For the Installer (1 of 3)

This antenna should be installed by a qualified professional. Refer to the diagrams shown below for installation. • Do not overtighten screws during installation. • For best signal reception, install the antenna as high as possible with a clear line of sight all around. Barriers around the antenna will decrease performance. • The motor, gears, and low-noise microwave amplifier within the antenna are not designed to be serviced by the user. Repairs should be performed by a qualified service technician. **DO NOT DISASSEMBLE.**

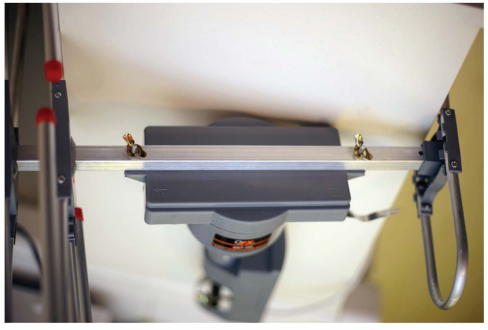
The motorized base should be fixed to a rooftop pole with the built-in wingnuts.

Step 1

Unfold and lock the dipoles of the VHF mast into place. Move the smaller "U" dipole to the other end of the boom.

Step 2

Set the VHF mast on the base, taking care to match the peg on the base to the notch on the boom. The "U" dipole should be set to the right. Use two wing nuts and two 4x25mm screws to fix the mast to the motorized base. DO NOT OVERTIGHTEN.



MAGNAVOX

Model No: MAG-ANT-104
360° Rotating Outdoor Antenna
HD/DTV/UHF/VHF/FM

Thank You

Thank you for your purchase of the MAGNAVOX MAG-ANT-104 outdoor antenna. This manual is designed to help you learn how to assem-ble, operate and enjoy your new antenna for years to come. Please read this manual carefully and retain it for future reference.

Installation

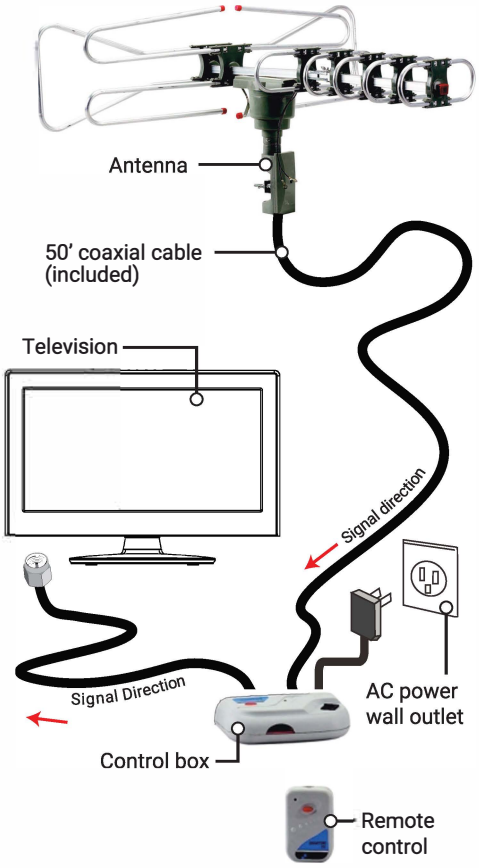
This antenna is intended for outdoor use and should be installed on a roof or exterior of a building. Installation should be done by a qualified professional who can evaluate the installation site to safely secure the antenna and find a location that will maximize reception from local broadcast stations.

Overview

After the antenna has been securely installed outside:

1. Use the included 50' coaxial cable to connect the antenna to the ANTENNA INPUT of the control box.
2. Connect the TV1 cable of the control box to an available TV INPUT. (Connect a second TV to TV2.)
3. Connect the control box to AC household power. Once all connections have been made, you can turn everything on.
4. Set the input mode of the TV to match the connector used with the antenna (e.g., TV ANT). The names of these connectors and modes differ by manufacturer.
5. Use the TV system menu to scan for available channels. Refer to the instructions provided by the TV manufacturer to learn more.

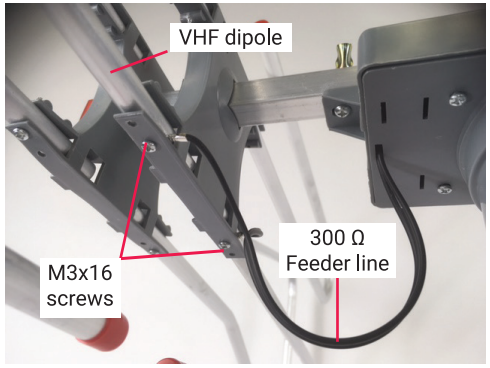
Images in the figure may not match the actual product. The figure is for illustrative purposes, only.



For the Installer (3 of 3)

Step 6

Loosen the two M3x16 screws. Connect the 300 Ω Feeder line to the VHF dipole and then tighten the screws to keep the line in place. IMPORTANT: Make sure that the feeder line is in direct contact with the VHF dipole pipe.



About the remote control:

You can use the remote control to rotate the antenna. You may want to rotate the antenna to optimize signal reception as there may be more than one broadcast station in your area. Point the remote at the control box and then press and hold the button. Release the button when the signal is strongest.

Features

- HD DTV, VHF, UHF and FM Radio Ready
- Connect to DTV tuner to receive HDTV programming (1080p, 1080i, 720p)
- 360° motorized rotation
- Low-noise, high-gain amplifier boosts the signal for clearer video and audio
- Impedance: 75 Ω

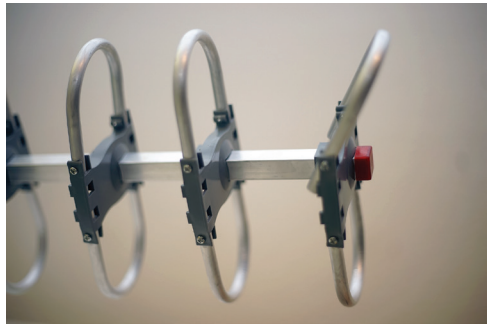
Specifications

Operating Frequency	45-860 MHz
Gain	25-35 dB
Standing wave ratio	≤ 1.5
Noise	< 2 dB
Impedance	75Ω
Operating voltage	AC 110-127 V 60 Hz
Power	＜ 3 W
Rotation speed	4 rotations/ minute
Rotation range	350°

For the Installer (2 of 3)

Step 3

Unfold and lock the dipoles of the UHF mast into place.



Step 4

Slide the UHF mast onto the right end of the boom. Use a 4x25 mm screw and a wing nut to fix the UHF mast in place. DO NOT OVER-TIGHTEN.

Step 5

Loosen the two M3x14 screws. Connect the aluminum lines to the “UHF” dipole and then tighten the screws to keep the lines in place. IMPORTANT: Make sure that the aluminum line is in direct contact with the “UHF” dipole pipe.