

Welch Allyn WEL5079-325P

Welch Allyn Harvey DLX Pediatric Stethoscope User Manual

INTRODUCTION

The Welch Allyn Harvey DLX Stethoscope is engineered to enhance auscultation capabilities by accentuating critical cardiac, pulmonary, and vascular sounds. Its design incorporates dual-bore tubing and optimally weighted brass chest pieces to transmit a full range of physical sounds, providing clear and crisp sound without relying on complex variable-pressure techniques. This manual provides essential information for the proper setup, operation, and maintenance of your Harvey DLX Pediatric Stethoscope.

KEY FEATURES

- New longer 28" length for full-range cardiology/pulmonary auscultation.
- Double-head chest piece featuring a brass bell and a flat diaphragm.
- Specifically designed pediatric chest pieces.
- Durable chrome-plated brass chest pieces and binaural.
- Rotatable binaural and interchangeable comfort sealing ear tips for optimal fit.

PRODUCT COMPONENTS



Image: The Welch Allyn Harvey DLX Pediatric Stethoscope, featuring black tubing, chrome-plated binaural, and a double-head chest piece with a bell and flat diaphragm.

The Welch Allyn Harvey DLX Pediatric Stethoscope consists of several key components:

- **Chest Piece:** A double-head design with a brass bell for low-frequency sounds and a flat diaphragm for high-frequency sounds.
- **Tubing:** Dual-bore, 28-inch black tubing designed to maintain two uninterrupted sound channels.
- **Binaural:** Chrome-plated brass ear tubes that connect the tubing to the ear tips, designed to be rotatable for comfort.
- **Ear Tips:** Interchangeable, comfort-sealing ear tips that provide an acoustic seal and comfortable fit.

SETUP AND ASSEMBLY

Follow these steps for initial setup:

1. **Inspect Components:** Carefully unpackage all components and inspect for any damage.
2. **Attach Ear Tips:** Ensure the comfort-sealing ear tips are securely attached to the binaural. Select the size that provides the best acoustic seal and comfort.
3. **Adjust Binaural Tension:** The binaural can be adjusted for tension by gently pulling the ear tubes apart or pushing them together. Adjust until a comfortable and secure fit is achieved.
4. **Select Chest Piece Side:** The double-head chest piece allows you to switch between the bell and the diaphragm. Rotate the chest piece 180 degrees until it clicks into place to select the desired side for auscultation. The side that is open will transmit sound.

OPERATING INSTRUCTIONS

To effectively use your Welch Allyn Harvey DLX Pediatric Stethoscope:

1. **Position Ear Tips:** Place the ear tips into your ears, ensuring they point forward, aligning with your ear canals for an optimal acoustic seal.
2. **Select Chest Piece:** Rotate the chest piece to activate either the bell (for low-frequency sounds like heart murmurs) or the diaphragm (for high-frequency sounds like lung and bowel sounds).
3. **Place Chest Piece:** Gently place the active side of the chest piece firmly against the patient's skin in the area you wish to auscultate.
4. **Listen:** Concentrate on the sounds. The Harvey DLX is designed to provide clear sound transmission, allowing for accurate assessment.

MAINTENANCE AND CARE

Proper maintenance ensures the longevity and performance of your stethoscope:

- **Cleaning:** Regularly clean the ear tips and chest piece with a 70% isopropyl alcohol solution or a mild soap and water solution. Wipe thoroughly with a soft cloth.
- **Tubing Care:** The tubing can be wiped clean with a mild soap and water solution. Avoid immersing the stethoscope in any liquid.
- **Avoid Harsh Chemicals:** Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the stethoscope components.
- **Storage:** Store your stethoscope in a clean, dry place, away from extreme temperatures, direct sunlight, and sharp objects that could puncture the tubing.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Faint or no sound	<ul style="list-style-type: none">• Ear tips not sealed properly• Tubing obstruction or damage• Chest piece not activated	<ul style="list-style-type: none">• Ensure ear tips are securely in place and correctly oriented.• Check tubing for cracks, kinks, or blockages.• Rotate chest piece 180 degrees to activate the desired side.
Uncomfortable fit	<ul style="list-style-type: none">• Binaural tension too tight or loose• Incorrect ear tip size	<ul style="list-style-type: none">• Adjust binaural tension by gently pulling apart or pushing together the ear tubes.• Try different sized ear tips for a better fit.







SPECIFICATIONS

- **Model Number:** WEL5079-325P
- **Product Dimensions:** 12 x 12 x 12 inches
- **Item Weight:** 1.05 Pounds
- **Tubing Length:** 28 inches
- **Chest Piece Type:** Double-head (brass bell and flat diaphragm)
- **Binaural Material:** Chrome-plated brass
- **Manufacturer:** Welch Allyn

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Welch Allyn Harvey DLX Pediatric Stethoscope, please contact Welch Allyn customer service directly. You can reach them at **1-800-535-6663** or visit their official website for the most current support resources and contact details.

Related Documents - WEL5079-325P

	<p>Welch Allyn HScrite: Uživatelská příručka pro analýzu Holterova monitorování</p> <p>Tato uživatelská příručka poskytuje podrobné informace o systému Welch Allyn HScrite pro analýzu Holterova monitorování, včetně instalace, provozu, údržby a řešení problémů.</p>
	<p>Welch Allyn Connex Spot Monitor Upute za uporabu</p> <p>Ovaj dokument pruža detaljne upute za uporabu Welch Allyn Connex Spot Monitor uređaja, uključujući postavljanje, rad, upravljanje podacima o pacijentu, alarme i rješavanje problema.</p>
	<p>Welch Allyn® HScrite™ System analizy holterowskiej Instrukcja obsługi</p> <p>Instrukcja obsługi systemu analizy holterowskiej Welch Allyn HScrite, zawierająca informacje o instalacji, konfiguracji, obsłudze, analizie danych EKG i raportowaniu dla profesjonalistów medycznych. Dokument obejmuje funkcje systemu, bezpieczeństwo użytkowania oraz rozwiązywanie problemów.</p>
	<p>Welch Allyn HScrite Holter Analiz Sistemi Kullanıcı Kılavuzu</p> <p>Welch Allyn HScrite Holter Analiz Sistemi için kapsamlı kullanıcı kılavuzu. Tıbbi profesyoneller için kurulum, kullanım, bakım ve sorun giderme bilgilerini içerir.</p>
	<p>Welch Allyn 719 Series Lithium Ion Handle - Instructions for Use</p> <p>Comprehensive instructions for use, safety warnings, specifications, and maintenance for the Welch Allyn 719 Series Lithium Ion Handle, designed for powering various 3.5V Welch Allyn medical instruments.</p>
	<p>Welch Allyn CP 150 12-Lead Resting Electrocardiograph: Directions for Use</p> <p>This manual provides comprehensive instructions for the Welch Allyn CP 150 12-lead resting electrocardiograph, covering setup, operation, maintenance, troubleshooting, and compliance information for healthcare professionals.</p>

