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Philips SDV8311B/27 Indoor TV Antenna Instruction Manual

Model: SDV8311B/27

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Philips SDV8311B/27 Indoor TV Antenna. This antenna is designed to receive free over-the-air digital and HDTV broadcasts, including 1080P and 4K signals, for both VHF and UHF stations within a 40-mile range. It features an integrated signal filter and amplifier for clear reception and extendable dipoles for optimal signal capture.



FREE
Local TV



FOX**HD**



...and more!

Image: The Philips Indoor TV Antenna is capable of receiving various free local HD television channels.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Philips SDV8311B/27 Indoor TV Antenna with extendable dipoles
- Indoor Amplifier
- 6-foot Coaxial Cable
- Antenna Stand

SETUP

Step 1: Connect the Antenna

1. Connect the coaxial cable from the antenna to the 'ANT/IN' port on your television.
2. If using the included amplifier, connect the antenna's coaxial cable to the amplifier's input, then connect a separate coaxial cable from the amplifier's output to your TV's 'ANT/IN' port.

Compatible with
NEXTGEN TV

What is NextGen TV (ATSC 3.0)?

This new broadcast standard for free over-the-air TV provides:

- Superior picture and sound
- 1080p & 4K UHD resolution with 8K potential
- Up to 120Hz refresh rates
- Stronger broadcast signal
- Premium audio, richer color & HDR
- Advanced emergency alerts
- Optional integration with your internet service for additional features

*This device is compatible with NextGen TV (ATSC 3.0).

1080p | 4K UHD | 8K Ready | HDR | 120Hz

Image: Connection diagram for the antenna and amplifier to a television.

Step 2: Position the Antenna

Optimal antenna placement is crucial for reception. Consider the following:

- Place the antenna high and/or near a window.
- Orient the antenna towards the broadcast towers in your area. You can find local broadcast tower information at antennaweb.org.
- Extend the dipoles up to 15 inches for improved VHF signal reception.

**Extendable dipoles adjust
to receive the best signal**



Image: The antenna features extendable dipoles that can be adjusted to optimize signal reception.



Image: Example of antenna placement in a home environment.

Step 3: Power the Amplifier (if applicable)

If you are using the indoor amplifier, plug its power adapter into a standard electrical outlet.

Step 4: Scan for Channels

After connecting and positioning the antenna, perform a channel scan on your television. This process varies by TV model, but typically involves navigating to the TV's 'Settings' or 'Setup' menu, selecting 'Channel Scan' or 'Auto Program', and choosing 'Antenna' or 'Air' as the input source.

Your browser does not support the video tag.

Video: An overview of the Philips HD Flat Panel Amplified TV Antenna, demonstrating its features and basic installation steps.

OPERATING INSTRUCTIONS

Optimizing Reception

To achieve the best possible reception:

- Experiment with different antenna positions in the room. Slight adjustments can significantly impact signal quality.
- Ensure the extendable dipoles are fully extended and adjusted for the best VHF signal.
- The antenna utilizes TruAmp Technology, which filters noise and amplifies the signal for clear, pure

reception.

Maximize Your Viewing Experience

Before you buy:

1. Check available TV stations in your area at antennaweb.org
2. Consider adding an amplifier if tower is 20+ miles away

At home:

1. Test antenna's reception in different locations in the room
 - Place high and/or near a window
 - Face antenna toward broadcast towers
 - Run a channel scan on your TV
2. Perform a channel scan on your TV
 - Whenever you relocate your TV's antenna
 - Every few months to capture new channels
 - When your TV indicates a "weak signal"

Image: TruAmp Technology enhances signal quality by boosting, blocking interference, and filtering noise.

Understanding Signal Strength

If your TV indicates a "weak signal" or you experience pixelation, try repositioning the antenna and performing another channel scan. For locations 20+ miles from broadcast towers, an amplifier can significantly improve reception. This antenna is compatible with NextGen TV (ATSC 3.0) for advanced broadcast features.



The perfect partner for streaming digital content

Eliminate expensive cable and satellite subscriptions for good!

Image: Guidelines for maximizing your TV viewing experience with the antenna.

MAINTENANCE

To ensure the longevity and performance of your antenna:

- Clean the antenna periodically with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid placing the antenna in direct sunlight or near heat sources.
- Keep the antenna away from moisture and extreme temperatures.

