

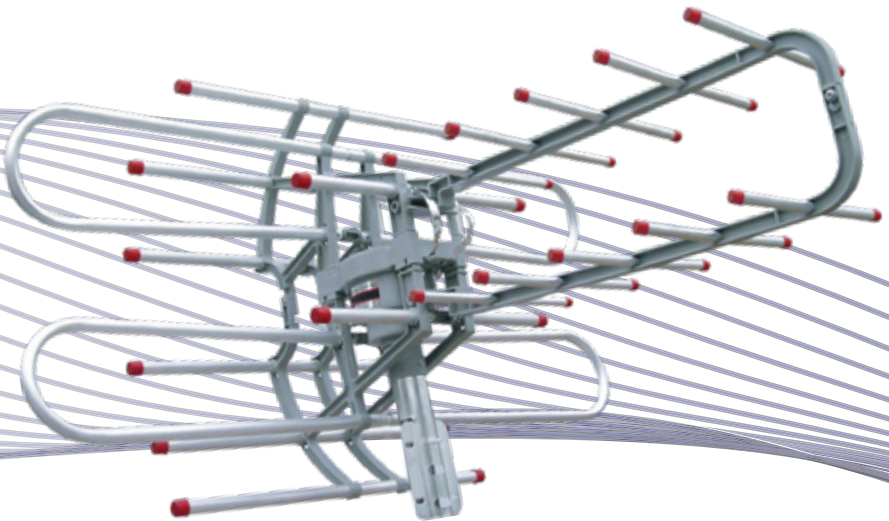


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






QFXUSA.COM



ANT-106
360° OUTDOOR MOTORIZED
REMOTE CONTROL ANTENNA

User Manual

No	Name	Details	Qty	Image
1	Motorized Base		1	
2	Base Support		4	
3	VHF dipole (male)	<l> 12 x 340 ± 20 mm	2	
4		<l> 12 x 330 ± 20 mm	2	
5	Plastic Director Support		2	
6	Reflector	<l> 12 x 340 mm	6	
7	UHF Element	<l> 12 x 120 mm	4	
8	UHF director	<l> 8x 80 mm	20	
9	Plastic connectors		4	
10	End Cap, large		10	
11	End Cap, Small		20	
12	A-screws	3 x 8	12	
13	B-screws	3 x 12	4	
14	C-Screws	4 x 10	2	
15	Collars		2	
16	Collar Bolts		2	
17	Collar Nuts		2	
18	Power/Control Box		1	
19	Remote control		1	



Model No: ANT-106 360° Rotating Outdoor Antenna HD/DTV/UHF/VHF/FM

Thank You

Thank you for your purchase of the QFX ANT-106 outdoor antenna. This manual is designed to help you learn how to assemble, operate and enjoy your new antenna for years to come. Please read this manual carefully and retain it for future reference. Visit us at www.qfx.com to learn more about this and other products

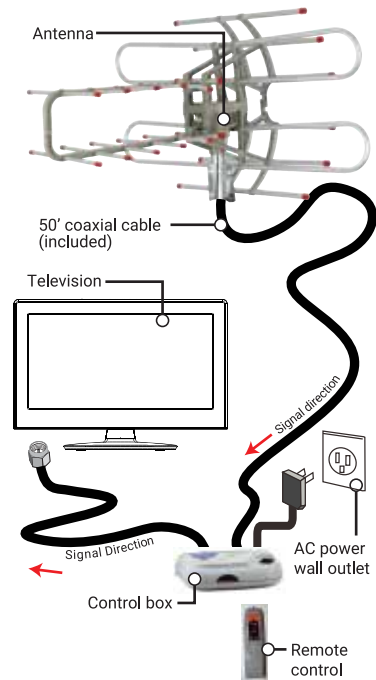
Installation

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.

Check your local city for antenna reception maps.
www.antennaweb.org is a free source for local channel information.

For the Installer (1 of 5)

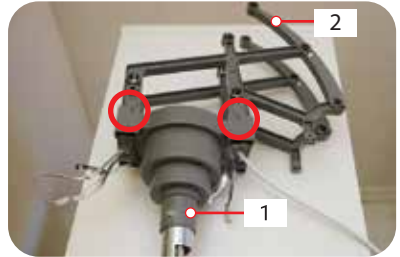
This antenna should be installed by a qualified professional. Refer to the diagrams shown below for installation. • Do not overtighten screws during installation. • For best signal reception, install the antenna as high as possible with a clear line of sight all around. Barriers around the antenna will 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. Use the collars (15), collar bolts (16) and collar nuts (17).

Step 1

Connect two of the base supports (2) to the motorized base (1). Plug the locking tabs of the supports into the top of the base.

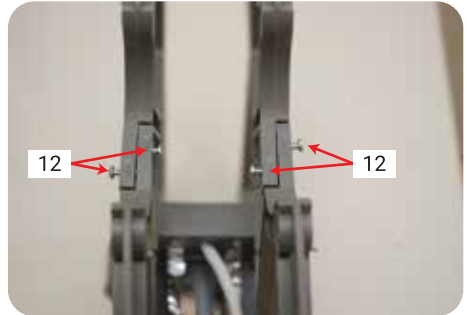
**Step 2**

Connect the last two base supports (2) to the motorized base (1). Plug the locking tabs of the supports into the bottom of the base.

