

ANTOP AT-800SBS

ANTOP AT-800SBS HDTV & FM Amplified Antenna User Manual

Model: AT-800SBS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANTOP AT-800SBS HDTV & FM Amplified Antenna. This antenna is designed to receive free over-the-air (OTA) digital TV signals and FM radio signals, offering a versatile solution for your home entertainment needs. Please read this manual thoroughly before installation and use.

2. PRODUCT OVERVIEW

The ANTOP AT-800SBS is an amplified antenna featuring a Smart Boost System and dual outputs, allowing connection to multiple devices simultaneously. Its design integrates an FM antenna and includes a 4G LTE filter for clear reception. It is built for both indoor and outdoor use, with a durable, waterproof design.

Key Features:

- **Smart Boost System:** Built-in adjustment dial for balancing reception range from 0 to 85 miles.
- **Dual Connectivity:** Connects to a second device (e.g., second TV, FM stereo, OTA-ready streaming device) via a secondary output.
- **Integrated FM Antenna:** Allows reception of FM radio stations.
- **4G LTE Filter:** Blocks 3G and 4G signals to prevent interference, ensuring clear picture and stable channel reception.
- **Multi-directional Functionality:** Designed for optimal signal reception.
- **VHF Enhancer Rods:** Detachable rods to strengthen VHF reception.
- **Flexible Installation:** Suitable for table standing, wall mounting, or outdoor pole mounting.
- **Durable Design:** Waterproof with UV coating, suitable for various weather conditions.

Internal Structure and Components:

ALL-IN-ONE ANTENNA SOLUTION



Figure 1: Exploded view diagram of the ANTOP AT-800SBS antenna, highlighting its internal components including innovative mechanical elements, Smartpass amplifier with 4G LTE filter, and VHF rods.

The AT-800SBS incorporates advanced elements for superior performance:

- **Innovative Mechanical Elements:** Engineered for optimal reception and high gain.
- **Smartpass Amplifier & 4G LTE Filter:** Ensures balanced reception and blocks unwanted 3G/4G interference.
- **VHF Rods:** Enhance reception for VHF channels.

Package Contents:



Figure 2: ANTOP AT-800SBS Antenna and included accessories. This image displays the main antenna unit, the Smart Boost System amplifier, power adapter, coaxial cables, and various mounting hardware.

- ANTOP AT-800SBS Antenna Unit
- Smart Boost System Amplifier with Adjustment Dial
- Power Adapter (DC 12V)
- Coaxial Cables
- VHF Enhancer Rods
- Desktop Stand
- Wall/Pole Mounting Kits

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



Figure 3: The ANTOP AT-800SBS antenna installed on a rooftop, demonstrating its robust design for outdoor use and ability to maintain signal reception even during inclement weather conditions.

3. SETUP INSTRUCTIONS

Follow these steps to properly set up your ANTOP AT-800SBS antenna for optimal reception.

3.1. Site Selection and Antenna Placement

1. **Check Available Channels:** Visit dtv.gov to confirm available channels in your area and locate broadcast towers.
2. **Consider Obstructions:** Areas with large obstructions like valleys or mountains may reduce effective range.
3. **Initial Placement:** Place the antenna on a window for initial testing. Try different locations, positioning the antenna as high as possible.
4. **Indoor/Outdoor Flexibility:** The antenna can be used indoors (table stand, wall mount) or outdoors (pole mount).

Exclusive Smart Boost System.

Easier Connection To Multiple Devices,
Delivering Balanced Reception Amplification.

