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www.antennasdirect.com

Call Our HELP LINE at 877-825-5572.
One of our specialists can talk you through any problems you may have.

Your HDTV Antenna Specialists

We are so confident in our products that we back them with one of the industry's most comprehensive guarantees. For your further satisfaction, our customer service department is staffed with antenna specialists that can help answer questions you may have about our products.

Because we sell direct to consumers and installation professionals, we hear first hand the problems that people experience trying to receive HDTV signals. This constant feedback pushes us to continually innovate and improve our products and designs while still keeping our eye on the goal of providing the best value possible.

We are so confident in our products that we happily back them with one of the industry's most comprehensive guarantees and staff our customer service department with antenna specialists that can help select the best product for your needs.

Congratulations On Your Purchase!

Antennas Direct was founded on and operates under the premise of providing true, ultra high performance. Digital and HDTV Antenna systems specifically tuned for core DTV frequencies.

Our antenna lines have been widely recognized by broadcast engineers and industry publications for their superior design and performance for DTV.

As a member of the Inc. 500 list for 2008, we have invested significant resources into the discovery and implementation of new antenna technology and continue to test and modify antenna designs raising the bar by which antenna performance and appearance are measured.

By continuing to push the physics of television reception for higher gains in smaller packages, our extensive line of high gain, over-the-air antennas is rapidly becoming the obvious choice for any consumer or installer that demands quality, functionality, and reliability.

If you would like more information about our quality products visit our website:

www.antennasdirect.com

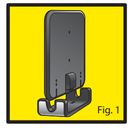
Before attaching the antenna to any surface, TEST RECEPTION in that area.

Connect the antenna to the TV or receiver and run a full channel scan. If reception is not as desired mpve the antenna and rescan TV/receiver.

The ClearStream Micron Indoor Antenna comes with:

1. Antenna
2. Stand/mounting bracket
3. Flush mounting bracket
4. Mounting hardware

Table Top Use:



1. Place antenna into base as shown in fig.1.

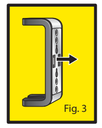
2. Tabs in base will fit into grooves on back plate of antenna. Fig.2.

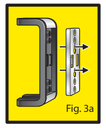
3. Connect cable to TV or receiver. 4. Perform channel scan TV or receiver tuner. Refer to your TV/receiver owners manual for instructions. 5. If reception is not as desired move antenna and rescan the TV or the receiver.

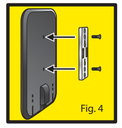
Flush Wall Mount

1.Remove insert from base at center holes. Fig 3. 2. Use insert as a template to mark center mounting holes on wall.

Screw hanging screws into the wall and back out far enough to allow insert to attach to wall. Test the screw depth by hanging the insert on the wall. 3. To attach insert to antenna, screw short screws provided into the back of the antenna using 2nd holes from top and bottom. Fig 4.







4. Hang antenna on the wall. 5. Connect cable to TV or receiver. 6. Perform channel scan TV or receiver tuner. Refer to your TV/receivers owners manual for more instructions

Raised Wall Mount

1. Remove insert from base at center holes. Fig 3. 2. Use insert as a template to mark center. 3. Mounting holes on wall. Screw hanging screws into the wall and back out far enough to allow insert to attach to the wall. 4. Reattach insert to base. 5. To attach insert to antenna, screw long screws provided into back of antenna using 2nd holes from top and bottom. Fig. 5. 6. Hang antenna on the wall. 7. Connect cable to TV or reciever. 8. Perform channel scan.

ClearStream HDTV/DTV Antennas

Popular antennas may claim high "peak" gains on specific frequencies, but the ClearStream models are consistently powerful across the entire DTV spectrum.

New breakthroughs in efficiency & size. The first all new antennas optimized for the post 2009 digital frequencies. Designed for reception on high VHF (Ch 7-13) and core UHF (ch 14-51). Ultra efficient design now allows powerful antennas to be smaller than ever thought possible.

NOTE: This section is not complete..waiting for copy and photo approval

These images are low res.

ClearStream 1 Convertible

- Efficient compact design. For indoor/outdoor placement.
- Offers excellent gain and impedance matching across the entire post 2009 UHF DTV spectrum with a range up to 30+ miles.

ClearStream 2™

- Great performance in compact size.
- Offers longer range reception.
- Our most powerful ClearStream antenna.

ClearStream 4™

- 4 Quad-Loop design receives all core UHF DTV channels available with a range up to 65+ miles.