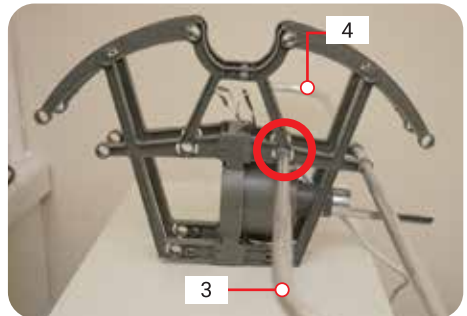


For the Installer (2 of 5)**Step3**

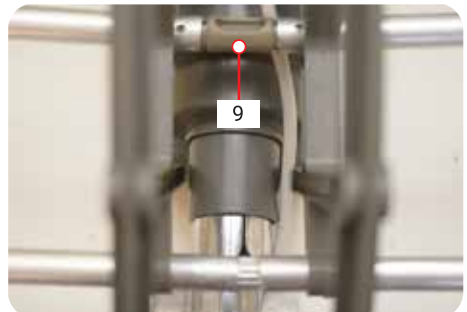
Use 4 A-screws (12) to fasten the base supports (2) together where they overlap.

**Step4**

Slide one VHF male dipole (3) and one VHF female dipole (4) into the base supports (2). The ends of the dipoles with the screw holes should be positioned as indicated by the circle.

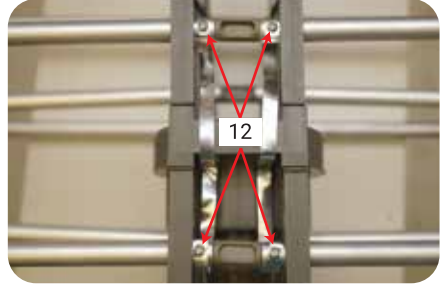
Step 5

Plug the grooved end of the VHF male dipole into the longer end of the female dipole. Use a plastic connector (9) to connect the dipoles with the screw holes.

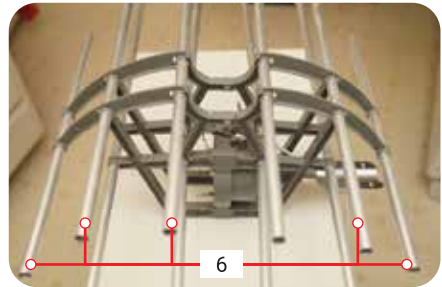


For the Installer (3 of 5)**Step 6**

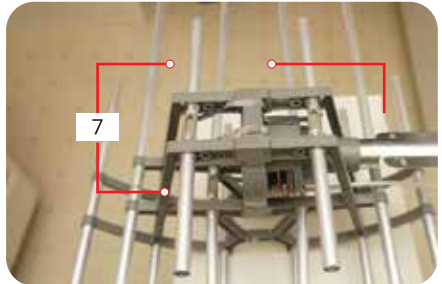
Repeat steps 4 and 5 with the other set of male and female VHF dipoles (part numbers 3 and 4, respectively). Use four A-screws (12) to attach the metal connector strips from the base to the VHF dipoles.

**Step 7**

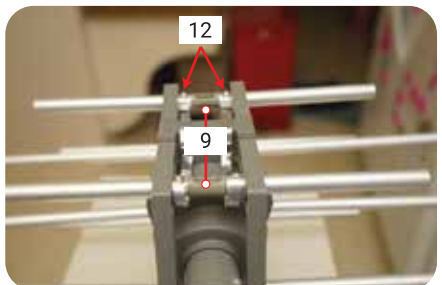
Slide the six reflectors (6) into the arced side of the base supports (2).

**Steps 8**

Slide the four UHF elements (7) into the straight side of the base supports (2). Make sure that the ends of the elements with the screw holes are positioned together in the middle.

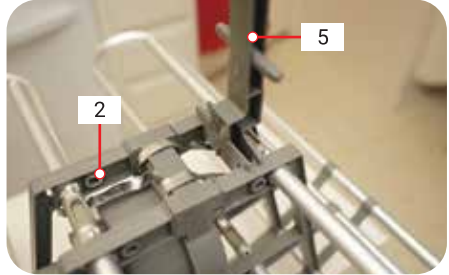
**Step 9**

Use plastic connectors (9) to connect the UHF elements (7) with the screw holes. Use four A-screws (12) to attach the metal connector strips from the base to the UHF elements.