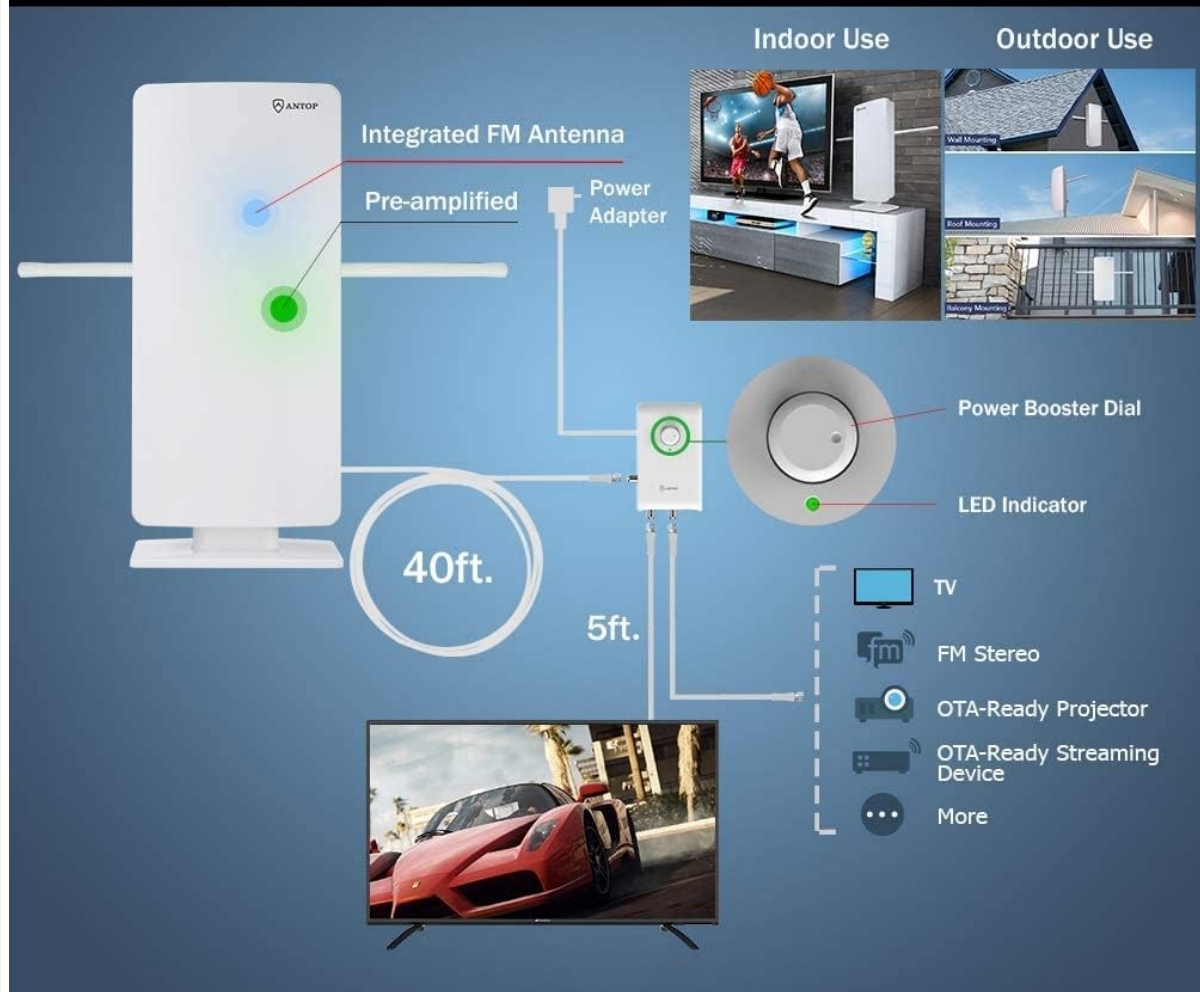


Figure 4: Diagram illustrating the connection of the ANTOP AT-800SBS antenna with the Smart Boost System to a TV and a second device. This shows the antenna, pre-amplifier, power adapter, Smart Boost System, and connections to a TV and an FM stereo/OTA device.

3.2. Connecting the Antenna

1. **Connect Coaxial Cable:** Connect the coaxial cable from the antenna to the 'ANT IN' port on the Smart Boost System amplifier.
2. **Connect to TV:** Connect another coaxial cable from the 'TV' output on the Smart Boost System to the 'Ant In' or 'Cable In' port on the back of your HDTV or TV converter box.
3. **Connect Power Adapter:** Plug the power adapter into the Smart Boost System and then into a power outlet.
4. **Second Device Connection (Optional):** If connecting a second device (e.g., FM stereo, second TV, streaming device), connect a coaxial cable from the 'TV/FM/Device' output on the Smart Boost System to the respective input on your second device.

3.3. TV Setup

1. **TV Input/Source:** Set your TV's input or source to 'Antenna' or 'Air'.
2. **Channel Scan:** Access your TV's setup menu and perform a 'Channel Search' or 'Channel Scan'. This process may take several minutes.

3. **Rescan After Relocation:** Always rescan for channels after moving the antenna to a new position.

4. OPERATING INSTRUCTIONS

4.1. Adjusting Reception with Smart Boost System



Figure 5: Close-up of the Smart Boost System amplifier with its adjustable dial. The dial allows users to fine-tune the antenna's reception power from minimum (0 miles) to maximum (85 miles) range.

