



Antenna Pros Spectrum 9 SP-939 Outdoor Digital TV Antenna Manual

Features

- Antenna supports multiple TV sets at the same time
- VHF/UHF/FM
- Simplest installation – only 3 steps!
- Works with all digital signals
- Fits all types of TVs
- Infrared wireless remote to rotate antenna 360 degrees
- Can be aimed in any direction
- Ideal for rural or suburban areas
- 100% DTV and HDTV ready
- Has an optional manual operation
- Built in high gain booster and super low noise amplifier
- Works anywhere in the world
- Supports all OTA, FTA stations

Technical Information

- Frequency: 47-860 MHz
- VHF Gain: 25 ± 5 dB
- UHF Gain: 30 ± 5 dB
- FM Gain: 25dB
- Max output level: 100 dB
- Impedance: 75Ω
- Input Voltage : AC 110V/DC 8V
- Remote distance: 5M
- Rotating speed: 4~6 round/min
- Max rotation: 360 degrees
- Maximum Signal Amplification

Assembling Your Antenna in 3 Easy Steps

1. *Push the front portion into the main unit.*
2. *Attach back reflectors to make an X shape behind the antenna*
3. *Mount the antenna on a 1 inch pole*

Connections

Once the antenna is assembled, connect the antenna to the control box. The antenna needs to be connected directly to the control box without any splitters or connectors in order for the rotor to work, since the rotor needs electricity from the control box for power.

The control box has two TV outputs that will need to connect to the back of your TV. You can have TV2 lead to a second TV, or leave it unplugged if you don't need it. Here is also where you can use splitters and connectors. **Note:** The more connectors or splitters you have, the more signal loss you will experience.

**If you do not have a digital TV, you will need to connect TV1/TV2 to a converter box, and then connect the converter box to the back of your TV

Now it's time to turn on your TV and prepare it to accept your antenna. Each TV brand will vary, so for this example we will use an LG LCD TV as reference.

1. Go to the TV's Menu screen. Usually you can get there by pressing "Menu" on your controller
2. From Menu, go to Channel Settings
3. Be sure that you have selected "Antenna" for your TV. You may find that it has been set to "Satellite" or "Cable" by default
4. Select "Auto Tuning" or "Scan." This will update your channel information and at the end your TV will tell you how many channels you are receiving and whether your signal is strong or weak.
5. Your antenna is now ready for watching! If you received "Weak Signal" you may want to rotate your antenna with either the remote or by pressing the button on the control box. Repeat step 4 after pointing in a different direction.

Additional Information

- This antenna is a directional antenna, so it is important that you make sure to have it facing whichever direction most of your broadcast towers are located
- The antenna will rotate in one direction for 360 degrees, and then it will reverse itself and rotate in the opposite direction for 360 degrees. This is to prevent your coaxial cable from winding around your mounting pole
- If your antenna is mysteriously rotating, it could be that the remote for your television is interfering with its signal, since they are both infrared. When adjusting your TV volume, try pointing away from the antenna

Frequently Asked Questions

Q: Do we need a converter box?

A: Yes you would need a converter box if you do not have a digital TV. This is the general rule for all antennas, not just this model. If you are unsure whether you have a digital tuner or not, you can check with the manufacturer of your TV. Chances are good that you do not have a digital TV if you bought your TV before 2009. When you scan for channels and it shows 0 channels then most likely you have an analog TV.

Q: I have more than one TV in my house. Can this antenna be used for all of them?

A: Yes. You may split the coaxial cable, but do keep in mind that each time you split the cable there will be a decrease in reception strength as it travels through the various cables before reaching each TV. Another option would be to purchase a Distribution Amplifier, which will keep your signal strength strong and has multiple other ports for you to run various cables. Antenna Hub has a [Distribution Amplifier](#) category that you can browse through to purchase one.