

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

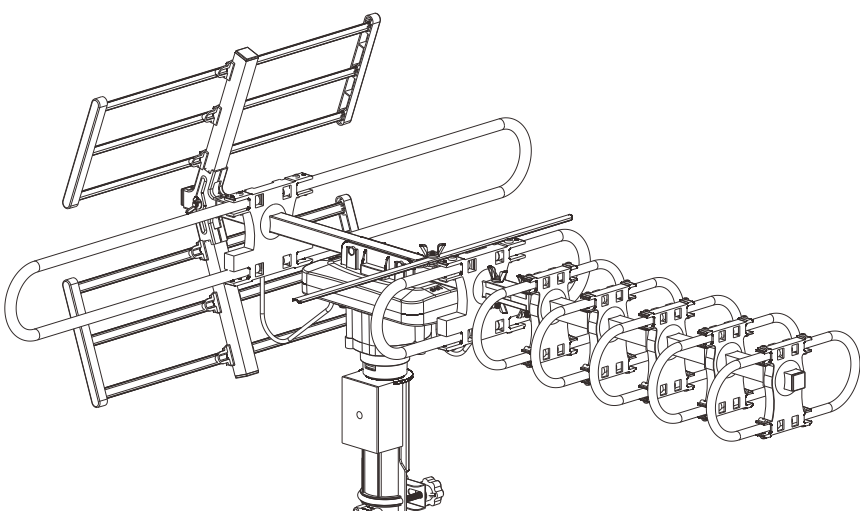
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

High Definition Television Antenna  
FSA-3806



Features

The FSA-1806 picks up radio signals in addition to HD television, so it is possible to connect the TV Out cable from the control box into a radio in order to listen to FM radio stations.

Be sure the reflector frames are properly installed, because they greatly help with focusing signals into the antenna's elements, allowing more signals to be picked up with better quality.

The built-in super low noise amplifier boosts the strength of signals received from faraway locations, allowing distant transmissions to be viewed with ease.

Advice and Recommendations

You can go online to check satellite maps for the locations of TV transmitters and stations that are closest to you. Use the remote to turn the antenna in the direction with the most transmitters for a wider variety of channels.

When mounting the antenna, be sure to have it in a location above as many obstructions as possible(trees, buildings, hills, ets). This will allow the antenna to pick up the clearest possible signal. Wind interference in minimal thanks to the FSA-1806`s efficient, open-frame design.

SPECIAL FEATURES

- ◆ Super active outdoor antenna
- ◆ High quality far ranging reception
- ◆ UHF/VHF TV and FM radio
- ◆ Parabolic focusing reception
- ◆ Built-in high gain booster
- ◆ Built-in low noise circuit
- ◆ 360 all directional rotation
- ◆ With infrared remote control
- ◆ Can operate antenna manually
- ◆ Easy to install and operate