The Smart Boost System features an adjustment dial to optimize signal reception based on your location's specific needs. Turn the dial to balance the reception range from 0 to 85 miles.

- **Short Range (within 35 Miles):** If you are very close to broadcast towers, a lower setting (closer to 'MIN' or '0') might be better to prevent signal overload.
- **Long Range (up to 85 Miles):** For greater distances from broadcast towers, adjust the dial towards 'MAX' or '85' to amplify weaker signals.
- **Fine-tuning:** Experiment with different dial positions and perform a channel scan after each adjustment to find the optimal setting for the best picture quality and number of channels.

4.2. Using the FM Antenna Feature

The integrated FM antenna allows you to receive local FM radio stations. Connect the 'TV/FM/Device' output of the Smart Boost System to your FM stereo receiver's antenna input. Tune your FM receiver to scan for available radio stations.

5. MAINTENANCE

The ANTOP AT-800SBS antenna is designed for durability and requires minimal maintenance.

- **Cleaning:** Wipe the antenna unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Installation:** Periodically check outdoor mounted antennas for secure mounting and cable integrity, especially after severe weather. The antenna features a waterproof design with UV coating for protection.
- **Cable Inspection:** Ensure all coaxial cable connections are tight and free from damage.

6. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No signal or poor picture quality	<ul style="list-style-type: none">• Antenna Placement: Try repositioning the antenna. Higher locations and windows often yield better results.• Channel Scan: Perform a new channel scan on your TV after any antenna adjustments.• Smart Boost System Dial: Adjust the amplifier dial. If too close to broadcast towers, a lower setting might be better; if far, a higher setting.• Cable Connections: Ensure all coaxial cables are securely connected.• Obstructions: Large obstructions (buildings, trees, terrain) can block signals.
Missing specific channels	<ul style="list-style-type: none">• Directional Adjustment: While the antenna is multi-directional, slight adjustments in orientation can sometimes improve reception for specific channels.• VHF Rods: Ensure VHF enhancer rods are properly attached if you are trying to receive VHF channels.• Signal Strength: Some channels may have weaker signals in your area. Check dtv.gov for signal strength information.
Interference from mobile signals	<ul style="list-style-type: none">• The built-in 4G LTE filter should mitigate this. Ensure the amplifier is powered correctly.• Try moving the antenna away from mobile devices or cellular towers if possible.



Figure 6: Visual representation of the 4G LTE filter's function, showing how it reduces picture pixelation caused by mobile signals. The image depicts a split screen, with one side showing a pixelated image and the other showing a clear image after filtering.

7. SPECIFICATIONS

Feature	Detail
Model Number	AT-800SBS
Brand	ANTOP
Reception Range	Up to 85 Miles (adjustable)
Frequency Range	VHF: 47-230MHz, UHF: 470-700MHz
Impedance	75 Ohm
Outputs	Dual (TV, TV/FM/Device)
Filter	Built-in 4G LTE Filter

Feature	Detail
Power Supply	DC 12V (via Smart Boost System)
Dimensions	Approx. 23 x 11.5 x 7 inches (Package Dimensions)
Weight	Approx. 8.13 pounds
Color	White
UPC	682604901183, 682604901336

8. WARRANTY AND SUPPORT



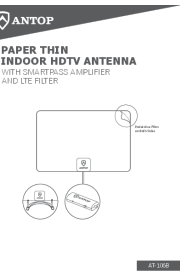
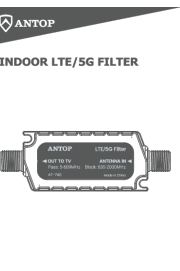

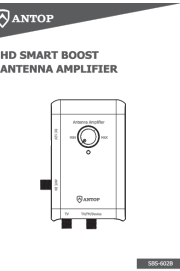
ANTOP provides customer support for its products. For warranty information, technical assistance, or any installation issues, please contact ANTOP customer service.

A graphic for ANTOP customer support. At the top, it says "HUNDREDS OF FREE LIVE TV —ALWAYS ON—" in bold black text. Below this, several network logos (CW, PBS, ABC, NBC, CBS, FOX, TBS, HSN, ion) are shown floating around a television set. The TV is on a wooden stand and displays a waterfall scene. Below the TV, there are two photos: one of a customer service representative wearing a headset, and another of an elderly man with glasses talking on a phone while holding a tablet. To the right of these photos is an email icon (an envelope with a paper airplane) and the text "support@antopantenna.com". Below the email address, it says "If you have any installation issues ,please send an email."

