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› DriSentry YH-A8 Silk Dome Tweeters Instruction Manual

## DriSentry YH-A8

# DriSentry YH-A8 Silk Dome Tweeters Instruction Manual

Model: YH-A8

## 1. INTRODUCTION

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Thank you for choosing DriSentry YH-A8 Silk Dome Tweeters. These high-efficiency mini dome tweeters are designed to enhance your car audio system with clear and detailed high-frequency sound reproduction. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your tweeters.

# 150W MAX

## YH-A8



More Real



Positioning Well



High Power  
Resistance



Strong Rebound

Image: DriSentry YH-A8 Silk Dome Tweeters. This image displays two tweeters, highlighting their compact design and the model number YH-A8 with a 150W maximum power rating.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installing and operating the tweeters. Failure to follow these guidelines may result in damage to the product, your vehicle, or personal injury.

- **Professional Installation Recommended:** If you are unsure about any part of the installation process, consult a qualified car audio technician.
- **Power Disconnection:** Always disconnect the vehicle's battery negative terminal before beginning any electrical work to prevent short circuits and electrical hazards.
- **Wiring:** Ensure all wiring is correctly connected according to polarity. Incorrect wiring can damage the tweeters or your car's audio system.
- **Voltage:** These tweeters are designed for 12V DC car audio systems. Do not connect to higher voltage sources.
- **Secure Mounting:** Mount the tweeters securely to prevent them from becoming loose during vehicle operation, which could cause distraction or injury.

- **Avoid Overpowering:** While rated for 150W maximum, continuous overpowering can lead to damage. Use an amplifier that matches the tweeter's rated power.
- **Check Car Horn Lines:** Before installation, carefully check the car horn lines. If grounding or colliding, reconnect the lines before linking the tweeters to prevent damage.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 2 x DriSenti YH-A8 Silk Dome Tweeters
- Mounting Screws (if included with your specific package)

### 4. FEATURES

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- **High Efficiency Dome Tweeter:** Delivers clear and detailed high-frequency sound.
- **Compact Design:** Allows for flexible installation in various locations.
- **Built-in Crossover:** Simplifies installation by managing frequency distribution.
- **Durable Construction:** Made from quality ABS and metal materials for longevity and corrosion resistance.
- **Non-Magnetic Field:** Safe for use near tapes and credit cards.
- **Wide Compatibility:** Suitable for all 12V DC car audio systems.

## Superior ABS Compression net cover

Strong corrosion resistance and better treble protection



ABS Shell



Corrosion resistance



Shockproof

Image: Superior ABS Compression Net Cover. This image highlights the durable ABS material used for the tweeter's protective cover, emphasizing its corrosion resistance and shockproof properties.

## 5. SETUP AND INSTALLATION

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The DriSentry YH-A8 tweeters are designed for straightforward installation. Follow these general steps:

1. **Plan Placement:** Determine the optimal location for your tweeters. Common locations include dashboard corners, A-pillars, or door panels. Consider sound staging and ease of wiring.
2. **Disconnect Power:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
3. **Prepare Mounting Location:** If flush mounting, carefully cut a hole of the appropriate size (refer to specifications for dimensions). Ensure there is enough depth behind the mounting surface. If surface mounting, use the provided brackets (if applicable) and screws.
4. **Wiring:** Connect the tweeter wires to your car audio system. The tweeters have a built-in crossover, simplifying the wiring process. Ensure correct polarity (positive to positive, negative to negative) to avoid phase issues. The red wire typically indicates positive (+), and the black wire indicates negative (-).
5. **Secure Tweeters:** Mount the tweeters firmly using the provided screws or mounting hardware. Ensure they are stable and will not vibrate loose.
6. **Reconnect Power:** Once installation is complete and all connections are secure, reconnect the vehicle's battery negative terminal.
7. **Test System:** Turn on your car audio system and test the tweeters at a low volume. Gradually increase the volume to ensure proper operation and sound quality.



Image: Car Interior Installation Points. This image illustrates various suitable locations for tweeter installation within a car's cabin, such as the A-pillar (A, B, C) and door panels (D, E).