TROUBLESHOOTING

No Signal or Poor Picture Quality

- **Check Connections:** Ensure all coaxial cables are securely connected to the antenna, amplifier (if used), and TV.
- **Reposition Antenna:** Adjust the antenna's position and direction. Try different locations, including higher spots or closer to a window. Extend the dipoles fully.
- **Rescan Channels:** Always perform a new channel scan on your TV after repositioning the antenna.
- **Check for Interference:** Large metal objects, concrete walls, mountains, and power-consuming appliances can block or interfere with signals. Try to move the antenna away from such obstructions.

- **Consider an Amplifier:** If you are more than 20 miles from broadcast towers, an amplifier can boost weak signals. The included amplifier should be used in such cases.

Be aware of reception blockers

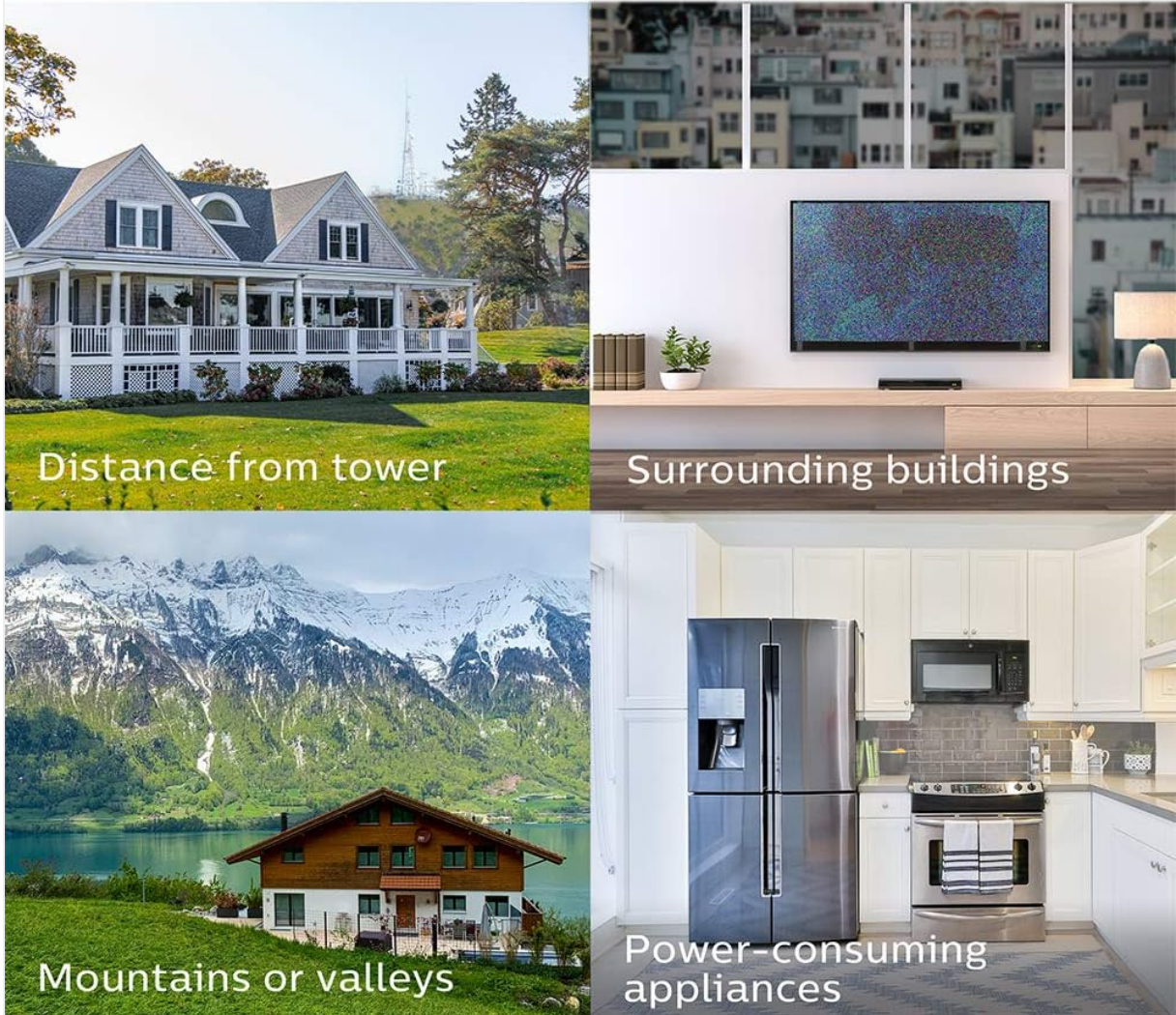
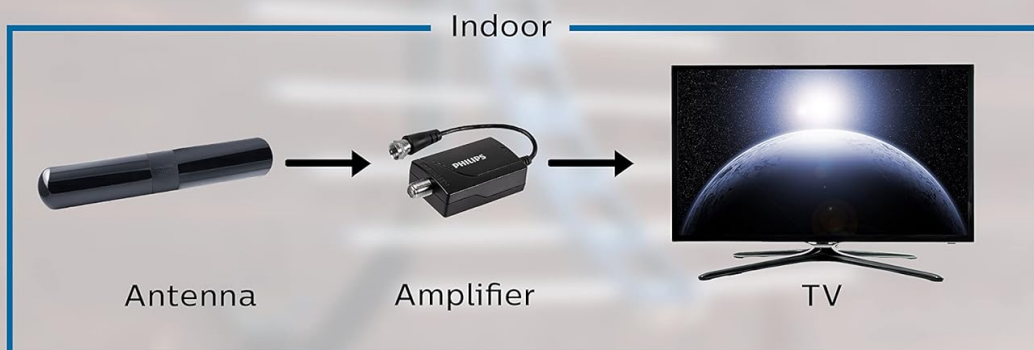
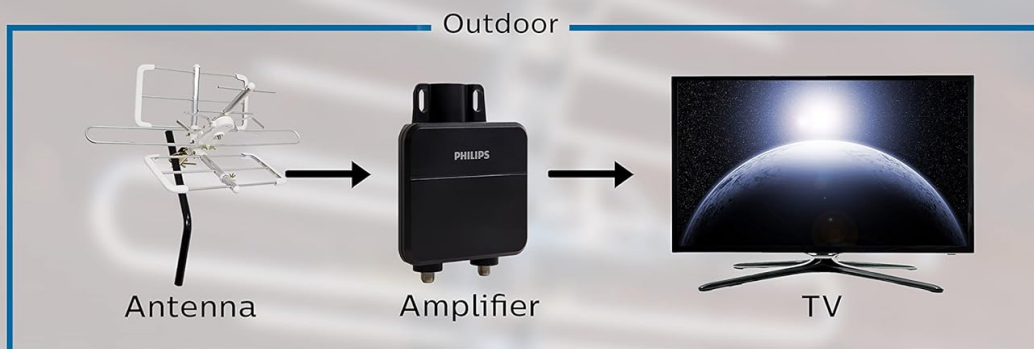


