

DIRECTV WVB

DIRECTV Wireless Video Bridge (WVB) Instruction Manual

1. INTRODUCTION

The DIRECTV Wireless Video Bridge (WVB) is designed to enable wireless transmission of DIRECTV signals to compatible Genie Clients within your home. This device facilitates the connection of C41W and C61W Genie Minis without the need for direct coaxial cable runs to each client location.

One Wireless Video Bridge can support up to 8 C41W Genie Minis, providing flexibility in your home entertainment setup. A SWM (Single Wire Multiswitch) network and a Genie System are required for the operation of this device.

2. SAFETY INFORMATION

- Ensure the device is placed in a well-ventilated area to prevent overheating.
- Do not expose the device to water or excessive moisture.
- Use only the provided power adapter.
- Keep the device away from heat sources and direct sunlight.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- DIRECTV Wireless Video Bridge (WVB) unit
- Detachable stand
- Power adapter



Image: Contents of the DIRECTV Wireless Video Bridge package, showing the main unit, its detachable stand, and the power adapter.

4. PRODUCT OVERVIEW

The Wireless Video Bridge features several ports and indicators for connectivity and status monitoring.





Image: Side view of the DIRECTV Wireless Video Bridge, highlighting its various ports and LED indicators.

Key Components:

- **Power LED:** Indicates the power status of the device.
- **Ethernet Port:** For wired network connection (optional).
- **Coaxial Input (SWM):** Connects to your DIRECTV SWM network.
- **Power Input:** Connects to the provided power adapter.
- **Wireless Status LED:** Indicates the status of the wireless connection to Genie Minis.

5. SETUP INSTRUCTIONS

Follow these steps to install and configure your DIRECTV Wireless Video Bridge:

1. **Placement:** Position the Wireless Video Bridge in a central location within your home, ideally within range of all C41W/C61W Genie Minis you intend to connect. Ensure it is at least 4 feet away from your main Genie DVR to avoid potential interference.
2. **Connect to SWM Network:** Connect a coaxial cable from your SWM splitter or SWM network to the

Coaxial Input port on the Wireless Video Bridge. Ensure your SWM network is properly powered, typically by a separate SWM power inserter. Failure to power the SWM network can result in a "775 Error - Problem Communicating with the Dish."

3. **Power On:** Connect the provided power adapter to the Power Input port on the Wireless Video Bridge, then plug the adapter into an electrical outlet. The Power LED should illuminate.
4. **Initial Boot-up:** Allow the Wireless Video Bridge several minutes to boot up and establish a connection to your main Genie DVR. The Wireless Status LED may flash during this process.
5. **Pairing with Genie Minis:**
 - On your main Genie DVR, navigate to the menu settings and select "Add Client."
 - The Genie DVR will put the Wireless Video Bridge into beacon mode, indicated by a flashing green/blue light on the WVB.
 - On your C41W/C61W Genie Mini, follow the on-screen prompts to connect to the Wireless Video Bridge. The network link on the Genie Mini should light up once connected.
6. **Activation:** After physical installation and pairing, you may need to contact DIRECTV customer service to activate the new equipment on your account. Be prepared to provide the serial numbers and model numbers of both your Wireless Video Bridge and Genie Minis.

6. OPERATING INSTRUCTIONS

Once properly installed and activated, the DIRECTV Wireless Video Bridge operates automatically. It continuously provides a wireless signal for your compatible Genie Minis to receive DIRECTV programming.

- Ensure the Wireless Video Bridge remains powered on for continuous service to your wireless Genie Minis.
- The Wireless Status LED should be solid green or blue, indicating an active wireless connection.

7. MAINTENANCE

The DIRECTV Wireless Video Bridge requires minimal maintenance:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- **Firmware Updates:** Firmware updates are typically handled automatically by the DIRECTV system.

8. TROUBLESHOOTING

If you encounter issues with your Wireless Video Bridge, refer to the following common solutions:

Problem	Possible Cause / Solution
"775 Error - Problem Communicating with the Dish" on Genie Mini.	This error often indicates an issue with the SWM network power. Ensure the SWM power inserter is correctly connected and powered on, typically near your main Genie DVR or satellite dish connection point.

Problem	Possible Cause / Solution
Genie Mini cannot find the Wireless Video Bridge or connect wirelessly.	<ul style="list-style-type: none"> • Verify the Wireless Video Bridge is powered on and its Power LED is illuminated. • Ensure the coaxial cable is securely connected to the WVB and the SWM network. • Confirm the WVB is in beacon mode (flashing green/blue light) by selecting "Add Client" on your main Genie DVR. • Check the distance between the WVB and the Genie Mini. While designed for wireless, extreme distances or multiple obstructions can weaken the signal. • Restart both the Wireless Video Bridge and the Genie Mini.
New equipment not activating after setup.	Contact DIRECTV customer service. Activation of new or self-installed equipment often requires their intervention. Be ready to provide model and serial numbers.
Intermittent signal or poor picture quality on wireless Genie Mini.	<ul style="list-style-type: none"> • Relocate the Wireless Video Bridge to a more central position or closer to the affected Genie Mini. • Ensure there are no large metal objects or other wireless devices causing interference near the WVB or Genie Mini. • Check the signal strength indicator on your Genie Mini (if available in its diagnostic menu).

9. SPECIFICATIONS

Feature	Detail
Brand	DIRECTV
Model Name	WVB
Compatible Devices	DIRECTV Genie Minis C41W and C61W
Connectivity Technology	Wireless
Recommended Use	Enabling wireless connectivity for Genie Minis to extend DIRECTV service
Data Transfer Rate	54 Megabits Per Second
Frequency	6.75 MHz
Wattage	41 watts
Indoor/Outdoor Usage	Indoor
Item Weight	1.1 pounds
Package Dimensions	10.5 x 7 x 2.5 inches

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official DIRECTV website or contact DIRECTV customer service directly. Keep your purchase receipt and product serial number handy for any inquiries.

DIRECTV Customer Service: <https://www.directv.com/support>