

# Antenna Pros Spectrum 7 Outdoor Digital TV Antenna Manual SP-07












## Features

- Quick, convenient, tool-free installation
- 360 degree rotation
- Power supply equipped with overload protection function
- Infrared remote included
- VHF/UHF channels and FM receivable
- Works with all digital signals
- Fits all types of TVs
- 100% DTV and HDTV ready
- Built in high gain booster and super low noise amplifier
- Works anywhere in the world
- Supports all OTA, FTA stations

## Technical Information

- Receive range: UHF/VHF/FM
- Frequency: 40-862MHz
- Channels: 1-69
- Elements: 14
- VHF gain:  $20 \pm 3\text{dB}$
- UHF gain:  $28 \pm 5\text{dB}$
- Max output level: 95dB
- Impedance:  $75 \Omega$
- Power: 3W
- Input voltage: AC 110V  $\pm 10\%$ /50Hz
- Rotating: 360 degrees
- Maximum Signal Amplification

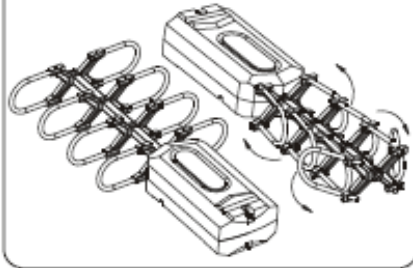
## Shipping List

NO.	Name	Specification	Qty	Image
1	Main Unit		1	
2	VHF dipole clip		1	
3	VHF dipole clip		2	
4	Wing nut	M4	6	
5	Refelctor		2	
6	VHF dipole		2	
7	UHF dipole		2	
8	75 $\Omega$ 1.2m Signal Wire		1	
9	Power Supply		1	
10	Remote controller		1	
11	Instruction manual		1	

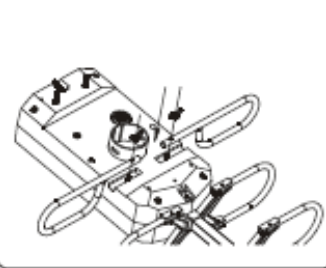
## INSTALLATION GUIDE

### The antenna is finished after above 5 steps

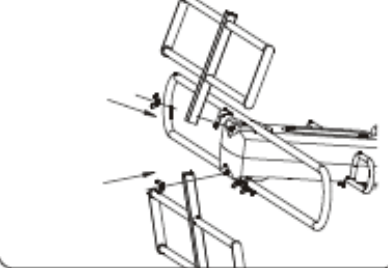
① Open UHF director



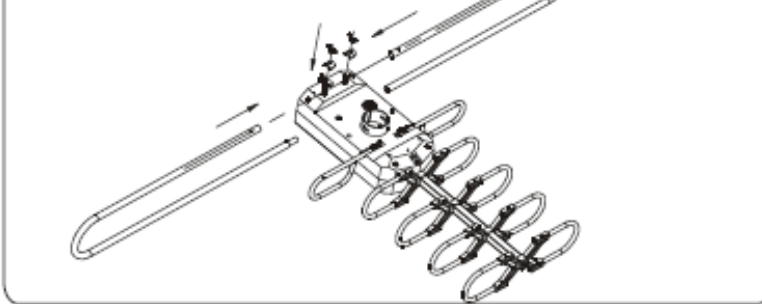
② UHF dipole installation



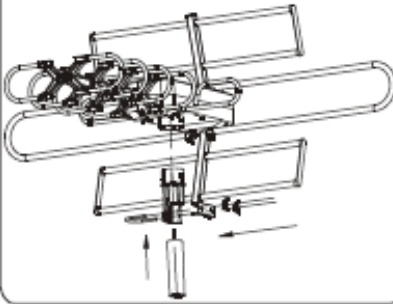
④ Reflector installation



③ VHF dipole installation



⑤ Antenna mast installation

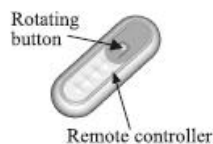
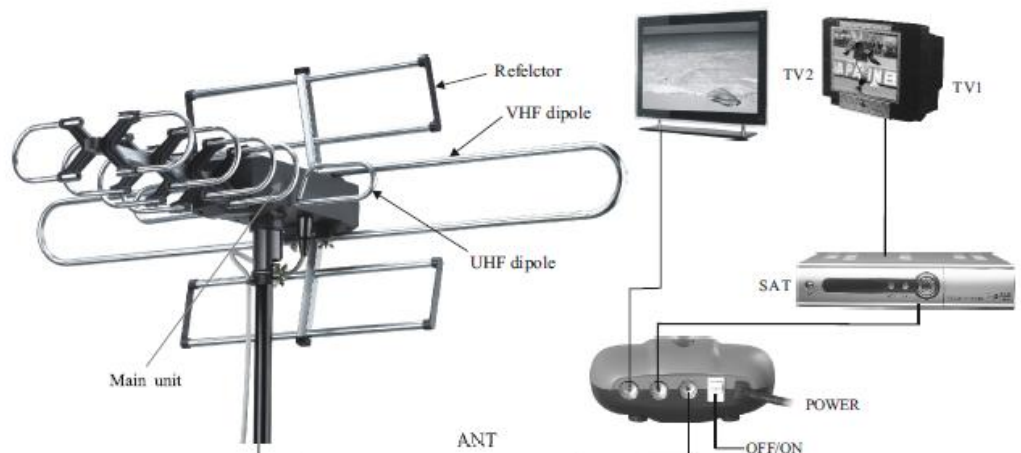


### Connections

1. Lead the cable running from the main unit to the back of the power supply where it reads "Ant In." Plug in the power supply.
2. Connect a coaxial cable from the back of the power supply (TV1) to the back of your TV where it reads "Ant" or "Antenna/Cable In." Be sure to push it in fully before securing it. To secure it, turn the nut clockwise.
  - **If you have an Analogue TV:** Connect the cable labeled "TV" to the back of your converter box, and then connect your converter box to your TV.

You can connect a splitter from TV1 or TV2, but note that **the more connectors or splitters you have, the more signal loss you will experience.**

\*\* If you have a second TV, you can run another coaxial cable from the back of the power supply (TV2) to the back of the second TV. If this TV is also analogue, you will need to connect it through another converter box, like the first.



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 try pointing your antenna in a different direction where there may be more towers. **Repeat Step 4** after making adjustments.

## **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.

### **Q: How do I know if my TV is digital?**

A: There are tell-tale signs.

- If the TV was sold as "HDTV" or "DTV," it's supposed to have an ATSC tuner built in to it, so it is a digital TV. If it was sold as "HD ready TV," then it does not have a digital tuner.
- You can always check the specs in the owner's manual for your TV. Or if you no longer have your TV's manual, you can go to [www.google.com](http://www.google.com) and search the make and model of your TV to check.
- If your TV's menu has an option for "Scanning" (also sometimes called "Auto-Tune") for digital channels, then it has an ATSC tuner. If it doesn't have a way to scan for digital channels, then it doesn't have a digital tuner.
- If you purchased your TV before 2009, it may be an analogue TV so it's best to always double-check

### **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 Pros has a [Distribution Amplifier](#) category that you can browse through to purchase one.