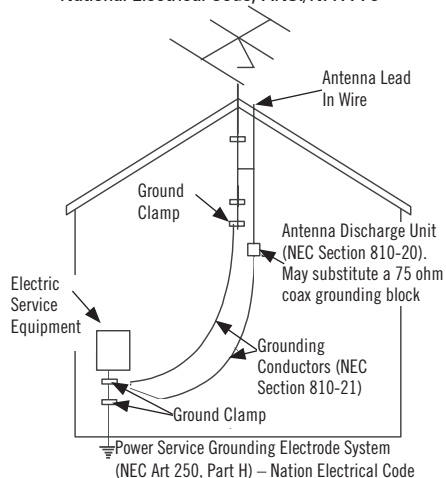


## LIGHTNING PROTECTION FOR TV ANTENNA & SET

- 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.

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70



### 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.

WINEGARD COMPANY WILL NOT ASSUME ANY LIABILITIES FOR ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MADE BY ANY OTHER PERSON.

ALL OTHER WARRANTIES WHETHER EXPRESS, IMPLIED OR STATUTORY INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIMITED TO THE 90-DAY PERIOD OF THIS WARRANTY.

The foregoing shall be the sole and exclusive remedy of any person, whether in contract, tort or otherwise, and Winegard shall not be liable for incidental or consequential damage or commercial loss, or from any other loss or damage except as set forth above.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Rev. 2/08



## VHF/UHF MODEL YA-7000

VHF/UHF (HD) Antenna

For use on channels 7 – 51

### INSTRUCTION MANUAL

### PARTS LIST

#### HARDWARE BAG CONTENTS

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

Mounting Pipe and Foot



#### TOOLS REQUIRED (not included):

Flat Head Screwdriver  
Phillips Screwdriver  
Rubber Mallet  
Crescent Wrench  
or Pliers

VHF Antenna Assembly



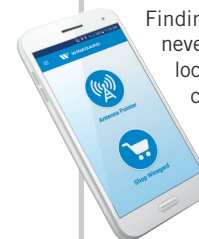
### WARNING:

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.

FREE AT



2452442

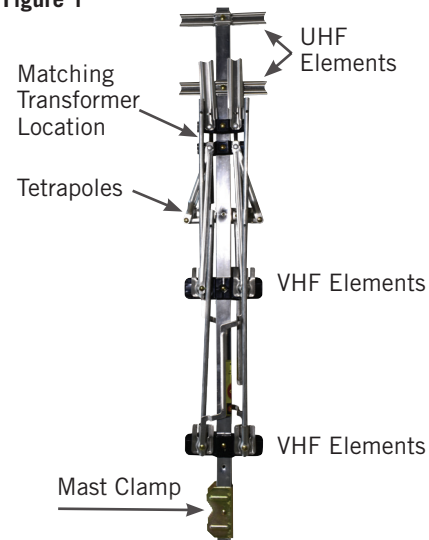
## ANTENNA ASSEMBLY

- 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.

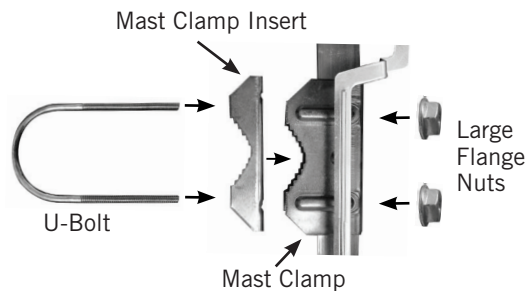
**DO NOT TIGHTEN THE FLANGE NUTS AT THIS POINT.**

- 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.

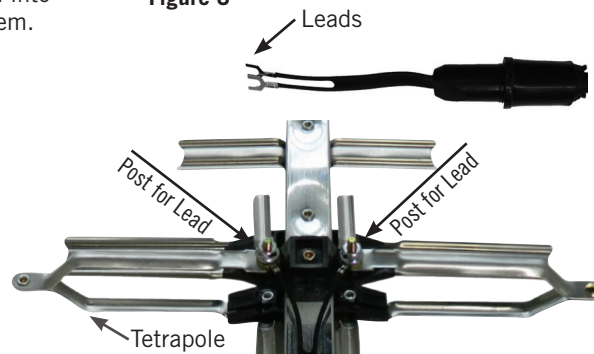
**Figure 1**



**Figure 2**



**Figure 3**



Connecting the matching transformer.

## MOUNT ASSEMBLY

- 6) 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.
- 7) 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 5.
- 8) 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!*
- 9) 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 5**



## ATTACHING ANTENNA TO MAST

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

## 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.

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