Image: Various environmental and household factors can act as reception blockers.

Add an amplifier to improve reception if:

1. You have a passive antenna
2. You're 20+ miles from broadcast towers
3. Your TV indicates "weak" or "no signal" after running a channel scan



Learn more about antenna amplifiers at byjasco.com/antennaamps

Image: An amplifier can be added to improve reception, especially if you are far from broadcast towers or experience weak signals.

Missing Channels

- **Perform a New Channel Scan:** Digital broadcasts can change, or new channels may become available. It is recommended to perform a channel scan every few months.
- **Adjust Antenna Direction:** Different channels may broadcast from different directions. Try adjusting the antenna's orientation and rescanning.
- **Consult AntennaWeb:** Use antennaweb.org to identify available channels and their broadcast directions in your specific location.

SPECIFICATIONS

Model Number	SDV8311B/27
Brand	Philips
Antenna Type	Indoor TV Antenna
Reception Bands	VHF, UHF
Maximum Range	Up to 40 miles
Resolution Support	1080P, 4K Ready
Coaxial Cable Length	6 feet
Amplifier	Included (Indoor Amplifier)
Dipoles	Extendable up to 15 inches
Impedance	50 Ohms
Dimensions (W x H x D)	8.0 in (203.2 mm) x 5.0 in (127.0 mm) x 0.5 in (12.7 mm)
NextGen TV (ATSC 3.0) Compatible	Yes

Compatible with  **NEXTGEN TV**

**FULLHD
1080P**

**4K
READY**

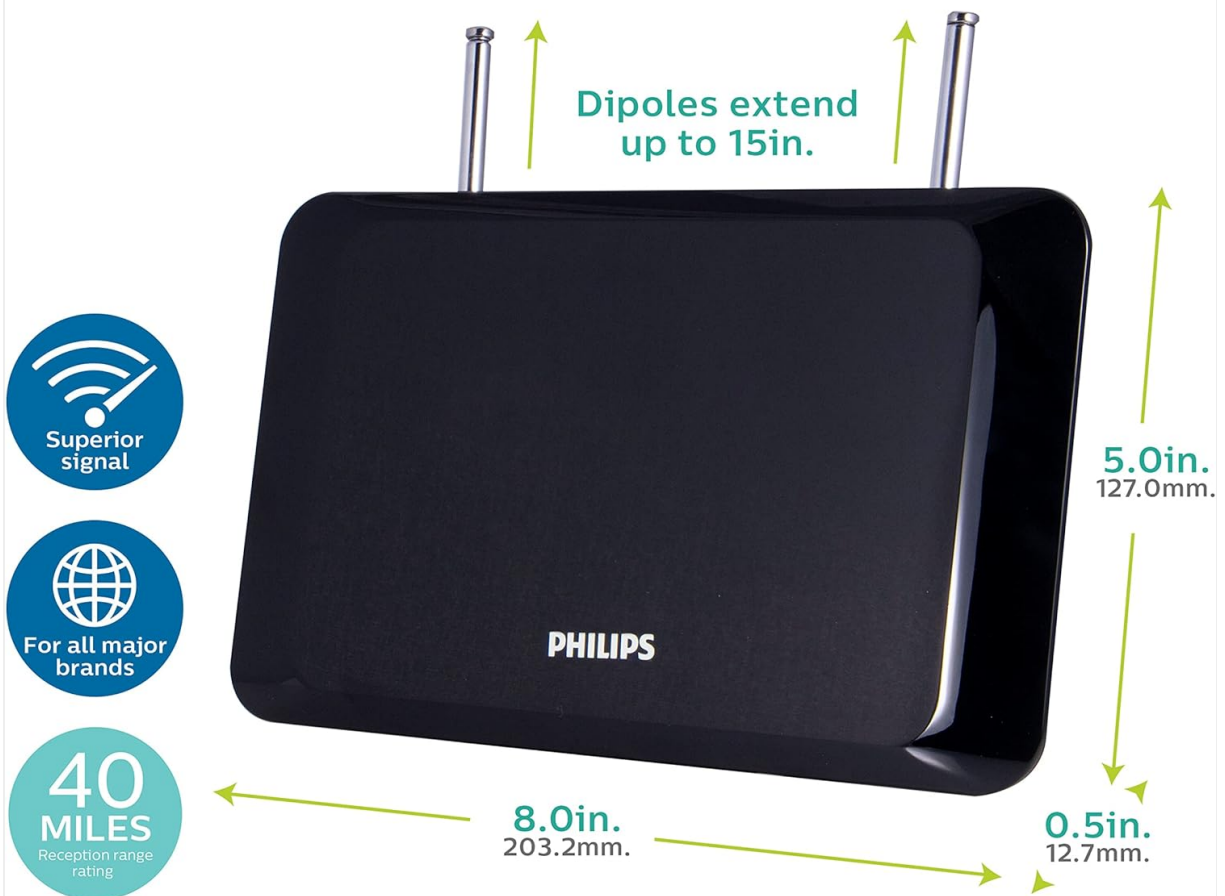


Image: Overview of the Philips Indoor TV Antenna, highlighting its dimensions and key features.

WARRANTY INFORMATION

This Philips SDV8311B/27 Indoor TV Antenna comes with a limited lifetime warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official Philips support website.

CUSTOMER SUPPORT

For technical assistance or further inquiries, please contact Philips customer support. Free and friendly U.S.-based technical support is available to assist you with any questions or issues you may encounter.

Please have your model number (SDV8311B/27) ready when contacting support.