

Five Star FSA-5816

Five Star Outdoor HDTV Antenna FSA-5816 User Manual

Model: FSA-5816 | Brand: Five Star

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Five Star Outdoor HDTV Antenna (Model FSA-5816). This antenna is designed to receive 1080p and 4K over-the-air (OTA) television broadcasts, supporting both VHF and UHF signals. It is ATSC 3.0 ready and includes an installation kit with a J-mount and TV splitter, allowing connection to up to four televisions.

PACKAGE CONTENTS

Before beginning installation, please verify that all components are present:

- Five Star Outdoor HDTV Antenna (FSA-5816)
- J-Pole
- Mounting Bracket and Screws
- VHF Signal Connector
- Coaxial Cable
- TV Splitter (4-way)
- Bags of Screws (for assembly)
- Instruction Manual (this document)

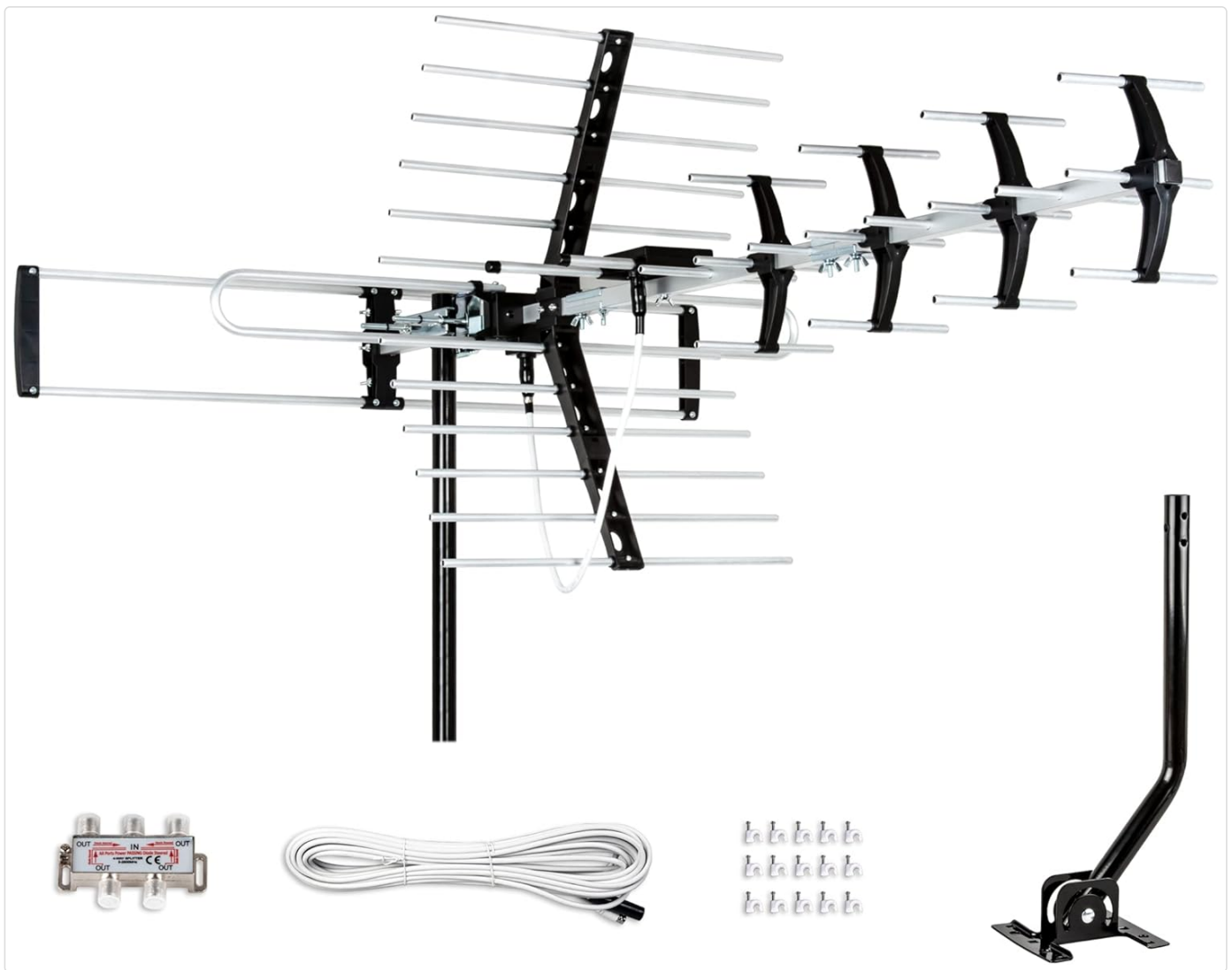


Image: All components included in the Five Star Outdoor HDTV Antenna package.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. This antenna can be mounted on a roof, in an attic, on a chimney, eave, or mast.

