

ANTOP AT-800SBS

ANTOP AT-800SBS HD Smart Panel Antenna

USER MANUAL

Model: AT-800SBS

1. INTRODUCTION

The ANTOP AT-800SBS HD Smart Panel Antenna is designed to receive free over-the-air (OTA) digital TV signals. This antenna features a Smart Boost System for adjustable amplification, dual connectivity for multiple devices, an integrated 4G LTE filter to block interference, and an FM antenna for radio reception. It supports both indoor and outdoor installation, providing a versatile solution for accessing local broadcasts.

2. PACKAGE CONTENTS

Please verify that all components are present in your package:

- ANTOP AT-800SBS Smart Panel Antenna
- Smart Boost System Power Booster with Adjustment Dial
- VHF Enhancer Rods (Detachable)
- AC/DC Power Adapter
- 40 ft. Coaxial Cable
- 5 ft. Coaxial Cable
- Indoor Stand
- Wall/Pole Mounting Kit



Image 2.1: The ANTOP AT-800SBS antenna with its Smart Boost System, power adapter, coaxial cables, and indoor stand.

3. KEY FEATURES

3.1 Smart Boost System with Adjustment Dial

The Smart Boost System allows for precise adjustment of the antenna's amplification strength. A built-in dial enables users to fine-tune reception from 0 to 85 miles, optimizing signal balance based on your specific location and signal conditions. This helps in achieving clear reception for various signal strengths.



Image 3.1: The Smart Boost System with its adjustable dial for reception power. Turning the dial clockwise increases gain, while counter-clockwise reduces it.

3.2 Dual Connectivity

The antenna's Smart Boost System includes a secondary output, allowing simultaneous connection to a second device. This can be another TV, an FM stereo receiver, or any OTA-ready streaming device or projector, expanding your viewing and listening options.

3.3 Integrated 4G LTE Filter

Equipped with a built-in 4G LTE filter, the antenna shields against interference from 3G and 4G wireless signals. This ensures stable performance and helps prevent picture pixelation, contributing to a smooth and clear 4K HDTV experience.

