

DB8 BOWTIE ANTENNA

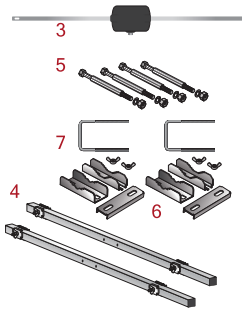
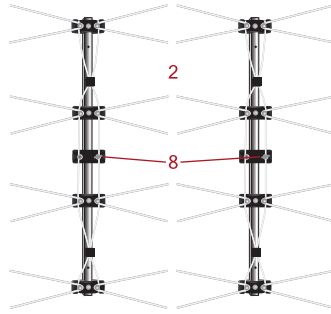
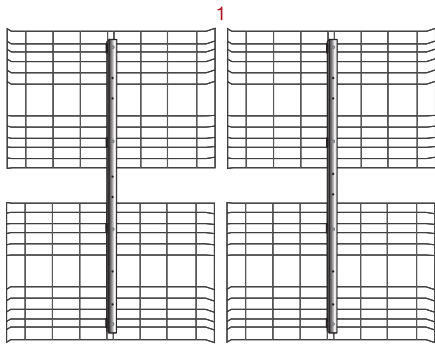
Assembly Instructions

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

Connect the antenna to the TV/converter box and run a **full channel scan**.
If reception is not as desired, move the antenna and **rescan TV/converter box**.

Tools Required: Medium cross point screwdriver

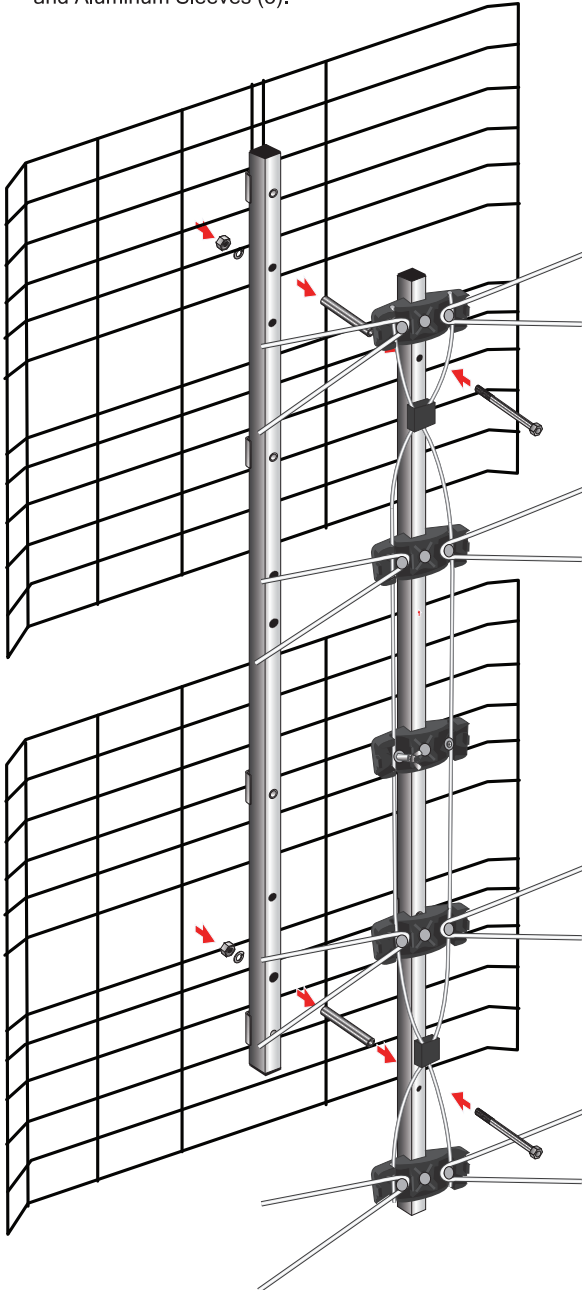
Before beginning assembly, make sure all parts needed are present.