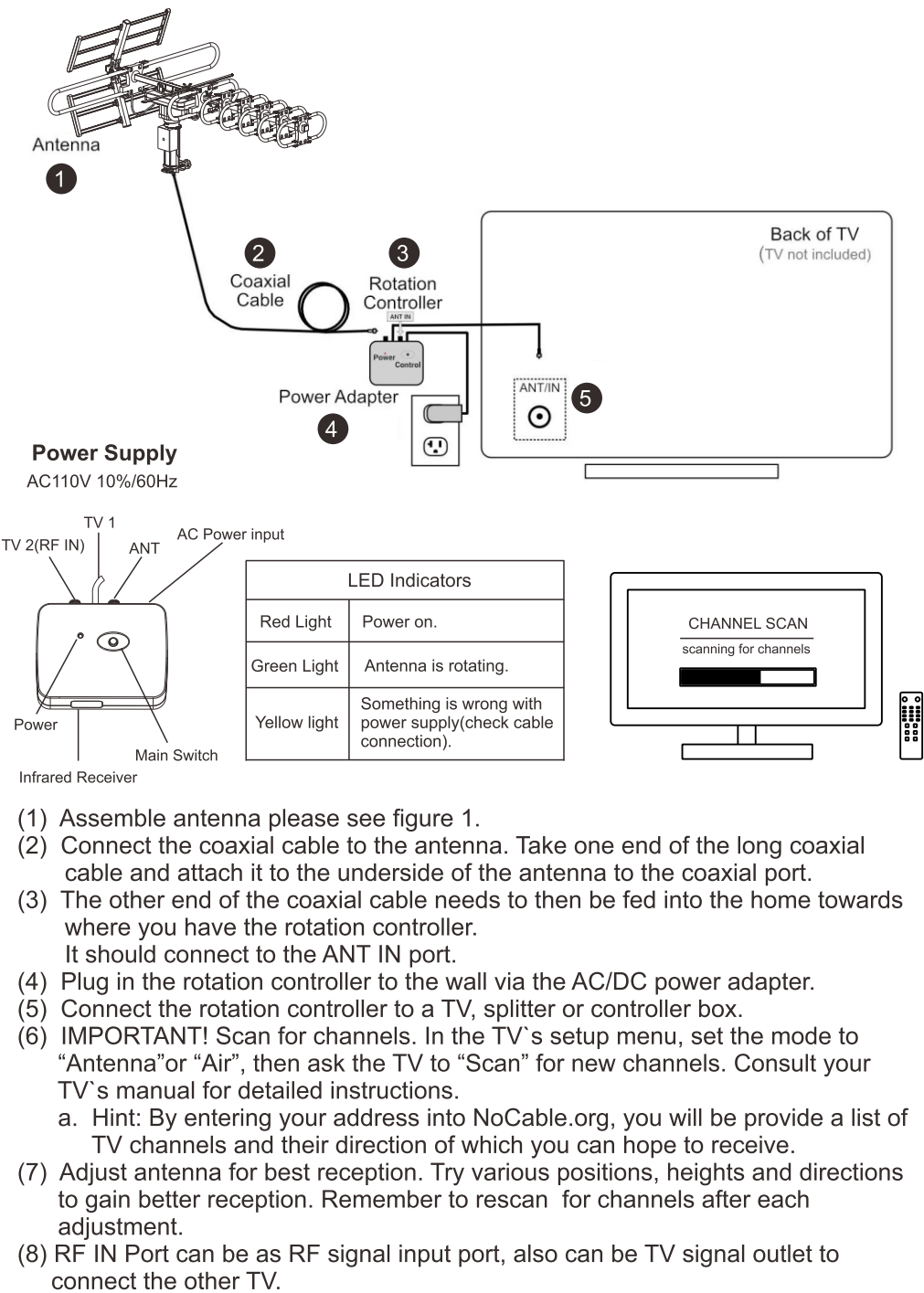
SPECIFICATION

|                        |                    |
|------------------------|--------------------|
| FREQUENCY&ACTUAL GAIN: | 450~860MHz 25~35dB |
| OUTPUT IMPEDANCE:      | 75Ω F-CONNECTOR    |
| NOISE FIGURE:          | ≤2.5dB             |
| MAX OUTPUT LEVEL:      | 105dB μV           |
| Mains Voltage:         | AC-110V/60Hz       |
| OPERATING TEMPERATURE: | -10℃~50℃           |

PACKAGE CONTENTS

| NO | NAME                                | QTY | IMAGE |
|----|-------------------------------------|-----|-------|
| 1  | Director Element                    | 1   |       |
| 2  | Reflectors                          | 1   |       |
| 3  | Control Box Remote Control          | 1   |       |
| 4  | Control Box Power Supply            | 1   |       |
| 5  | Base Frame Element Rotational Motor | 1   |       |