ClearStream 5™

- Targeted specifically for the high VHF channels (Ch7-13 ; 174-216 MHz).
- Superior to existing combination antennas for receiving VHF DTV signals.
- Offers good directivity with a peak gain of 8.4 dBi.
- Intended to compliment existing UHF antennas, the C5 will include a low loss UHF/VHF combined.

CPA-19 ClearStream Pre-Amplifier Kit

- Breakthrough in low noise and overload resistance in an affordable and compact design.
- First in a series of commercial grade low noise antenna pre-amplifiers designed and optimized for digital TV reception.

Troubleshooting

Problem: I'm not getting any signals at all.

Possible causes:

1. You must rescan your converter box or TV tuner anytime you make a change to your antenna or antenna location. In some cases where stations moved their digital frequencies , rescanning may not be enough. If the initial rescan does not bring in all the desired channels follow the double rescan procedure below:

1. Disconnect the antenna from the box or digital TV.
2. Rescan the box or digital TV without the antenna connected. As with any scan follow the on-screen instructions or owner's manual for your device.
3. Unplug the box or digital TV from the electrical outlet for at least one minute.
4. Reconnect the antenna to the box or digital TV and plug the unit into the electrical outlet.
5. Rescan the box or digital TV one more time.

Make sure the antenna is facing the broadcast towers in your area. To locate your towers go to antennapoint.com or call your local TV stations.

2. You do not have a clear line of sight to the transmitting towers. You will need to elevate the antenna higher either by placing it in a higher location or using a taller mast.

3. Signal is lost in the distribution.

Check for corrosion or bad cable fittings. Also, diplexers can cut a great deal of signal strength. Disconnect them and run the cable directly into your digital receiver.

4. You are more than 70 miles from the transmitting towers or out of the range of your antenna.

The curvature of the earth limits most people to about 70 miles of range. Go to www.antennaweb.org, enter your address and make sure you are within the range of your antenna and not greater than 70 miles away.

5. The cable from your antenna to your tuner is too long.

When cable lengths get over 100 feet, as much as 1/3 of the signal can be lost. If you require a long cable, consider investing in a good low noise pre-amp.

6. Your digital tuner may be bad.

Sometimes people have a clear shot to the towers and are within range, but still cannot get a signal. Some find success when they switch out their tuners.

Problem: I'm getting every channel except for one.

Possible causes:

1. You may need to rescan your TV tuner or converter box. See item 1 from Troubleshooting section -"I'm not getting any signals at all."

2. The station is at a lower spot on the transmitting tower. Lower elevation can cause line of sight problems. You may be able to fix this by elevating your antenna. Sometimes moving the antenna just 3 feet one way or the other can solve a reception problem. Some locations are "signal rich" while others are not.

3. The method of encoder the station employs may be incompatible with your model of digital tuner.
Occasionally there are software incompatibilities between certain types of broadcast encoders and some models of digital tuners. A software or firmware upgrade may be required. Contact the manufacturer of your TV.

Problem: I live 2 miles from the transmitter and I am getting signal breakups.

You are probably suffering from multi-path distortion. Consider trying a small directional antenna and keep it away from any metallic objects or other antennas. A variable inline attenuator may also make a difference by dropping the reflected signal below the threshold at which the digital tuner can recognize. A larger antenna will not solve this problem.

FAQ

Q: My channels display as 2.1, 5.1, 7.1 etc. So I need a VHF antenna right?

A: NO. What you are looking at on your display is likely a re-map. For example, a tuner may display 2.1, but the actual digital broadcast frequency is actually 60, a UHF frequency. Find the true frequency assignment here: www.antennapoint.com

Q: Can I install an antenna in my Attic?

A: Yes, but this may result in 50% reduction of signal strength. If you have metal or aluminum backed insulation in the walls or under the roof, the signal will most likely be blocked. Insulation should be removed or antenna should be installed in a different place. You will still need to make sure that the receiving side (front) faces toward the transmitter of the TV station.

Q: My Homeowners association prohibits antennas on the roof, what can I do?

Check out the FCC ruling at www.fcc.gov/mb/facts/otard.html. The law states that homeowner association covenants cannot prevent you from installing antennas. The rule "prohibits restrictions that impair the installation, maintenance or use of antennas used to receive video programming.""Masts higher than 12 feet above the roofline may be subject to local permitting requirements.

Q: I have read ads for an antenna that can pick up stations 200 miles away. Is this possible?

A: In extremely rare circumstances, a television antenna could possibly pick up stations 200 miles away. However, rarely is an antenna going to get terrestrial television broadcasts over such distance.

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One of our specialists can talk you through any problems you may have.

STRONGER • SHARPER • BETTER

inside