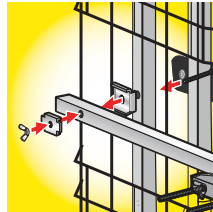
The DB8 comes with:

- 1) Reflectors (2)
- 2) Bowtie Elements (2)
- 3) Combiner Bars with 75ohm Transformers
- 4) Cross Bars (2) with Hardware
- 5) Bolts with Aluminum Sleeves (4)
- 6) Mast Clamps and Back Plates (2)
- 7) U Clamps and Wing Nuts
- 8) Wing Nuts for Cross Bars (4)

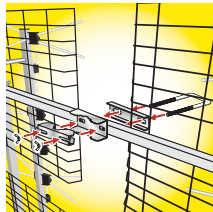
- 1) Assemble each of the Bowtie Elements (2) to the Reflectors (1) using the Bolts and Aluminum Sleeves (5).



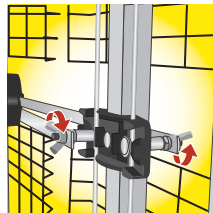
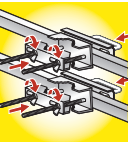
- 2) Position both sub-assembly panels side-by-side with the arrows on the Bowtie Elements pointing up, so the center connections for the Combiner Bars are facing the same direction on both Bowtie Elements.



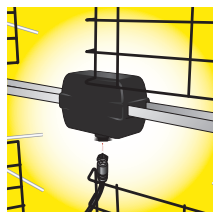
- 3) Remove the factory installed hardware on the Cross Bars (4) and attach both Cross Bars behind the Reflectors (1).



- 4) Attach the mounting hardware by adding the Back Plates (6) to the Cross Bars (4), and then insert the U-Clamps (7). Next, attach the Mast Clamps (6) on the opposite side of the Cross Bars and fit onto the U-Clamp. Turn the Wing Nuts on the U-Clamps so they are loose.



- 5) Remove the Wing Nuts (8) on the center threaded post on each Bowtie Element (2). Attach the Combiner Bars (3) to each threaded post. There are two attachments for each Bowtie Element (front and back). Secure loosely with the Wing Nuts, do not over tighten.



- 6) Thread coaxial cable (sold separately) into the 75 Ohm Transformer (3).

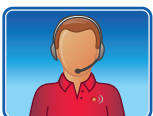
- 7) Connect the opposite end of the coaxial cable to your TV or converter box.

Follow the instructions in your TV/converter box owner's manual to change the input from 'CABLE' to 'ANTENNA' or 'AIR' or 'BROADCAST'.

Point the antenna in the direction of your TV stations' broadcast towers, and check reception by scanning for channels. If the reception is not as desired, move the antenna and rescan.

Helpful Tips:

- 1) It's important to check the reception in the location you intend to install the antenna prior to attaching to the mast.
- 2) UHF Signals are line of sight. Get as much elevation as needed for the best results in receiving signals.
- 3) The DB8 is a directional antenna. It must be aimed directly at the broadcast tower to receive UHF signals.
- 4) Attic installations will reduce the signal strength. If reception is not as desired, mount the antenna outdoors.
- 5) If the signals are weak or moderate strength and you have a long cable run, or you are using splitters, a pre-amplifier may be required.



Call to Learn. Technical Assistance is available Monday - Friday, 9am - 9pm Central Time
1-877-825-5572 and Saturday - Sunday, 10am - 6pm.

Troubleshooting

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

Possible causes:

- 1. Analog-only televisions (manufactured before 2007) need a digital converter box. You **MUST** run a channel scan on the converter box.
- 2. A digital TV must be programmed in order to receive digital channels.
 - a) A TV must be set to the proper input source. Go into the setup menu and select the proper source. It may be labeled "antenna", "air", "broadcast", or "cable off".
 - b) Within the setup menu select channel setup or channel scan. Again you may need to refer to your TV user's manual for exact directions.
- 3. If you are not receiving all channels as desired, adjust or relocate the antenna and perform another channel scan. Repeat this step as needed.
- 4. To reset the tuner completely, perform the "double rescan" procedure as follows:
 - a) Disconnect the antenna from the converter box or digital TV.
 - b) Rescan the converter box or digital TV without the antenna connected. As with any scan, follow the on-screen instructions or owner's manual for your device.
 - c) Unplug the converter box or digital TV from the electrical outlet for at least one minute.
 - d) Reconnect the antenna to the converter box or digital TV and plug the unit into the electrical outlet.
 - e) Repeat the scan procedure for the converter box or digital TV as needed. Make sure the antenna is facing the broadcast towers in your area. To locate your broadcast towers go to www.antennapoint.com or call your local TV station.
- 5. You do not have a clear line of sight to your local broadcast towers. You might need to elevate and/or move your antenna. You have found the right location for your antenna when all of your local channels appear after a subsequent rescan. Remember to rescan at every location that you try.
- 6. You are outside of the range of your antenna's capabilities. Depending upon the distance between your home and the local TV broadcast towers, you may need a long range outdoor/attic antenna. Antennas Direct offers many models for this purpose.
- 7. You may have loose fitting connections along the cable line. Check ALL connections for tight fit and check all outdoor connections for moisture or corrosion.
- 8. Building material such as brick, metal siding, radiant barrier, or stucco will greatly inhibit signal. Move your antenna near a window facing the broadcast towers if indoors. If in an attic, move the antenna outdoors. If outdoors, make certain the antenna is not aimed into physical obstacles such as a roof, building, trees, or other obstacles.

Problem:
I'm receiving most but all channels.

Possible causes:

- 1. You may need to rescan the TV tuner or converter box. The channel you are not receiving may have its transmitter lower on the broadcast tower or be on a different tower than the other transmitters and your line of sight is blocked. Try elevating the antenna or moving it to another location. Repeat as needed.
- 2. Some stations transmit on VHF channels that are much harder to receive with an indoor, attic, or a UHF-only antenna. Check www.antennapoint.com to find out if the station you are trying to receive is a UHF or VHF station. If the station(s) you are missing transmits on a VHF channel, it may be necessary to upgrade by adding an additional VHF antenna or element in order to receive your complete set of local channels. Call our customer service helpline for more information.

Problem:
I'm having signal breakups, but I'm only two miles from the broadcast tower.

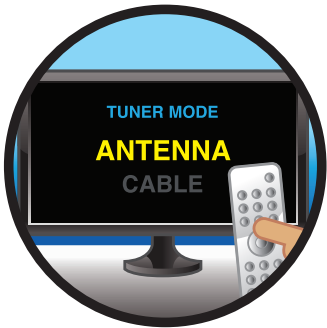
Possible causes:

- 1. Your TV may be receiving interfering signals. A larger/stronger antenna will not necessarily solve this problem. Consider moving the antenna making sure it is not placed near metal objects or other antennas. If this is not successful, your signal may be too strong and may require the use of an attenuator. Call our Helpline for an analysis of your area and installation. We may be able to offer simple solutions.

Before You Return, Call To Learn



For Tower Locations:
antennapoint.com



Input On Antenna Mode

Model # 8DXB



Scanning is a Must
When in Doubt, Rescan

HELPLINE: 1-877-825-5572

Antennas Direct Inc.
Lifetime Limited Warranty

Antennas Direct® Inc. warrants this product against any defects in materials or workmanship for as long as you own the product. No warranty claim will be honored unless at the time the claim is made you present proof of purchase from an authorized Antennas Direct Inc. dealer.

Antennas Direct® Inc. will either repair or replace the defective product at no charge to you. This warranty covers parts but does not cover any costs incurred in removal or reinstallation of the product. This limited warranty does not apply if the product is damaged or fails from: misuse, improper installation, abuse, and modification of the product as originally manufactured by Antennas Direct.

Antennas Direct® Inc. will not assume any liabilities for any other warranties, expressed or implied by any other person. The foregoing shall be the sole and exclusive remedy of any person, whether in contract, tort or otherwise, and Antennas Direct® Inc. shall not be liable for incidental or consequential damage or commercial loss, or for any other loss or damage as set forth above.

16388 Westwoods Business Park, St. Louis, MO 63021