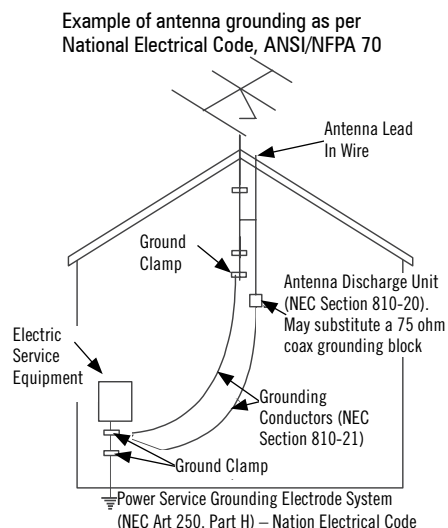


ATTACHING THE COAX

Connect the 75 ohm coaxial cable to the matching transformer. The connection should be finger tight. The coaxial download may be secured to the mast with tape or plastic wire ties.

LIGHTNING PROTECTION FOR TV ANTENNA & SET

- 1) Mount the lightning arrestor or 75 ohm coaxial grounding block as close as possible to where the 75 ohm coaxial cable download enters the house. See Figure at right.
- 2) The ground wires for both the mast and the download should be copper or aluminum wire, number eight or larger. See at right.
- 3) The download wire from the antenna to the lightning arrestor and the mast ground wire should be secured to the house, spaced from four to six feet apart. See Figure at right.



NOTE:

In the case of a “ground up” antenna installation, it may not be necessary to ground the mast if the mast extends four or more feet into the earth. Consult a TV serviceman for the proper depth in your location.

90 DAY LIMITED WARRANTY

Winegard Company warrants this Winegard product against any defects in materials or workmanship within 90 (ninety) days from date of purchase. No warranty claim will be honored unless at the time the claim is made, you present proof of purchase to an authorized Winegard dealer (if unknown, please contact Winegard Company, 3000 Kirkwood Street, Burlington, IA 52601-2000, Telephone 800-288-8094).

Winegard Company (at its option) 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, shipping or reinstallation of the product. This limited warranty does not apply if the product is damaged, deteriorates, malfunctions or fails from: misuse, improper installation, abuse, neglect, accident, tampering, modification of the product as originally manufactured by Winegard, usage not in accordance with product instructions or acts of nature such as damage caused by wind, lightning, ice or corrosive environments such as salt spray and acid rain.

The 90 Day Warranty is provided on the condition that the equipment is properly delivered with all handling and freight charges prepaid to your Winegard dealer for return to our factory for repair or replacement. Winegard dealers will arrange for the replacement or repair and return to you without charge the product which failed due to defective material or workmanship.

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VHF/UHF Models YA7000C and YA7000D

VHF/UHF (HD) Antenna

INSTRUCTION MANUAL

PARTS LIST

VHF Antenna Assembly



Low Band VHF Element Assembly



Low Band Short Element Extensions (2)



Low Band Long Element Extensions (2)



Mounting Pipe and Foot



TOOLS REQUIRED (not included)

Flat Head Screwdriver	Crescent Wrench
Phillips Screwdriver	or Pliers
Rubber Mallet	

HARDWARE BAG CONTENTS

Matching Transformer	U-Bolt (1)
Element Sleeves (4)	Large Screw (1)
End Cap (2)	Small Screw (8)
Large Flange Nut (5)	Washer (4)
Small Flange Nut (11)	2 1/2" Bolt (1)
Mast Clamp Insert (1)	5/8" Bolt (2)

WARNING:

Installation of this antenna near power lines is dangerous! For your safety, follow the installation instructions.

WINEGARD'S HDTV TOWER FINDER APP

Finding your favorite TV programming has never been easier! Using your current location, the app can help determine the correct antenna positioning to avoid obstructions with the augmented reality (AR) view.

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ANTENNA ASSEMBLY

For use on channels 7 – 51,
follow steps 1 through 5.

For use on channels 2 – 51,
complete steps 1 through 7.

- 1) Remove antenna and hardware bag from carton. Unfold the tetrapoles and the shorter VHF elements on underside of the boom. Make sure they lock into place. See Figure 1.
- 2) Insert the U-bolt into the mast clamp insert and then into the mast clamp on the antenna. Loosely thread 2 large flange nuts onto the U-bolt. See Figure 2.

