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› ANTOP SBS-602B Smart Boost Antenna Amplifier User Manual

ANTOP SBS-602B

ANTOP SBS-602B Smart Boost Antenna Amplifier User Manual

1. INTRODUCTION AND OVERVIEW

The ANTOP Smart Boost Amplifier, model SBS-602B, is designed to enhance over-the-air (OTA) TV signals received by any non-amplified antenna. This device allows you to fine-tune your antenna's reception power through a simple dial adjustment. It features dual outputs, enabling simultaneous connection of your antenna to a primary television and a second device, such as an FM stereo, an additional TV, or an OTA-Ready streaming device or projector. The SBS-602B is fully compatible with TV converter boxes and modern digital televisions, supporting HD, 1080P, and 4K ULTRA HD resolutions.

This amplifier facilitates easier connections and helps achieve the optimal balance between short-range and long-range signal reception.

2. WHAT'S IN THE BOX

- ANTOP SBS-602B HD Smart Boost Antenna Amplifier
- AC/DC Power Adapter
- Two (2) 5ft Coaxial Cables
- Two (2) Wall Screws/Anchors
- Instruction/User Manual (this document)

Just feel free to contact us if any questions



Image: Package contents of the ANTOP SBS-602B Smart Boost Antenna Amplifier.

3. SETUP INSTRUCTIONS

Follow these steps to set up your ANTOP SBS-602B Smart Boost Antenna Amplifier:

- 1. Connect Your Antenna:** Connect the coaxial cable from your non-amplified TV antenna to the "ANT.IN" port on the ANTOP SBS-602B amplifier.
- 2. Connect to Devices:** Use one of the provided 5ft coaxial cables to connect the "TV/FM Device" output port on the amplifier to your primary television's antenna input. If connecting a second device (e.g., FM stereo, another TV, or streaming device), use the second 5ft coaxial cable to connect it to the other "TV/FM Device" output port.
- 3. Connect Power:** Plug the AC/DC Power Adapter into the "DC 12V" input port on the amplifier, then plug the adapter into a standard electrical outlet. The LED indicator on the amplifier should illuminate.
- 4. Positioning:** Ensure your antenna is positioned optimally for signal reception. Keep the antenna away from metallic objects and high-power consumption devices to prevent interference.



**Adjust Reception Power,
Simply Turn The Power Booster Dial!**



Image: Connection diagram for the ANTOP SBS-602B amplifier.

Smart Boost System



Image: Front view of the ANTOP SBS-602B amplifier with connection ports.

4. OPERATING INSTRUCTIONS

The ANTOP SBS-602B features a Smart Boost dial to adjust the signal gain:

- **Adjusting Gain:** Turn the Smart Boost dial clockwise to increase the signal gain (boost reception). Turn the dial counter-clockwise to decrease the signal gain. The adjustable range is 0 to 10dB.
- **Channel Scan:** After each adjustment of the Smart Boost dial, it is crucial to perform a channel scan on your television or connected device. This allows your device to detect and save the newly optimized channels.
- **Regular Scans:** It is recommended to scan for channels monthly to ensure you receive all available channels, including any newly added or changed broadcasts in your area.

Exclusive Smart Boost System.

Easier Connection To Multiple Devices,
Delivering Balanced Reception Amplification.