1. Antenna Assembly

1. Unfold the UHF Reflecting Nets until they click into place.
2. Open both sides of the VHF Vibrator.
3. Connect the VHF Signal Connector to the VHF Vibrator.
4. Use the provided brackets and butterfly wingnuts to attach the VHF Vibrator to the Director Element.
5. Attach the UV Vibrator and secure it with the butterfly bolt.
6. Align and attach the VHF Reflectors using the three butterfly bolts.
7. Snap the reflecting nets into place and slide them onto the antenna.

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Video: Detailed installation instructions for the 2023 New Multi Directional Outdoor Antenna.

2. Mounting Location

The antenna's performance is highly dependent on its location and orientation. For best results, mount the antenna outdoors in a high location with a clear line of sight to broadcast towers. The included J-pole and mounting bracket

facilitate various mounting options on roofs, attics, chimneys, or eaves.



Image: Example of the Five Star Outdoor HDTV Antenna installed on a residential roof.

3. Finding Nearest Antenna Tower

To optimize signal reception, identify the direction of your local broadcast towers. You can use online resources like [TV Fool](#) by entering your zip code. This will provide a signal analysis report, indicating the direction and strength of available channels. Adjust your antenna's orientation accordingly for the best reception.

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Video: Instructions on how to find the nearest antenna tower for the Five Star TV Antenna FSA-5816.

4. Connecting to TV(s)

Connect the coaxial cable from the antenna to your TV's antenna input. If connecting multiple TVs, use the included 4-way TV splitter. Ensure all connections are secure.