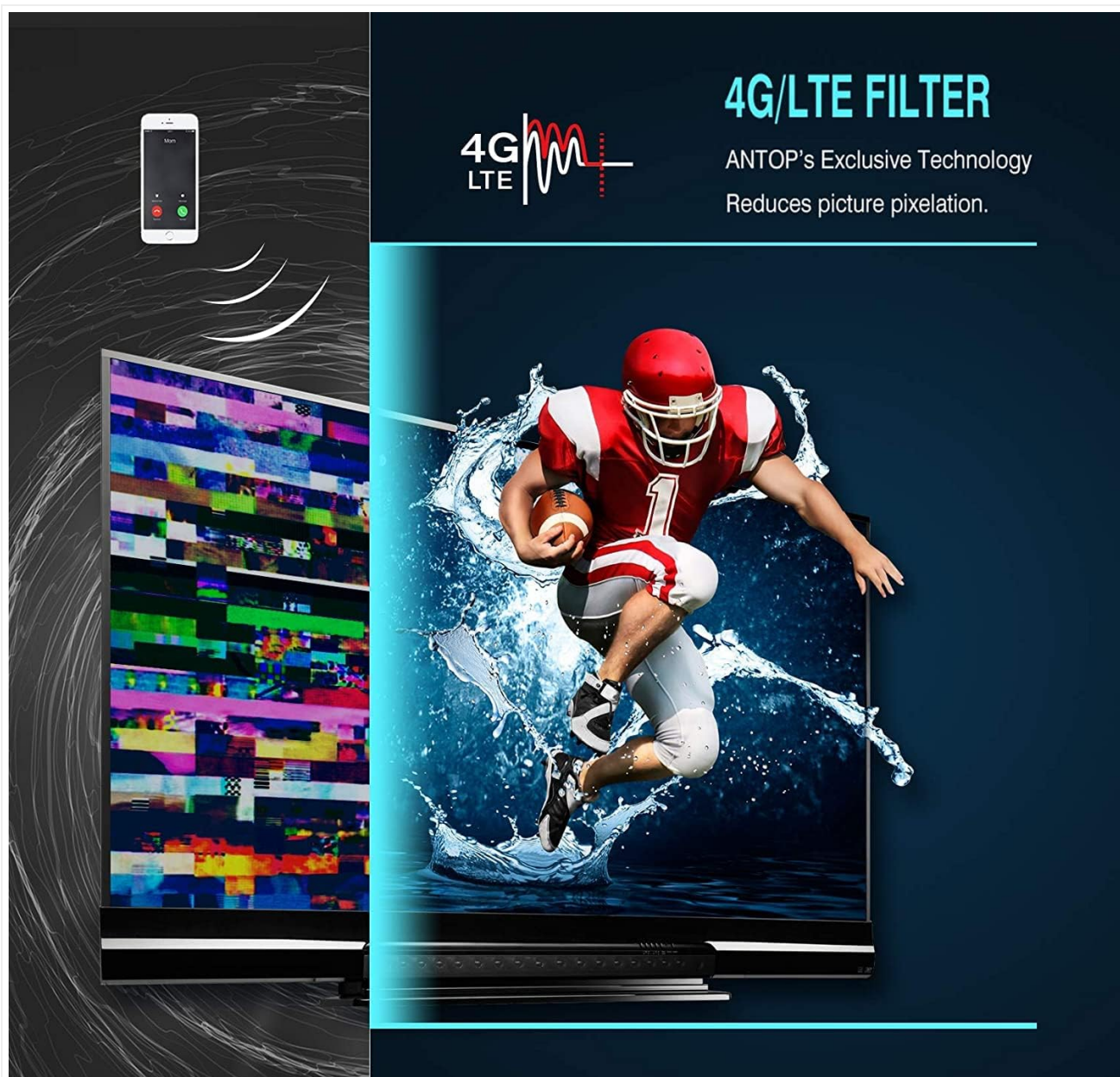


Image 3.2: Illustration of the 4G LTE filter's effect, showing a clear image compared to a pixelated one caused by interference.

3.4 Integrated FM Antenna

The antenna also functions as an FM antenna, enabling reception of local radio stations. Connect the antenna to a radio or stereo receiver to enjoy FM broadcasts. It features a multi-directional reception pattern for broad signal capture.

3.5 Versatile Placement Options

The AT-800SBS is designed for flexible installation, suitable for indoor (tabletop or wall-mounted) or outdoor (wall or pole-mounted) use. Its aesthetic design allows it to blend with various home interior styles.

ANTOP AT-800SBS HD SMART PANEL HDTV & FM AMPLIFIED ANTENNA



Image 3.3: The antenna positioned indoors, demonstrating its suitability for living room environments.

4. SETUP AND INSTALLATION

Follow these steps to set up your ANTOP AT-800SBS antenna:

1. **Choose a Location:** Determine the best location for your antenna. Higher locations, such as a roof or attic for outdoor installation, or near a window for indoor use, generally provide better signal reception. Consider both indoor (using the included stand or wall mount) and outdoor (using the pole/wall mounting kit) options.
2. **Attach VHF Enhancer Rods:** If desired, screw the two detachable VHF enhancer rods into the designated ports on the antenna for improved VHF signal reception.
3. **Connect Coaxial Cable:** Connect one end of the provided coaxial cable (40 ft. or 5 ft. depending on distance) to the ANTENNA IN port on the Smart Boost System.
4. **Connect to TV/Device:** Connect the other end of the coaxial cable from the Smart Boost System's TV/FM/Device output to the ANT/IN or CABLE IN port on your TV or digital converter box. For dual connectivity, use the secondary output for a second device.

5. **Connect Power Adapter:** Plug the AC/DC power adapter into the DC 12V port on the Smart Boost System, then plug the adapter into a standard electrical outlet. The LED indicator on the Smart Boost System should illuminate.



Image 4.1: A diagram illustrating the connection of the antenna to the Smart Boost System and then to a television or other devices.

5. OPERATION

After installation, follow these steps to operate your antenna:

1. **Power On:** Ensure the Smart Boost System is powered on and its LED indicator is lit.
2. **Adjust Signal Strength:** Use the adjustment dial on the Smart Boost System to fine-tune the signal strength. Start with the dial at a lower setting and gradually increase it. Observe the signal quality on your TV.
3. **Perform Channel Scan:** Access your TV's menu and navigate to the 'Channel Scan' or 'Auto Program' function. Select 'Antenna' or 'Air' as the input source. Allow the TV to scan for available channels. This process may take several minutes.
4. **Optimize Placement and Adjustment:** If initial results are unsatisfactory, try repositioning the antenna

slightly or adjusting the Smart Boost System dial again, then re-scan for channels. Different orientations or heights can significantly impact reception.

5. **FM Radio Reception:** To listen to FM radio, connect the antenna to your FM stereo receiver's antenna input. Perform a channel scan on your receiver to find available FM stations.

6. MAINTENANCE

To ensure optimal performance and longevity of your ANTOP AT-800SBS antenna:

- **Cleaning:** Periodically wipe the antenna and Smart Boost System with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Regularly inspect all coaxial cable connections to ensure they are secure and free from corrosion. Loose connections can lead to signal loss.
- **Outdoor Installation:** For outdoor installations, check mounting hardware periodically for stability, especially after severe weather conditions. Ensure cables are properly secured to prevent damage.
- **Environmental Protection:** While designed for outdoor use, extreme weather conditions can affect performance. Ensure the antenna is installed according to guidelines to minimize exposure to direct impact from heavy rain or snow.

