds.



Image Description: This image displays the Nasco Life/form Auscultation Trainer system in use and its key components. In the upper portion, a person in a white lab coat is using the Smartscope on the chest of a tan-colored torso mannequin, simulating a patient. Another person stands nearby, holding the remote control unit. The lower left shows a diagram illustrating anterior and posterior heart and lung auscultation sites on a human torso. The lower right shows the Smartscope connected to an amplifier/speaker unit, alongside the remote control.

OPERATING INSTRUCTIONS

1. **Power On:** Turn on the amplifier/speaker system.
2. **Select Sound:** Use the remote control unit to select the desired heart or lung sound. The remote typically has buttons for different sound categories and specific sounds within those categories.
3. **Auscultate:** Place the diaphragm of the Smartscope on the appropriate auscultation site on the trainer's torso. Refer to the included Auscultation Site Map for correct placement.
4. **Listen:** Listen to the selected sound through the Smartscope. The amplifier/speaker system will project the sound, allowing multiple users to hear simultaneously.
5. **Adjust Volume:** Adjust the volume using the controls on the amplifier/speaker system or the remote control.
6. **Change Sounds:** Use the remote to switch between different heart and lung sounds for varied practice scenarios.

MAINTENANCE

- **Cleaning:** Wipe the trainer torso and Smartscope with a damp cloth and mild soap. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the system in a cool, dry place away from direct sunlight when not in use.
- **Battery Replacement:** Replace batteries in the remote control unit as needed.
- **Cable Care:** Avoid kinking or sharply bending cables to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from Smartscope/Speaker	Power not connected Volume too low Smartscope not properly connected Remote control batteries low	Ensure power adapter is plugged in and unit is turned on. Increase volume on amplifier/speaker or remote. Check Smartscope connection to amplifier/speaker. Replace remote control batteries.
Incorrect sound playing	Wrong sound selected on remote Smartscope not on correct auscultation site	Re-select desired sound using the remote control. Verify Smartscope placement using the Auscultation Site Map.
Remote control unresponsive	Low or dead batteries Obstruction between remote and receiver	Replace batteries. Ensure clear line of sight between remote and amplifier/speaker.

SPECIFICATIONS

- **Model:** LF01172U
- **Product Type:** Auscultation Trainer System
- **Components:** Trainer Torso, Smartscope, Amplifier/Speaker, Remote Control
- **Power Source:** AC Adapter (specific voltage/current not provided)
- **Manufacturer:** Nasco
- **Date First Available:** February 2, 2022

WARRANTY AND SUPPORT

Specific warranty information for the Nasco Life/form Auscultation Trainer and Smartscope System, Model LF01172U, is not provided in this document. Please refer to the official Nasco website or contact Nasco customer support for detailed warranty terms and technical assistance.

For further support, visit the [Nasco Store on Amazon](#) or the official Nasco website.