Connect 4 TVs

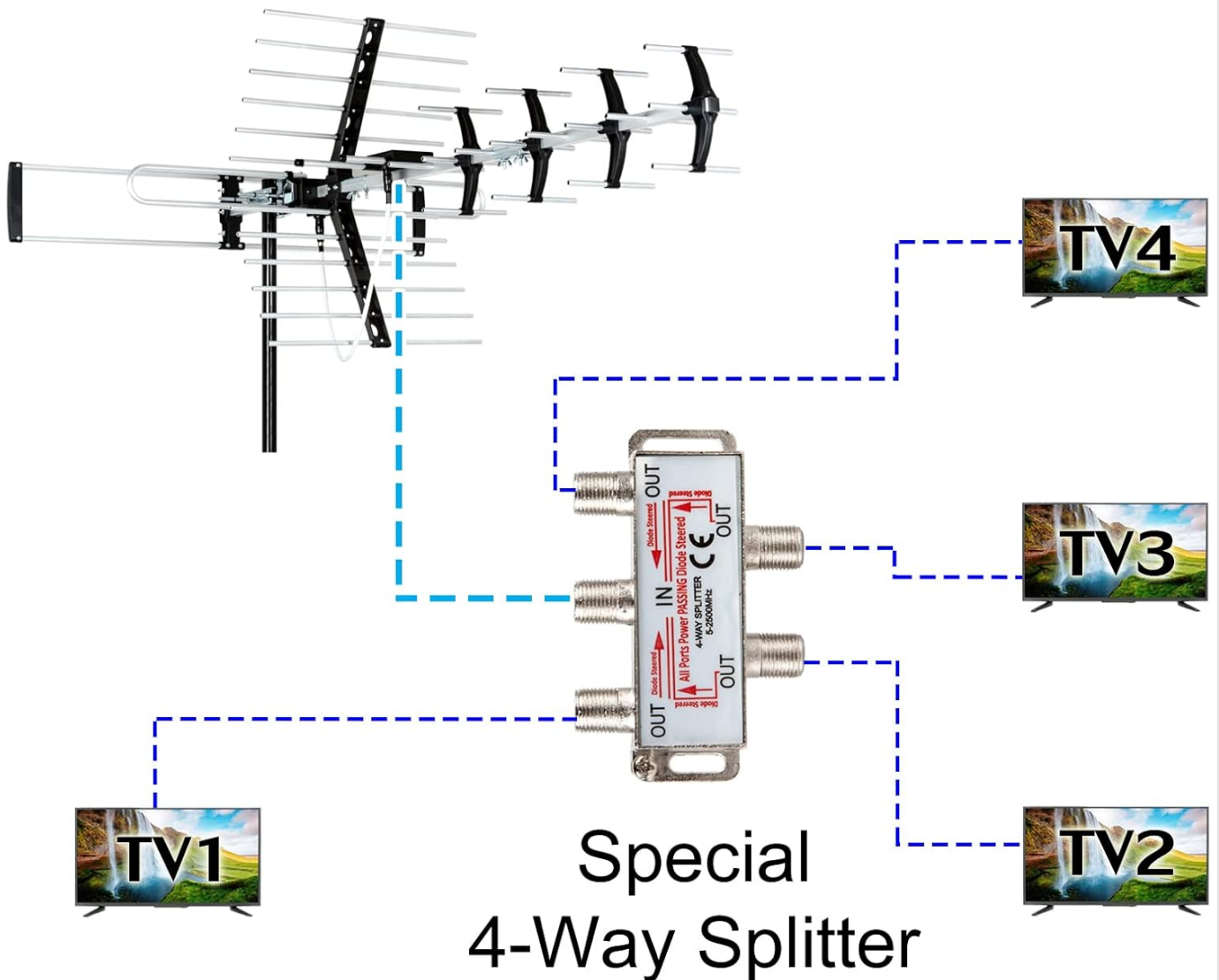


Image: Connection diagram for the antenna to multiple TVs using the special 4-way splitter.

OPERATING INSTRUCTIONS

1. Performing a Channel Scan

After installation, perform a channel scan on your television to find available over-the-air channels. Navigate to your TV's menu, select "Broadcasting" or "Channel Setup," and choose "Antenna" or "Air" as the input source. Then, initiate an "Auto Program" or "Channel Scan."

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Video: Guide on connecting the antenna to the TV and performing a channel scan for the Five Star Long Range Outdoor TV Antenna FSA-5816.

It is recommended to run a channel scan monthly and anytime a channel is lost to keep your channel lineup up to date.

2. Signal Reception

The antenna is designed for superior reception of both VHF and UHF signals, providing 1080p and 4K quality. Its extended antenna length and larger receiving elements enhance signal stability and strength. Reception range is up to 200 miles, but actual performance may vary based on terrain, obstacles, and distance from broadcast towers.

Up to 200 mile Range

High-VHF and UHF directional antenna delivers 200 mile range. Mount outside for maximum range and clearest signal.



**4K Ultra-HD
and ATSC 3.0 ready.**

ATSC 3.0

Image: The antenna's capability for up to 200-mile range, 4K Ultra-HD, and ATSC 3.0 readiness.