DO NOT TIGHTEN THE FLANGE NUTS AT THIS POINT.

- 3) Install the matching transformer using two small flange nuts and four washers from the hardware bag. Make sure to place the leads between two washers on each post. Tighten the small flange nuts to secure the leads. See Figure 3.
- 4) Flip the antenna over and unfold all of the long VHF elements until they lock into place. Be sure the elements are locked into position and are flat and parallel to each other. Unfold the UHF elements.
- 5) Insert the plastic end caps. Use a rubber mallet to gently tap them into the antenna booms to secure them.

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Figure 1

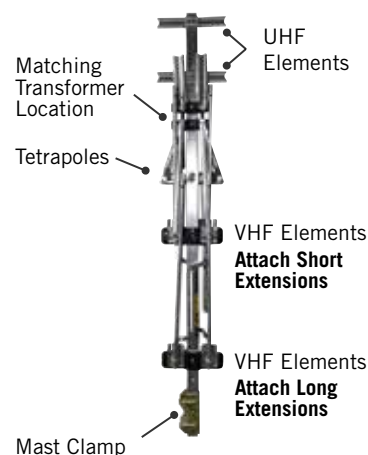


Figure 2

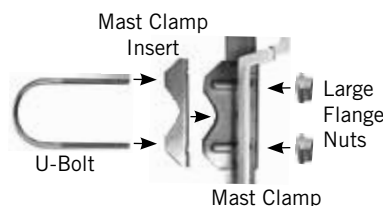
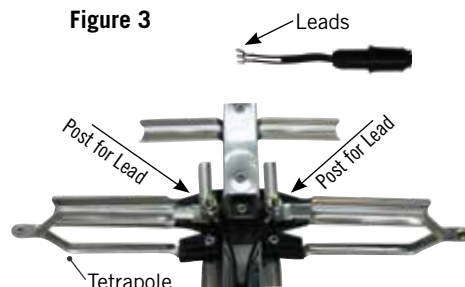


Figure 3



Connecting the matching transformer.

NOTE: If channels 2 – 6 are not required, skip steps 6 and 7.

- 6) Install the included low band VHF element assembly on the under side of the antenna just above the mast clamp with the large screw and a large flange nut. See Figure 4. Unfold the elements until they lock into place.
- 7) Insert the low band VHF element extensions into the element sleeves, see Figure 1 for location placement. Secure with the small screws and small flange nuts. See Figure 5. Attach to the rear VHF elements.

Figure 4

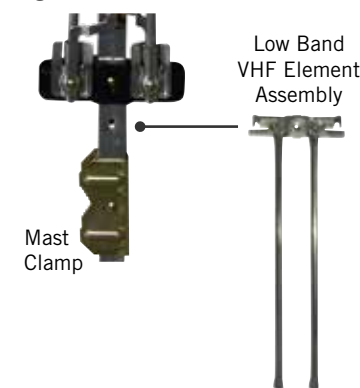
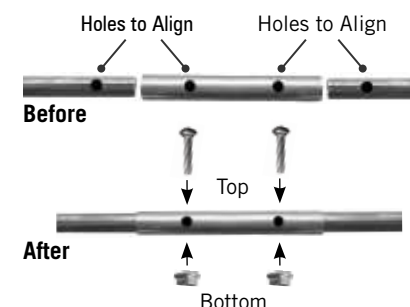


Figure 5



MOUNT ASSEMBLY

- 8) Find the end of the mounting pipe with holes on the sides for screws. Insert this end into the middle of the foot as shown.
- 9) Insert the 2 1/2" bolt through the foot and pipe as shown. Screw a large flange nut onto the end of the bolt to hold the pipe and foot together. *Don't tighten the nut completely yet!* Figure 6.
- 10) Find the square holes on either side of the bottom of the pipe. Raise the pipe slightly and insert a 5/8" bolt through these holes and out the side of the foot. Install the large flange nuts on the outside of the foot on the 5/8" bolts to hold the pipe in place. *Don't tighten the nuts completely!*
- 11) Secure the foot to its permanent location. Adjust the end of the pipe so it is perpendicular to the ground. Tighten the hex nuts to hold the pipe in place.

Figure 6



ATTACHING ANTENNA TO MAST

- 12) Loosen U-bolt nuts. Slide U-bolt over mast. Point small end of antenna toward stations and tighten securely.



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