

SatelliteSale DSWM30

SatelliteSale AT&T DIRECTV DSWM30 Satellite Multiswitch User Manual

Model: DSWM30

1. INTRODUCTION

The SatelliteSale AT&T DIRECTV DSWM30 Satellite Multiswitch is designed to distribute satellite signals to multiple tuners in large-scale installations. This multiswitch supports up to 30 tuners across two banks of 15, facilitating efficient signal management for DIRECTV systems. It is compatible with 4K content and can be used with international World DIRECT dishes.

This manual provides essential information for the proper installation, operation, and maintenance of your DSWM30 multiswitch to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the DSWM30 multiswitch. Failure to follow these instructions may result in injury or damage to the equipment.

- **Power Source:** Ensure the multiswitch is powered by the specified PI-29 Power Inserter (sold separately). Using an incorrect power source can damage the unit.
- **Installation Environment:** Install the multiswitch in a dry, protected location, away from direct sunlight, rain, and extreme temperatures.
- **Cabling:** Use high-quality coaxial cables with proper shielding to prevent signal loss and interference.
- **Grounding:** Ensure proper grounding of the satellite dish and multiswitch according to local electrical codes.
- **Servicing:** Do not attempt to open or service the multiswitch yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x SatelliteSale AT&T DIRECTV DSWM30 Satellite Multiswitch
- Mounting Screws (if included)

Note: The PI-29 Power Inserter is required for operation and is sold separately.

4. PRODUCT OVERVIEW

The DSWM30 multiswitch is designed for robust performance in satellite signal distribution. It features multiple input and output ports for connecting to a satellite dish and various receivers.



Figure 4.1: Front view of the DSWM30 multiswitch, illustrating the various coaxial connections for satellite input and SWM outputs.

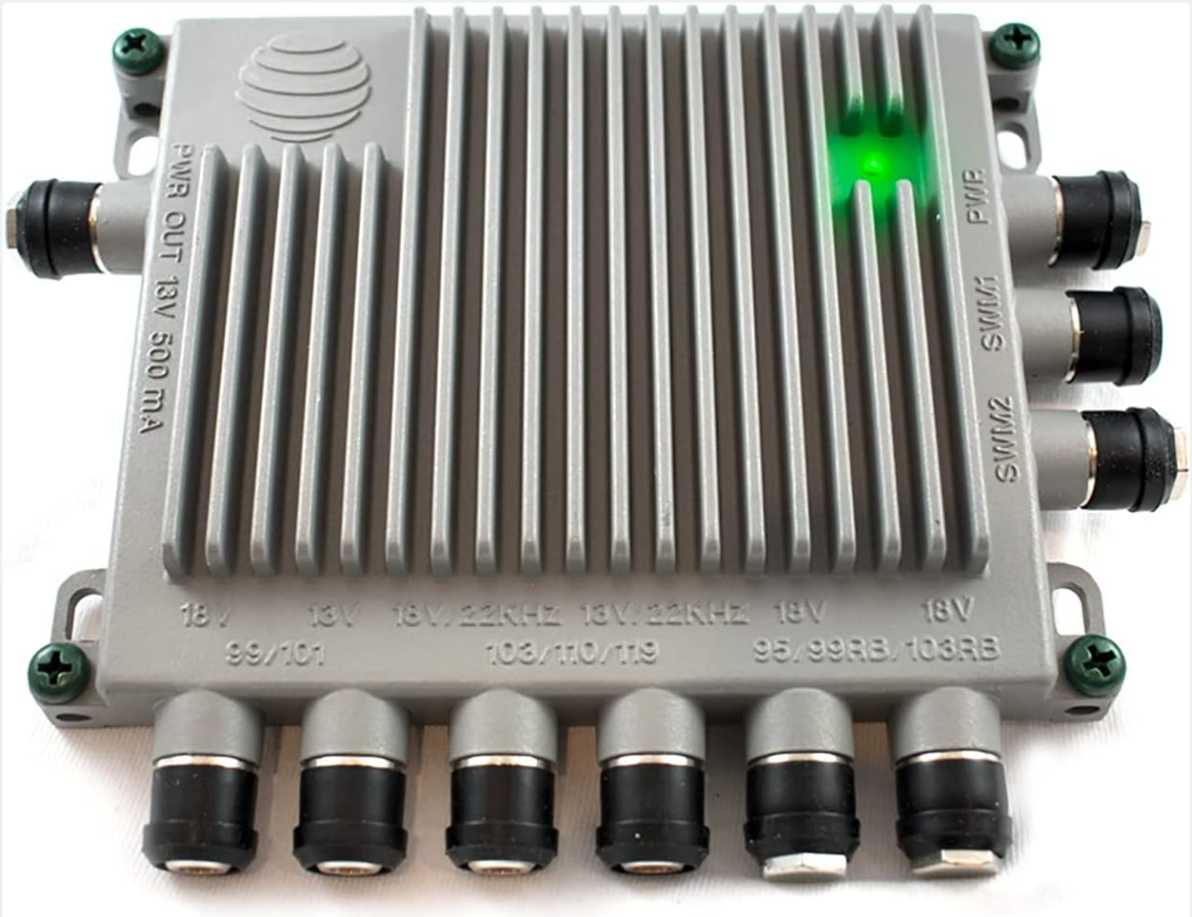


Figure 4.2: Top view of the DSWM30 multiswitch, highlighting the AT&T logo, power indicator light, and labels for SWM1, SWM2, and Power ports.