Extra Receiving Elements

Much longer than other antennas to enhance the TV receptions



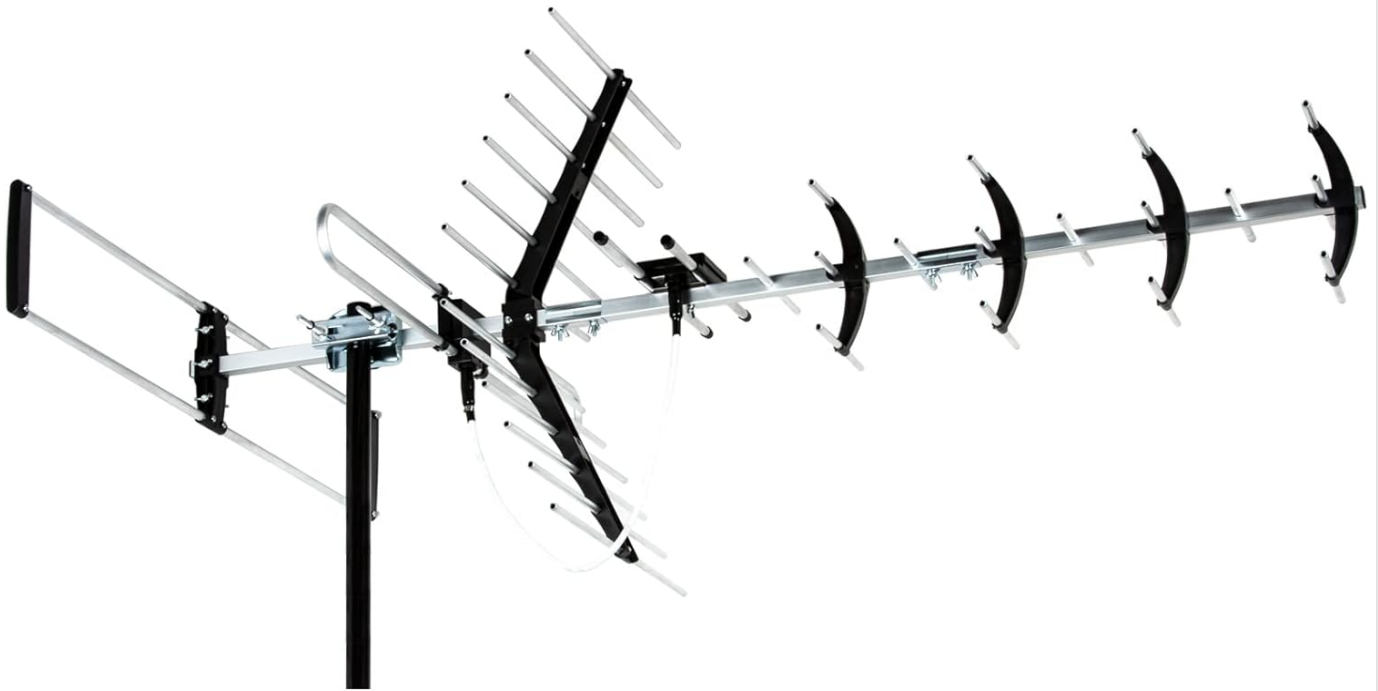
Image: Antenna dimensions and emphasis on extra receiving elements for enhanced reception.

MAINTENANCE

The Five Star Outdoor HDTV Antenna is designed for durability and requires minimal maintenance. Regular checks can help ensure continued optimal performance:

- **Visual Inspection:** Periodically inspect the antenna and mounting hardware for any signs of damage, corrosion, or loose connections, especially after severe weather conditions.
- **Cable Integrity:** Ensure the coaxial cable is free from kinks, cuts, or fraying. Secure any loose cables to prevent damage.
- **Cleaning:** If necessary, gently clean the antenna elements with a soft, damp cloth to remove dirt or debris that might accumulate over time. Avoid using harsh chemicals or abrasive materials.
- **No Power Needed:** This antenna operates passively and does not require external power, simplifying maintenance by eliminating power supply checks.

No power is needed



Last much longer than all other antennas

Image: The antenna's passive design, indicating no external power is required for operation.

TROUBLESHOOTING

If you experience issues with your antenna, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No Signal / Poor Picture Quality	Incorrect TV input, antenna orientation, loose connections, environmental interference.	<p>Ensure TV input is set to "Antenna" or "Air".</p> <p>Re-orient the antenna towards broadcast towers (use TV Fool for guidance).</p> <p>Check all coaxial cable connections for tightness.</p> <p>Perform a new channel scan on your TV.</p> <p>Consider moving the antenna to a higher or less obstructed location.</p>

Problem	Possible Cause	Solution
Missing Channels	Incomplete channel scan, antenna orientation, new broadcast changes.	Perform a fresh channel scan. Slightly adjust antenna direction and re-scan. Check online resources for local broadcast changes.
Intermittent Signal Loss	Weather conditions, nearby moving objects (trees, vehicles), loose connections.	Ensure antenna is securely mounted and connections are tight. Consider a more robust mounting solution if wind is an issue. Check for physical obstructions that may intermittently block the signal.

SPECIFICATIONS

Feature	Detail
Model	FSA-5816
Brand	Five Star
Antenna Type	Outdoor HDTV Antenna (VHF/UHF)
Max Range	Up to 200 Miles
Supported Resolutions	1080p, 4K (ATSC 3.0 Ready)
Impedance	75 Ohm
Number of Channels	Up to 100 (dependent on location)
Color	Black
Product Dimensions (Assembled)	46"L x 28"W x 25"H
Item Weight	6.82 pounds
UPC	840449120408

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Five Star website. Keep your purchase receipt for warranty claims.