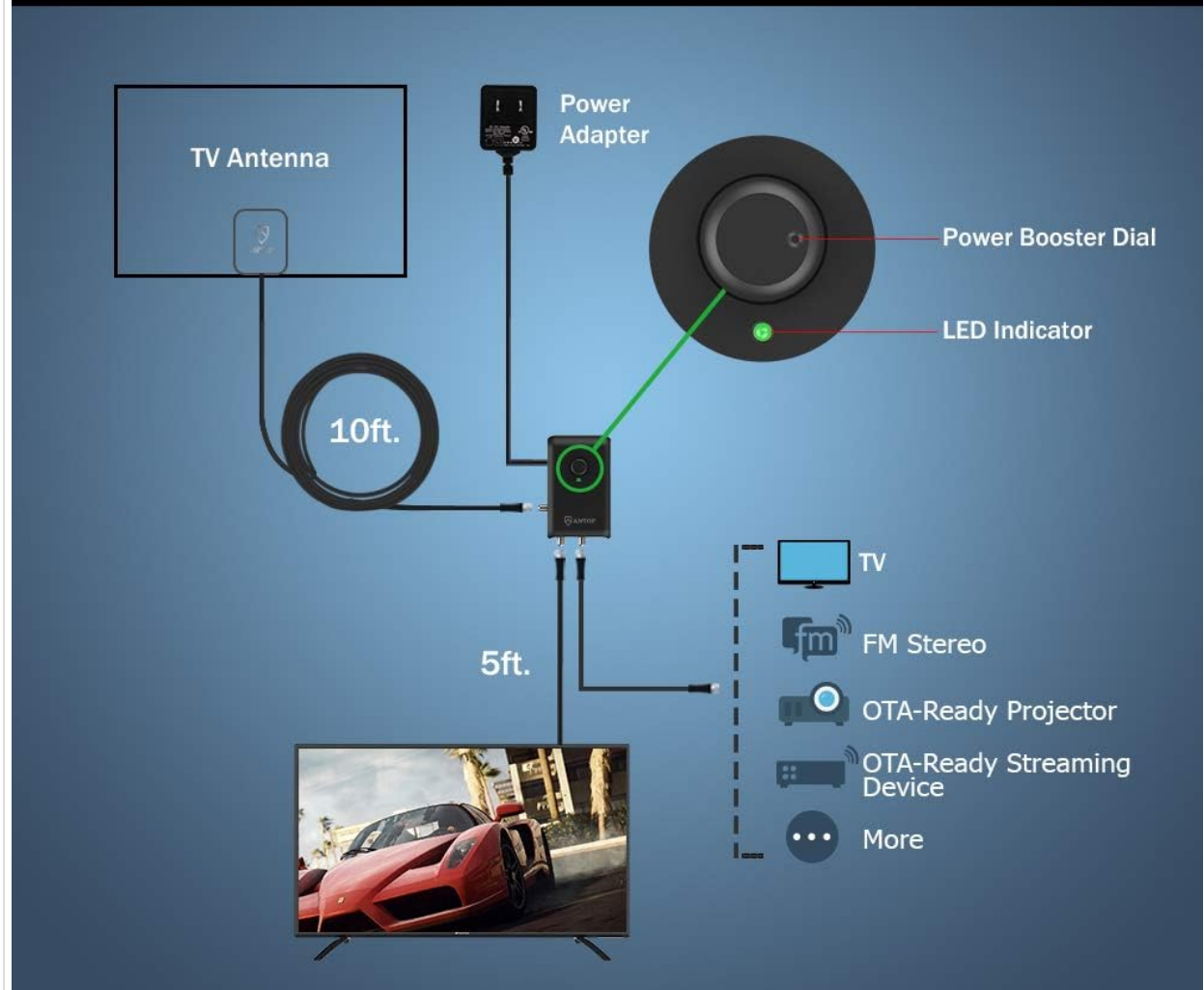


Image: Smart Boost dial for adjusting reception power.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ANTOP SBS-602B amplifier:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive materials.
- **Environment:** Keep the amplifier in a dry environment, away from direct sunlight, moisture, and extreme temperatures.
- **No User Serviceable Parts:** Do not attempt to open the amplifier casing or perform any repairs yourself. This could void your warranty and cause damage to the unit.

6. TROUBLESHOOTING

If you experience issues with your ANTOP SBS-602B amplifier, consider the following:

- **No Signal or Poor Reception:**

- Ensure all coaxial cable connections are secure at both the amplifier and your TV/devices.
 - Verify the power adapter is firmly plugged into the amplifier and a working electrical outlet. The LED indicator on the amplifier should be lit.
 - Adjust the Smart Boost dial and perform a channel scan on your TV after each adjustment.
 - Check your antenna's outdoor or indoor placement. Obstructions or proximity to metallic objects can affect signal quality.
 - Keep the antenna and amplifier away from high-power consumption devices (e.g., microwaves, refrigerators) that can cause electromagnetic interference.
- **Wobbly Power Connection:** Ensure the power adapter plug is fully inserted and secure. If the connection remains loose, contact customer support.
 - **Limited Channels After Setup:** Remember to perform a full channel scan on your TV after connecting the amplifier and adjusting the gain.

7. SPECIFICATIONS

Model	SBS-602B
Frequency Range	47-700MHz
Receiving Range	FM/VHF/UHF
Gain	14dB Max
Adjusting Range	0~10dB
Output Level	98dBuV
Impedance	75Ω
Noise Figure	≤3dB
Return Loss	>8
Power Supply	DC 12V
Dimensions (L x W x H)	4.60 x 2.75 x 0.98 inches
Features	Dual Outputs, Built-in 4G LTE Filter



Power Booster

To increase gain, turn the dial clockwise.
To reduce gain, turn the dial counter clockwise.

Built-in 4G LTE Filter

Block 3G and 4G wireless signals to ensure noise - free digital TV reception

Image: Internal components and 4G LTE filter of the amplifier.

8. WARRANTY INFORMATION

For detailed warranty information regarding your ANTOP SBS-602B Smart Boost Antenna Amplifier, please refer to the documentation included with your purchase or visit the official ANTOP website. Warranty terms and conditions may vary.

9. CUSTOMER SUPPORT

If you require further assistance, have questions, or encounter issues not covered in this manual, please visit the official ANTOP website for support resources, FAQs, and contact information. You may also refer to the contact details provided in your product packaging.