Figure 4.3: Detailed view of the SWM1, SWM2, and PWR output ports, where SWM-capable receivers connect and power is injected.



Figure 4.4: Close-up of the PWR OUT 13V 500mA port, indicating its capability to power coax-powered devices.

Key Features:

- Supports two banks of 15 tuners (no MoCA/MRV crossover) for a total of 30 tuners.
- Functions as a replacement for SWM-8, SWM-16, and SWM-32 multiswitches.
- Compatible with previous generation Slimline dishes, Genie, and Genie 2 systems.
- Provides 13V, 500mA power output for coax-powered devices.
- Requires a PI-29 Power Inserter (sold separately) for operation.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your DSWM30 multiswitch:

1. **Mounting:** Securely mount the DSWM30 multiswitch in a suitable, protected location using appropriate screws. Ensure adequate ventilation around the unit.
2. **Satellite Dish Connection:** Connect the coaxial cables from your DIRECTV satellite dish (e.g., Slimline dish) to the input ports on the DSWM30 multiswitch. Refer to the labels on the multiswitch for correct input connections (e.g., 99/101, 103/110/119, 95/99RB, 103RB).
3. **Receiver Connection:** Connect SWM-capable DIRECTV receivers (H21 or higher, D12, HR20 or higher, HS17) to the SWM1 and SWM2 output ports on the multiswitch. Each SWM output can support up to 15 tuners.
4. **Power Inserter Connection:** Connect the PI-29 Power Inserter (sold separately) to the PWR port on the DSWM30 multiswitch. Ensure the power inserter is plugged into a functional electrical outlet. The multiswitch requires this external power source to operate.
5. **WorldDIRECT Dish (Optional):** If using an international WorldDIRECT dish, a WD-DIPLEXER-09 diplexer (sold separately) is required for proper integration.
6. **Verify Connections:** Double-check all coaxial cable connections to ensure they are tight and secure. Loose connections can lead to signal loss or intermittent service.

6. OPERATING INSTRUCTIONS

Once properly installed and powered, the DSWM30 multiswitch operates automatically to distribute satellite signals.

- **Power Indicator:** A green LED light on the multiswitch (refer to Figure 4.2) indicates that the unit is receiving power and functioning correctly.
- **Signal Distribution:** The multiswitch will automatically route the appropriate satellite signals to the connected SWM-capable receivers.
- **Tuner Support:** Each SWM output (SWM1, SWM2) can support up to 15 tuners. Ensure your receiver configuration does not exceed this limit per output.
- **Coax-Powered Devices:** The PWR OUT 13V 500mA port can be used to power compatible coax-powered devices, if needed.

7. MAINTENANCE

The DSWM30 multiswitch requires minimal maintenance to ensure reliable operation.

- **Cleaning:** Periodically wipe the exterior of the multiswitch with a soft, dry cloth to remove dust. Do not use liquid cleaners or solvents.
- **Cable Inspection:** Regularly inspect all coaxial cable connections for signs of wear, corrosion, or looseness. Tighten or replace cables as necessary.
- **Environmental Check:** Ensure the installation environment remains dry and free from excessive heat or moisture.

8. TROUBLESHOOTING

If you encounter issues with your DSWM30 multiswitch, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No signal on receivers	No power to multiswitch; Loose cable connections; Dish alignment issue; Faulty multiswitch.	Check power inserter connection and outlet. Ensure green LED is on. Tighten all coaxial connections. Verify satellite dish alignment. If issues persist, contact support.
Green LED is off	Power inserter not connected or faulty; Power outlet issue; Faulty multiswitch.	Ensure PI-29 Power Inserter is correctly connected to the PWR port and plugged into a working outlet. Test the outlet with another device. Replace power inserter if necessary.
Intermittent signal loss	Loose or damaged coaxial cables; Environmental interference; Overheating.	Inspect and tighten all cable connections. Replace any damaged cables. Ensure multiswitch is in a well-ventilated area.

Problem	Possible Cause	Solution
Receivers not recognized	Receiver not SWM-capable; Incorrect receiver settings; Exceeding tuner limit.	Confirm receivers are SWM-capable. Check receiver settings for SWM configuration. Ensure no more than 15 tuners are connected per SWM output.

9. SPECIFICATIONS

Model Number	DSWM30
Manufacturer Part Number	DSWM30
Brand	SatelliteSale (Manufactured by DIRECTV)
Number of Channels/Tuners	30 (two banks of 15 tuners)
Power Output	13V, 500mA (for coax-powered devices)
Wattage	6.5 watts
Compatible Devices	DIRECTV Satellite Receivers (SWM-capable: H21+, D12, HR20+, HS17), Slimline dishes, Genie, Genie 2
Required Accessory	PI-29 Power Inserter (sold separately)
UPC	762691003677
ASIN	B072MFV8P8

10. WARRANTY INFORMATION

The SatelliteSale AT&T DIRECTV DSWM30 Satellite Multiswitch comes with a **1-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your purchase or contact the manufacturer directly.

11. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or the manufacturer, SatelliteSale. You may find contact information on the product packaging or the SatelliteSale official website.

When contacting support, please have your product model number (DSWM30) and proof of purchase readily available.

