

YUSTDA TNS30W-xy-z

YUSTDA 24V AC/DC Adapter Instruction Manual

Model: TNS30W-xy-z | Compatible with Samsung HW-H551 Series Sound Bars

1. INTRODUCTION

This instruction manual provides important information regarding the safe and efficient use of your YUSTDA 24V AC/DC Power Adapter, model TNS30W-xy-z. This adapter is designed to provide reliable power to compatible devices, specifically Samsung HW-H551 series sound bars. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input voltage range (100-240VAC).
- **Overload Protection:** Do not overload the adapter. Connect only devices that require the specified output voltage and current.
- **Cable Care:** Avoid bending, twisting, or pinching the power cord. Keep it away from heat sources and sharp edges.
- **Disconnection:** Always unplug the adapter from the power outlet before cleaning or if it will be unused for an extended period.
- **Damage:** Do not use the adapter if the cord, plug, or casing is damaged. Contact support for assistance.
- **Certifications:** This adapter is manufactured with high-quality materials and meets FCC, CE, and RoHS certification standards.

Durable & Compact Design



Durable Design
High quality control procedures to ensure safe, durable operation for years to come.

Compact Design
Compact design, perfect for your home, office and travel needs.

Image: Safety Design with Multiple Protections. This image illustrates the built-in safety features of the YUSTDA power adapter, including protection against over-temperature, over-voltage, over-current, and short circuits, ensuring reliable and safe operation.

3. PRODUCT OVERVIEW

The YUSTDA TNS30W-xy-z AC/DC adapter is a robust power supply designed for specific Samsung sound bar models. It features a durable construction and incorporates advanced technology for stable power delivery.



Image: YUSTDA 24V AC/DC Power Adapter. This image displays the main unit of the YUSTDA power adapter, showing its model number (TNS30W-xy-z), input/output specifications, and various safety certifications.

Key Features:

- **Wide Input Voltage:** Supports worldwide input voltage from 100-240VAC, 50/60Hz.
- **Stable Output:** Provides a stable 24VDC output.
- **Total Cable Length:** Features a total power cord length of approximately 10 feet (3 meters).
- **Anti-interference Ring:** Equipped with an anti-interference magnetic ring for enhanced reliability and stability of system operation.
- **High-Quality Cable:** Constructed with high-quality copper wire and a durable PVC insulation jacket for longevity and safety.
- **Multiple Protections:** Includes over-current, total power, over-voltage, and short circuit protection.
- **Durable & Compact Design:** Engineered for durability and a compact form factor, suitable for various environments.

Anti-interference Magent Ring For the reliability
and stability of system operation