Figure 7: Image displaying ANTOP customer support contact information, including an email address for inquiries.

Email Support: support@antopantenna.com

Please refer to the product packaging or the official ANTOP website for the most current warranty details and support contact information.

 <p>ANTOP AERO + SMARTPASS AMPLIFIED INDOOR HDTV ANTENNA</p> <p>AT-221BV</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 OMNI BAR SMARTPASS AMPLIFIED INDOOR / OUTDOOR HDTV ANTENNA</p> <p>AT-420B</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>
 <p>ANTOP PAPER THIN INDOOR HDTV ANTENNA WITH SMARTPASS AMPLIFIER AND 4G LTE FILTER</p> <p>AT-106B</p>	<p>ANTOP AT-106B Paper Thin Indoor HDTV Antenna with Smartpass Amplifier - User Manual</p> <p>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.</p>
 <p>ANTOP INDOOR LTE/5G FILTER</p> <p>AT-740</p>	<p>Antop AT-740 Indoor LTE/5G Filter: Installation, Specifications, and Warranty</p> <p>Improve your TV signal with the Antop AT-740 Indoor LTE/5G Filter. This guide details installation, technical specifications, and warranty information for blocking mobile interference.</p>
 <p>ANTOP AERO + SMARTPASS AMPLIFIED INDOOR HDTV ANTENNA</p> <p>AT-221BV</p>	<p>Antop AT-221BV Aero + Smartpass Amplified Indoor HDTV Antenna Installation Guide</p> <p>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.</p>
 <p>ANTOP HD SMART BOOST ANTENNA AMPLIFIER</p> <p>SBS-602B</p>	<p>Antop SBS-602B TV Antenna User Manual</p> <p>Comprehensive user manual for the Antop SBS-602B TV antenna, covering installation, channel scanning, and optimal reception for digital over-the-air broadcasts.</p>

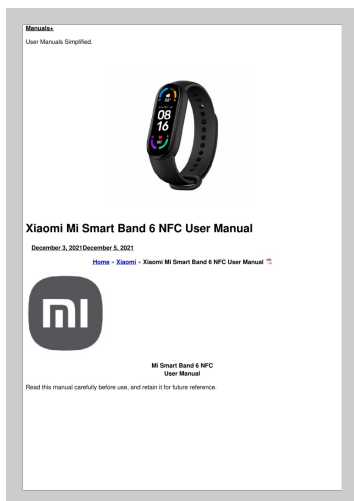


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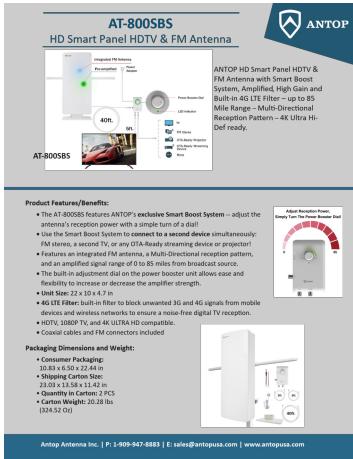
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[ANTOP AT-800SBS HD Smart Panel Antenna - Indoor/Outdoor HDTV & FM Reception](#)

Discover the ANTOP AT-800SBS HD Smart Panel Antenna for superior indoor/outdoor HDTV and FM reception. Features Smart Boost System, 85-mile range, multi-directional pattern, and 4K compatibility.

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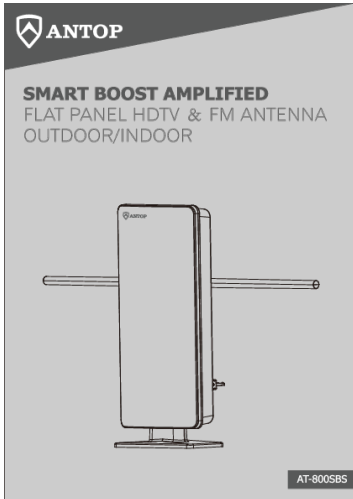


[pdf] Dimension Guide

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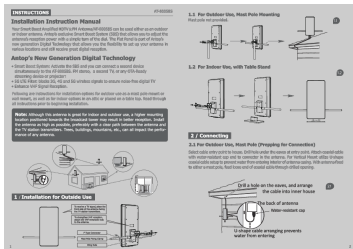


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