

Telestar 5109470

Telestar DIGIFLAT 1 Single Sat Flat Antenna User Manual

Model: 5109470

1. INTRODUCTION

Thank you for choosing the Telestar DIGIFLAT 1 Single Sat Flat Antenna. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new satellite antenna. Please read these instructions carefully before proceeding with installation and keep them for future reference.

The Telestar DIGIFLAT 1 is a compact and discreet flat antenna designed for receiving satellite signals for one participant. Its robust and weather-resistant construction ensures stable signal quality in various conditions, while its high reception performance supports HD, 3D, and Ultra HD broadcasts.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power to your receiver/TV before connecting or disconnecting the antenna cable. Avoid contact with live electrical wires.
- **Installation Safety:** Exercise extreme caution when working at heights. Use appropriate safety equipment such as ladders, harnesses, and protective gear. Ensure the mounting surface is strong enough to support the antenna and withstand wind loads.
- **Weather Conditions:** Do not install the antenna during thunderstorms, strong winds, or other adverse weather conditions.
- **Cable Management:** Secure all cables to prevent tripping hazards and damage from weather or animals.
- **Children:** Keep packaging materials and small parts away from children.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Telestar DIGIFLAT 1 Flat Antenna
- Mast Mounting Bracket with Clamp
- Wall Mounting Bracket

- Window Mounting Bracket
- Stand (for temporary setup or testing)
- Assembly Tools
- Screw Set
- Installation Instructions (this manual)
- Warranty Card

4. SETUP AND INSTALLATION

Before installation, ensure you have a clear line of sight to the desired satellite (e.g., Astra 19.2°E for Europe). Obstructions like trees or buildings can block the signal.

4.1 Choosing a Mounting Location

The DIGIFLAT 1 offers flexible mounting options:

- **Wall Mounting:** Ideal for permanent installation on an exterior wall.
- **Mast Mounting:** Suitable for mounting on a satellite pole or balcony railing.
- **Window Mounting:** For discreet installation on a window frame.

Select a location that provides the best possible signal reception and is easily accessible for installation and adjustment, while also considering safety.

4.2 Mounting the Antenna

Follow the specific instructions for your chosen mounting method:

Mast Mounting



Image: Telestar DIGIFLAT 1 Flat Antenna with mast mounting bracket.

1. Attach the mast mounting bracket to the antenna using the provided screws.
2. Secure the antenna assembly to a sturdy mast or pole using the clamp and bolts. Ensure it is firmly tightened to prevent movement in wind.

Wall Mounting



Image: Telestar DIGIFLAT 1 Flat Antenna with wall mounting bracket.

1. Attach the wall mounting bracket to the antenna.
2. Mark the drilling points on the wall. Drill holes and insert appropriate wall plugs.
3. Securely fasten the antenna to the wall using the provided screws.

Window Mounting



Image: Telestar DIGIFLAT 1 Flat Antenna with window mounting bracket.

1. Attach the window mounting bracket to the antenna.
2. Carefully position and secure the bracket to the window frame. Ensure it does not obstruct window operation.

4.3 Connecting the Antenna



Image: Rear view of the Telestar DIGIFLAT 1 antenna, highlighting the LNB connection.

1. Connect a coaxial cable (F-connector) from the antenna's LNB output to the satellite input of your receiver or TV.
2. Ensure all connections are tight and weatherproof.

4.4 Antenna Alignment

Accurate alignment is crucial for optimal signal reception.

1. **Rough Alignment:** Use the included compass to determine the approximate direction of the satellite (e.g., South-East for Astra 19.2°E in Germany). Adjust the antenna horizontally (azimuth) to this direction.
2. **Elevation Adjustment:** Set the vertical angle (elevation) according to your geographical location. Consult online resources or satellite finder apps for precise elevation angles.
3. **Fine-tuning:** Connect a satellite signal finder or use the signal strength/quality meter on your receiver/TV. Make small, gradual adjustments to both azimuth and elevation until the signal strength and quality are maximized. Tighten all bolts once optimal signal is achieved.

5. OPERATING THE ANTENNA

Once installed and aligned, the Telestar DIGIFLAT 1 antenna operates passively, receiving satellite signals. Your satellite receiver or TV will process these signals.

- **Channel Scan:** Perform a channel scan on your satellite receiver or TV to find available channels. Refer to your receiver/TV manual for specific instructions.
- **Signal Quality:** Periodically check the signal quality on your receiver/TV, especially after severe weather, to ensure optimal performance.

6. MAINTENANCE

The Telestar DIGIFLAT 1 is designed for minimal maintenance due to its robust and weather-resistant construction.

- **Cleaning:** Occasionally clean the surface of the antenna with a soft, damp cloth to remove dirt, dust, or debris that might accumulate and affect signal reception. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect all mounting hardware and cable connections for tightness and signs of wear or corrosion. Tighten any loose bolts.
- **Snow/Ice:** In areas with heavy snowfall, gently remove accumulated snow or ice from the antenna surface to maintain signal quality. Do not use sharp objects.

7. TROUBLESHOOTING

If you experience issues with your satellite reception, consider the following:

- **No Signal / Poor Signal Quality:**
 - Check all cable connections between the antenna and your receiver/TV. Ensure they are secure and not damaged.
 - Verify that there are no new obstructions (e.g., growing trees, new buildings) blocking the line of sight to the satellite.
 - Re-check the antenna alignment (azimuth and elevation) using a signal meter. Even slight shifts can impact reception.
 - Ensure your receiver/TV is correctly configured for satellite reception and the correct satellite is selected.
- **Intermittent Signal:**
 - This could be due to loose connections or minor antenna misalignment. Re-tighten connections and fine-tune alignment.
 - Heavy rain or snow can temporarily degrade signal quality. If the issue persists after weather improves, check alignment.
- **Picture Freezing / Pixelation:**
 - Indicates a weak or unstable signal. Re-align the antenna for maximum signal quality.
 - Check for damaged coaxial cables, especially if exposed to the elements.

If problems persist after following these steps, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	5109470
Antenna Type	Flat Satellite Antenna
LNB Type	Single LNB (0.2dB)
Number of Participants	1
Antenna Gain	33.7 dBi
LNB Amplification	60 dB
Impedance	50 Ohm
Product Dimensions (L x W x H)	51.4 x 6.9 x 27.4 cm
Weight	4.5 kg
Color	Light Grey

9. WARRANTY

The Telestar DIGIFLAT 1 Single Sat Flat Antenna comes with a**2-year manufacturer's warranty** from the date of

purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or natural disasters. Please retain your proof of purchase (receipt or invoice) as it will be required for any warranty claims. For warranty service, please contact your retailer or Telestar customer support.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your Telestar DIGIFLAT 1 antenna, please refer to the following:

- **Retailer:** Contact the store or online vendor where you purchased the product.
- **Manufacturer Website:** Visit the official Telestar website for FAQs, additional documentation, and contact information.
- **Customer Service:** Refer to the contact details provided on your warranty card or the Telestar website for direct customer support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question