7. TROUBLESHOOTING

If you experience issues with your antenna, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal or weak signal	Incorrect antenna placement, loose connections, amplifier setting too low/high, TV not set to antenna input.	<ul style="list-style-type: none">• Reposition the antenna to a higher or different location.• Ensure all coaxial cables are securely connected.• Adjust the Smart Boost System dial.• Verify your TV input is set to 'Antenna' or 'Air'.• Perform a new channel scan on your TV.
Pixelated or distorted picture	Weak signal, interference from 3G/4G devices, amplifier setting.	<ul style="list-style-type: none">• Adjust antenna position and Smart Boost System dial.• Ensure the 4G LTE filter is functioning (it's integrated).• Minimize nearby electronic devices that may cause interference.• Re-scan channels.

Problem	Possible Cause	Solution
Cannot receive certain channels	Directional signal, local obstructions, weak signal for specific frequencies.	<ul style="list-style-type: none">• Try rotating the antenna slightly and re-scanning.• Ensure VHF enhancer rods are attached if VHF channels are missing.• Check online resources for local broadcast tower directions.
Smart Boost System LED is off	No power to the amplifier.	<ul style="list-style-type: none">• Check if the AC/DC power adapter is securely plugged into the Smart Boost System and a working electrical outlet.• Test the outlet with another device.

8. SPECIFICATIONS

Feature	Detail
Brand	ANTOP
Model Number	AT-800SBS (ANTAN-800SBS)
Item Weight	8.13 pounds
Package Dimensions	22.5 x 10.9 x 6.9 inches
Color	White
Impedance	75 Ohm
Maximum Range	85 Miles
Number of Channels	1 (refers to single antenna unit, not channel count received)
UPC	682604901183
Manufacturer	ANTOP

9. WARRANTY AND SUPPORT

ANTOP is committed to providing quality products and customer satisfaction.



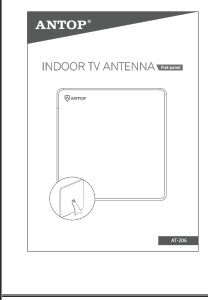
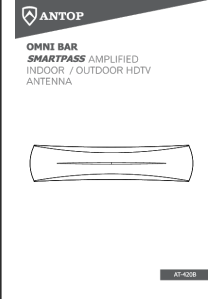
- **Accessory Replacement:** ANTOP offers free replacement of accessories such as the Power Booster, VHF Signal Enhancer Rods, AC/DC Power Adapter, and coaxial cables.
- **Warranty Information:** For detailed warranty terms and conditions, please refer to the product packaging or contact ANTOP customer support directly.
- **Customer Support:** For any questions, technical assistance, or support needs, please contact ANTOP US

support. Contact information can be found on the product packaging.



Image 9.1: ANTOP provides customer support and offers free replacement of certain accessories.

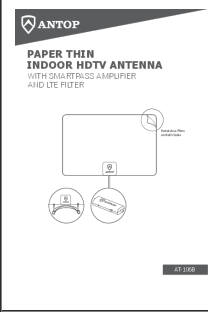
Related Documents - AT-800SBS

	<p>Antop AT-250X2 Versa Indoor Smartpass Amplified HDTV Folding Antenna - 2 Pack</p> <p>Installation guide and product details for the Antop AT-250X2 Versa Indoor Smartpass Amplified HDTV Folding Antenna. Learn setup, connection, and optimization for digital TV reception.</p>
	<p>Antop AT-221BV Aero + Smartpass Amplified Indoor HDTV Antenna Installation Guide</p> <p>Comprehensive guide for installing and setting up the Antop AT-221BV Aero + Smartpass Amplified Indoor HDTV Antenna. Learn about its Smartpass Amplifier technology, 5G LTE filtering, and optimal placement for superior digital TV reception.</p>
	<p>ANTOP AT-206 Flat-panel Indoor TV Antenna User Manual</p> <p>User manual for the ANTOP AT-206 Flat-panel Indoor TV Antenna, including setup instructions, placement tips, warranty, and return policies.</p>
	<p>ANTOP AT-420B Omni Bar Smartpass Amplified HDTV Antenna: Installation and User Guide</p> <p>Comprehensive guide for installing and using the ANTOP AT-420B Omni Bar Smartpass Amplified Indoor/Outdoor HDTV Antenna. Includes setup, connection, scanning, and warranty information.</p>



[Antop AT-221BV Aero + Smartpass Amplified Indoor HDTV Antenna Installation Guide](#)

Installation and user guide for the Antop AT-221BV Aero + Smartpass Amplified Indoor HDTV Antenna, detailing setup, connection, and troubleshooting for optimal digital TV reception.



[ANTOP AT-106B Paper Thin Indoor HDTV Antenna with Smartpass Amplifier - User Manual](#)

User manual and installation guide for the ANTOP AT-106B Paper Thin Indoor HDTV Antenna, featuring Smartpass Amplifier and 4G LTE Filter. Learn how to connect, set up, and place your antenna for optimal digital TV reception.