For the Installer (4 of 5)**Step 10**

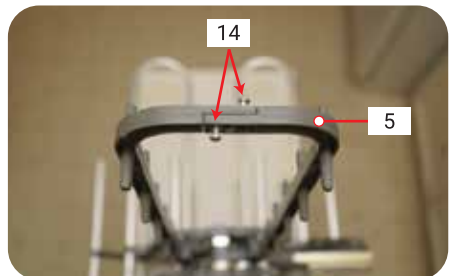
Connect one of the plastic director supports (5) to the straight side of the base supports (2). The tabs of the director support will lock together with the square receptacles of the base supports. Note: you may need to gently push the base supports apart to get the director support into place.

**Step 11**

Repeat step 10 with the other plastic director support. Note: you may need to gently push the base supports apart to get the director support into place.

**Step 12**

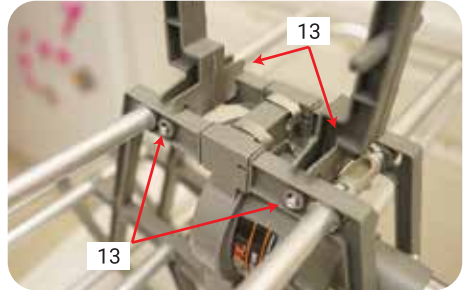
Use two C-screws (14) to fasten together the overlapping ends of the plastic director supports (5).



For the Installer (5 of 5)

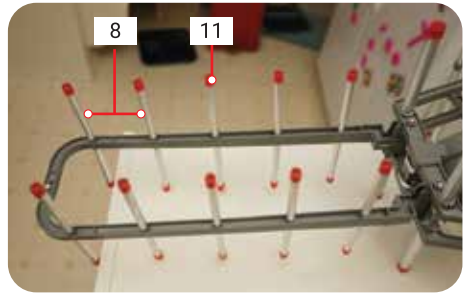
Step 13

Use four 8-screws {13} to adjust the plastic director supports (5) to the base supports (2).



Step 14

Attach the 20 UHF directors (8) to the pegs of the plastic director supports. Cover the ends of the directors with the 20 small end caps (11). Cover the ends of the UHF elements and reflectors with the large end caps (10).



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 a DTV tuner to receive HDTV programming (1080p, 1080i, 720p)
- 360° motorized rotation
- Low-floise, high-gain amplifier boosts the signal for clearer video and audio
- Impedance: 75 OHM

Specifications

Frequency Operation: 45-860 Mhz
Gain: 26-28 dB
VHF: Channels 1-12, 45-230 MHz
UHF: Channels 21-69, 470-860 MHz
Rotation: 360°
Impedance: 750 Ohms
Power: AC 110-127V 60Hz



LIMITED PRODUCT WARRANTY POLICY

Before returning your Product for service under this Warranty, please (i) read the instruction manual carefully and visit our website at www.qfxusa.com for Product updates and extended support documentation (e.g., Common Troubleshooting Guides); (ii) if you are still having trouble with your Product, please contact the QFX Customer Support Department.

Subject to the terms and conditions herein, QFX, Inc. (herein after called "QFX") warrants to the original purchaser of the Product ("Customer") that for the applicable Warranty Period listed below, the Product will be free from defects in material or workmanship under normal, non-commercial use ("Defects").

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This Warranty gives Customer specific rights, and Customer may also have other rights that vary from jurisdiction to jurisdiction. Warning: Some Products may contain components that are small enough to be swallowed. Please keep out of reach of children. In order for the return to be processed, you must send the Product PREPAID to the address below in the original packaging or reasonable substitute to prevent damage and include: (1) a dated sales receipt (which must have a purchase date that falls in the Warranty Period specified in the table below) that indicates the place of purchase, model number of Product, and amount paid, (2) a detailed description of Customer's problem with Product, (3) Customer's full name, phone number, and return address, (3) all of the accessories that came with the Product package must be sent along with the main Product, (4) a cashier's check or money order payable to QFX, Inc., in the amount specified for the item in the product table below for return shipping and handling. If in the case you cannot provide a money order or cashier's check, you can contact The QFX Customer Support Representative to arrange payment via credit card. No returned Product will be shipped back to a PO BOX. If a returned Product is found to have no problem and/or does not include ALL of the requirements indicated above, it may be returned back to the customer and will not be processed.

QFX USA, Inc.
RMA Processing
Customer Support Department
2957 E. 46th Street | Vernon, CA 90058

support@qfxusa.com
(800) 864-CLUB (2582) or (323) 864-6900
qfxusa.com
Hours of Operation: Monday - Friday, 9am - 5pm PST

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PRODUCT CATEGORY	HANDLING	LABOR	PARTS
Earphones, Headphones, Pocket Radios, & Small Bluetooth vSpeakers	\$5.00	1 Year	1 Year
Personal Stereos	\$10.00	1 Year	1 Year
Portable Radio/Cassette	\$15.00	1 Year	1 Year
Large Portable Radio Cassette	\$20.00	1 Year	1 Year
Mobile Audio	\$10.00	1 Year	1 Year
Pro Audio SBX Systems	\$75.00	1 Year	1 Year
Pro Audio PBX Systems	\$75.00	1 Year	1 Year
Televisions	\$25.00	1 Year	1 Year
Telephones	\$10.00	1 Year	1 Year

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