## 6. OPERATING INSTRUCTIONS

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DriSentry YH-A8 Silk Dome Tweeters are passive components designed to reproduce high frequencies within your car audio system. Once properly installed and connected to an amplifier or head unit, they operate automatically as part of your sound system.

- **Audio Source:** Play audio from your car's head unit or connected media device.
- **Volume Control:** Adjust the volume through your car's head unit. Avoid excessively high volumes for prolonged periods to prevent damage to the tweeters and your hearing.
- **Tone Adjustments:** Use your head unit's equalizer or tone controls (bass, treble, balance, fader) to fine-tune the sound to your preference. The tweeters are specifically designed for clear treble reproduction.
- **System Integration:** The built-in crossover ensures that only high-frequency signals are sent to the tweeters, optimizing their performance and protecting them from lower frequencies they are not designed to reproduce.

## 7. MAINTENANCE

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The DriSentry YH-A8 tweeters require minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Gently wipe the tweeter grilles and surfaces with a soft, dry cloth to remove dust. Do not use harsh chemicals, abrasive cleaners, or excessive moisture.
- **Inspection:** Periodically check the mounting points and wiring connections to ensure they remain secure.
- **Avoid Physical Damage:** Protect the tweeters from direct impact or pressure, which can damage the delicate dome.
- **Environmental Factors:** While designed for car environments, extreme temperatures or prolonged direct sunlight can affect performance and lifespan.

## 8. TROUBLESHOOTING

If you experience issues with your DriSentry YH-A8 tweeters, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from tweeters	<ul style="list-style-type: none"> <li>◦ Loose or incorrect wiring connection</li> <li>◦ Blown fuse in the audio system</li> <li>◦ Head unit or amplifier issue</li> <li>◦ Damaged tweeter</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check all wiring connections for security and correct polarity.</li> <li>◦ Inspect the audio system's fuses and replace if necessary.</li> <li>◦ Test with another known-working speaker or audio source.</li> <li>◦ Contact customer support if the tweeter is confirmed damaged.</li> </ul>
Distorted or poor sound quality	<ul style="list-style-type: none"> <li>◦ Overpowering the tweeters</li> <li>◦ Incorrect audio settings (equalizer)</li> <li>◦ Loose mounting</li> <li>◦ Damaged tweeter</li> </ul>	<ul style="list-style-type: none"> <li>◦ Reduce volume or amplifier gain.</li> <li>◦ Adjust equalizer settings on your head unit.</li> <li>◦ Ensure tweeters are securely mounted.</li> <li>◦ Contact customer support if the tweeter is confirmed damaged.</li> </ul>
Intermittent sound	<ul style="list-style-type: none"> <li>◦ Loose wiring connection</li> <li>◦ Vibration issues</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check and secure all wiring connections.</li> <li>◦ Ensure tweeters are firmly mounted and not vibrating against other surfaces.</li> </ul>

## 9. SPECIFICATIONS

Technical specifications for the DriSentry YH-A8 Silk Dome Tweeters:

Feature	Detail
Model	YH-A8 (also referred to as CSA_10Y)
Speaker Type	Tweeter
Rated Power	35W
Maximum Music Power	150W
Electrical Impedance	4Ω
Voltage	12V DC

Feature	Detail
Frequency Range (Hz)	80Hz - 22KHz
Sensitivity	91dB (+/- 1.5dB)
AVS Voice Coil	20mm
Material Type	ABS + Metal
Diameter	56mm / 2.20in
Height	24mm / 0.94in
Item Weight	11.6 ounces (per pair)



V. c Size: 25mm	Model:
Electrical Impedance: 4Ω	Material: Metal + plastic
Voltage: 12V	Rated Power: 35W
Frequency Response: 80Hz - 22KHz	Max Music Power: 150W
Sensitivity: 91dB(+/- 1.5dB)	

Image: DriSentry YH-A8 Tweeter Dimensions and Specifications. This image provides a visual representation of the tweeter's physical dimensions and a summary of its key technical specifications.

## 10. WARRANTY INFORMATION

DriSentry products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

## 11. CUSTOMER SUPPORT

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If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact DriSentry customer support or your authorized dealer. Please have your product model number (YH-A8 or CSA\_10Y) and purchase information ready when contacting support.

For further assistance, you may visit the DriSentry brand page on Amazon: [DriSentry Brand Store](#)