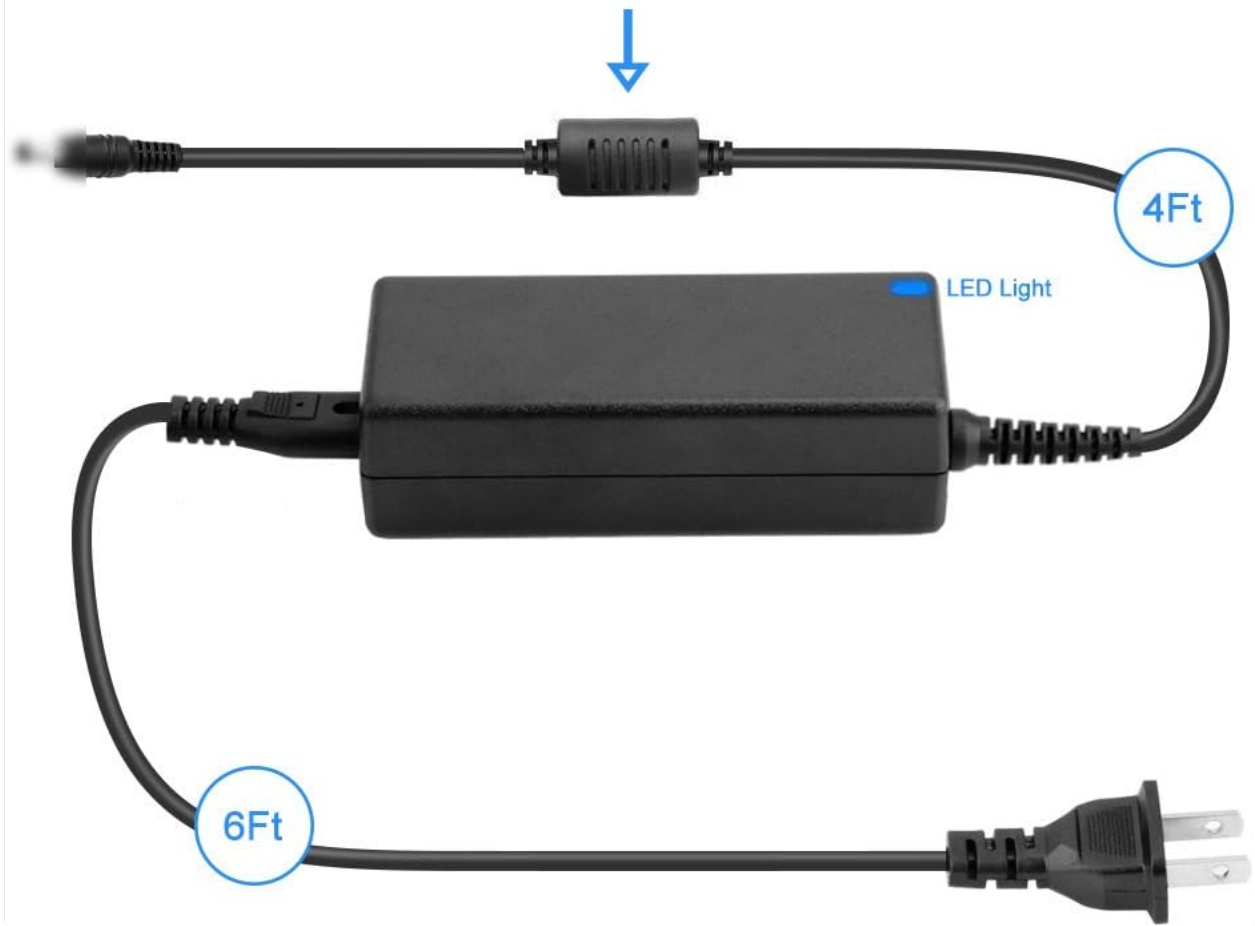


Image: Adapter Cable Lengths and Anti-interference Ring. This image illustrates the power adapter connected to its cables, highlighting the approximate 4ft DC output cable and 6ft AC input cable, along with the anti-interference magnetic ring for stable operation.

High Quality Power Cable Design



Image: High Quality Power Cable Design. This image provides a detailed cross-section view of the power cable,

emphasizing the use of high-quality copper wire for efficient conductivity and a robust PVC insulation jacket for durability and safety.



Image: Durable & Compact Design. This image highlights the durable construction and compact size of the YUSTDA power adapter, designed for long-term, safe operation and convenient use in various settings.

4. SETUP INSTRUCTIONS

Follow these steps to properly set up your YUSTDA power adapter:

1. **Verify Compatibility:** Ensure your device (e.g., Samsung HW-H551 Sound Bar) requires a 24V DC power input and has a compatible barrel connector.
2. **Connect to Device:** Insert the DC output plug of the adapter firmly into the power input port of your sound bar.
3. **Connect to Power Outlet:** Plug the AC input cord of the adapter into a standard 100-240VAC wall outlet.
4. **Power On:** Once connected, your device should receive power. Check for any power indicators on your sound bar. The adapter itself may have an LED indicator to show it is receiving power.

5. OPERATING INSTRUCTIONS

The YUSTDA power adapter operates automatically once connected to a power source and a compatible device. No user intervention is typically required during operation.

- **LED Indicator:** The adapter features an LED light that illuminates when the adapter is receiving power and functioning correctly.
- **Continuous Power:** The adapter is designed for continuous power supply to your device.
- **Disconnection:** To power off your device, either use the device's power button or unplug the adapter from the wall outlet.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power adapter:

- **Cleaning:** Disconnect the adapter from the power source and device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of wear, cuts, or damage. If damage is found, discontinue use and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your power adapter, refer to the following common problems and solutions:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into both the wall outlet and your device.
 - Check if the wall outlet is functioning by plugging in another device.
 - Verify that the adapter's LED indicator is illuminated. If not, the adapter may not be receiving power or may be faulty.
 - Confirm that your device is compatible with a 24V DC power supply.
- **Intermittent Power:**
 - Check all connections for looseness.
 - Inspect the cables for any visible damage or fraying.
 - Ensure the adapter is not overheating. Provide adequate ventilation.
- **Adapter Overheating:**
 - Ensure the adapter is not covered or placed in an enclosed space.
 - Verify that the connected device's power requirements do not exceed the adapter's output capacity.
 - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please contact customer support for further assistance.

8. SPECIFICATIONS

Model Number	TNS30W-xy-z
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	24 Volts DC
Connector Type	Barrel Connector
Compatible Devices	Samsung HW-H551 Series Sound Bars
Cable Length	Approximately 10 feet (3 meters) total
Safety Features	Over current protection, Total power protection, Over voltage protection, Short Circuit Protection
Certifications	CE, FCC, RoHS

Item Weight	9.7 ounces
Package Dimensions	6.69 x 4.25 x 1.46 inches

9. WARRANTY AND SUPPORT

YUSTDA products are manufactured with quality and reliability in mind. For any questions, concerns, or technical support regarding your TNS30W-xy-z power adapter, please do not hesitate to contact our customer service team.

Customer Support Email: epcustomerservice@yahoo.com

Please provide your product model number (TNS30W-xy-z) and a detailed description of your issue when contacting support to ensure a prompt and efficient resolution.