



Antenna Pros AX-912 Indoor Digital TV Antenna Manual

Features

- Antenna supports multiple TV sets at the same time
- Can be connected to an external outdoor antenna
- Suitable for an analogue TV/radio reception
- Works with all digital signals
- Signal strength equivalent to outdoor antennas with +36gain
- Fits all types of TVs
- Infrared wireless remote to rotate antenna 180 degrees
- Can be aimed in any direction
- Parabolic focusing reception
- Ideal for rural or suburban areas
- Can receive reception ranging from up to 125 miles
- 100% DTV and HDTV ready
- Has an optional manual operation
- Built in electronic clock
- Built in high gain booster and low noise circuit
- Adjustable amplifier
- Works anywhere in the world
- Supports all OTA, FTA stations

What's in the box

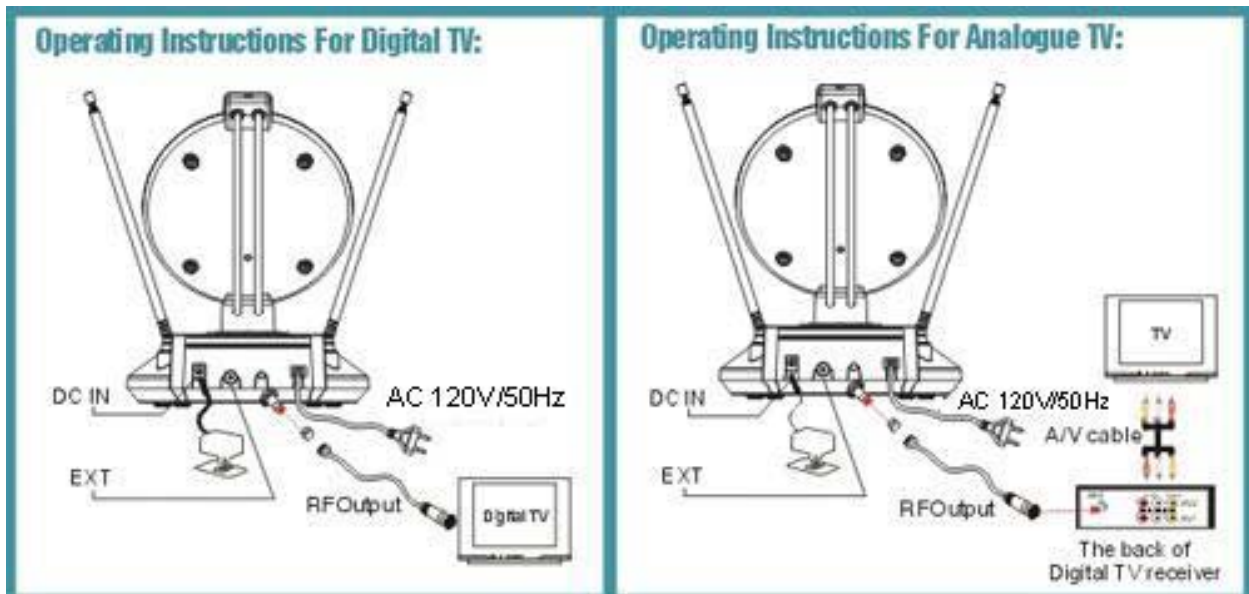
- Pre-assembled AX-912 antenna
- Infrared Remote Control
- AC adapter (pre-connected)
- Co-axial cable (pre-connected)
- Instruction booklet

Technical Information

- 15v operation possible
- AC/DC power supply alternative
- UHF/VHF TV and FM radio
- VHF/UHF full TV signals reception
- Input interface for external signal
- SMD technology
- VHF Gain: 25~25dB
- UHF Gain: 32~36dB
- Power: 3W
- Frequency: 40~910MHz
- Impedance: 75
- Remote distance: 5M
- Rotating speed: 4~6 round/min
- Max rotation: 180 degrees
- Max output level: 95dB
- Maximum Signal Amplification

Connections

- **DC 12V Input:** Optional alternative power supply
- **Antenna Ext:** To connect to outdoor antennas
- **TV:** Coaxial cable that sends signal from antenna to TV
- **Power Input:** Provides power to the antenna



Setting Up Your Antenna in 3 Easy Steps

1. Place your antenna on a sturdy, flat surface away from large metallic objects
2. Plug the Power Input in to a wall socket or outlet
3. Run the cable labeled “TV” to the back of your TV where it says “Antenna/Cable In” and be sure to push it in fully before securing. To secure it, turn the nut clockwise (to the right)
 - **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.
4. **Optional:** If you’d like to connect the AX-912 to an outdoor antenna for amplified strength, connect the coaxial cable from the outdoor antenna into “Antenna Ext” instead 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 adjust the rabbit ears and make sure your dish is pointed in the correct direction for optimal signal.

How to Set the Date and Time



There will be two oval buttons to the right of your antenna's display screen. The bottom button we will call the "Mode" button and the top button is for adjusting the number.

1. First make sure the colon is blinking. Press the Mode button once quickly. You'll now see a single digit on the left. This digit represents the Month. Set it to the respective month by using the top button. **You cannot use the Mode button to make the numbers decrease, you can only use the top button to increase the numbers until they reset.**

(Example: If the number were 3 and it was February, you would need to keep pressing the top button until it becomes 10, 11, 12, 1, and then finally 2)

2. Press the Mode button once more, and you will see a two-digit number to the right of the screen. This is the day of month. Set it with the top button, and then press the Mode button once more.
3. We now see a single digit to the left, a blinking colon, and then either the letter A or P. This stands for either AM or PM. In order to change the hour you must press the top button until it reaches your desired number.
4. Press the Mode button once more to set the minutes. Once you have finished setting the minutes with the top button, press the Mode button one last time to complete the setup. You should see the complete time, and the colons should be blinking. If you hold down on the Mode button, you will see the date you have set.

Additional Information

- This antenna is a directional antenna, so it is important that you make sure to have the dish facing whichever direction most of your broadcast towers are in
- Tilting the dish upwards does not necessarily help you improve the signal of your antenna. If anything, you may receive fewer channels that way.
- If the dish on your unit is not rotating, it could be because you have it tilted too upwards. Try resuming its original position, and then rotating it.
- The rabbit ears on the unit work like your traditional rabbit ears, so you can extend, point, and adjust them at will. However when turning the rabbit ears toward or away from you, we recommend bending the ear downwards before swiveling. This will allow you to adjust the angle at which you want it facing much easier. Only a light pressure is needed to adjust the ear. Be careful. **If you have to exert force, you are bending it against its swivel point and may result in damaging your antenna.** If you feel the absolute need to, you may also grease the swivel point so that it will rotate easier.
- 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
- Alternatively, if you somehow lose the antenna remote and wish to rotate your antenna you can do so either manually or by pointing your TV remote at the red screen on the AX-912. On your TV remote hold down either the volume or channel up/down button, and you should see the green light come on, and the antenna rotate.

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 the AX-912 alone.

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

Q: I did not receive my DC Adapter, where is it?

A: The AX-912 is not supposed to come with a DC (Direct Current) Adapter, because you are already provided with an AC (Alternating Current) adapter. They serve the same purpose – powering the antenna. DC adapters are for people who want to plug it into generators, car outlets, etc. AC adapters are useful for transmitting electricity over long distances and controlling the surge of electricity passed, so naturally it is the ideal option for your home installation.