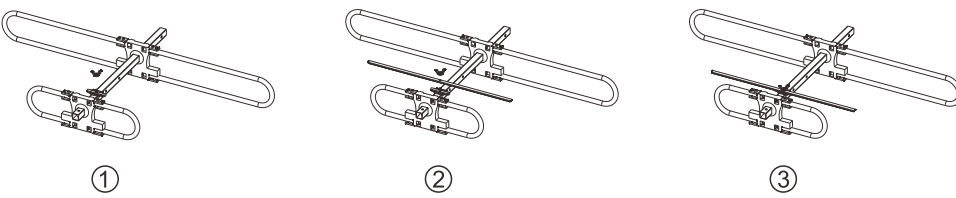
Installation Instructions



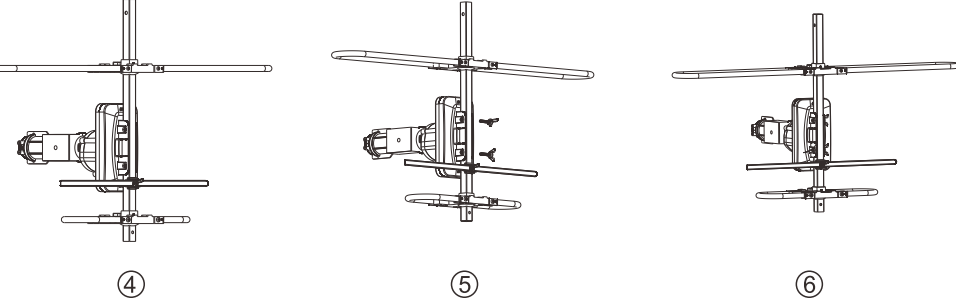
Antenna installation procedure

|   |                       |   |  |
|---|-----------------------|---|--|
| 6 | Aluminium sheet       | 1 |  |
| 7 | Components Bag        | 1 |  |
| 8 | 40 feet coaxial cable | 1 |  |
| 9 | Manual                | 1 |  |

**1. Fix 343mm Aluminum sheet**  
Back-out M4 butterfly nut as picture 1 shown, put 343 aluminium sheet on the holder as picture 2 shown, fasten it with M4\*25 screw and M4 butterfly nut as picture 3 shown.

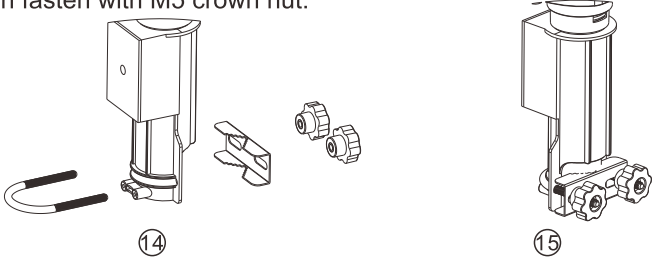


**2. Fix square aluminum**  
Put square aluminum in the motor frame groove as picture 4 shown, Put M4\*25 screw align to the hole and insert the square aluminum as picture 5 shown, fasten it with M4 nut as picture 6 shown.



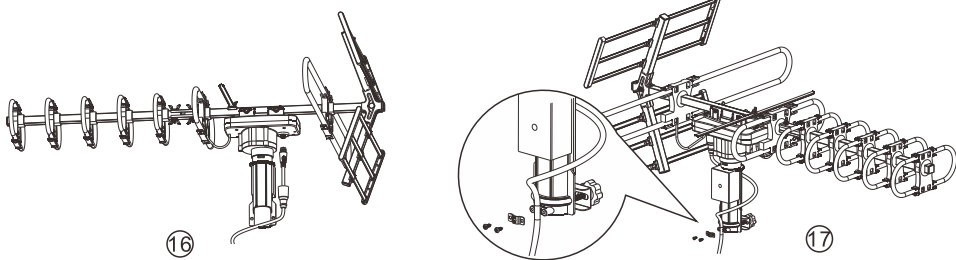
5. Install antenna base

As picture 14 and 15 shown, insert M5 screw to bottom groove of motor frame, put on clamp, then fasten with M5 crown nut.

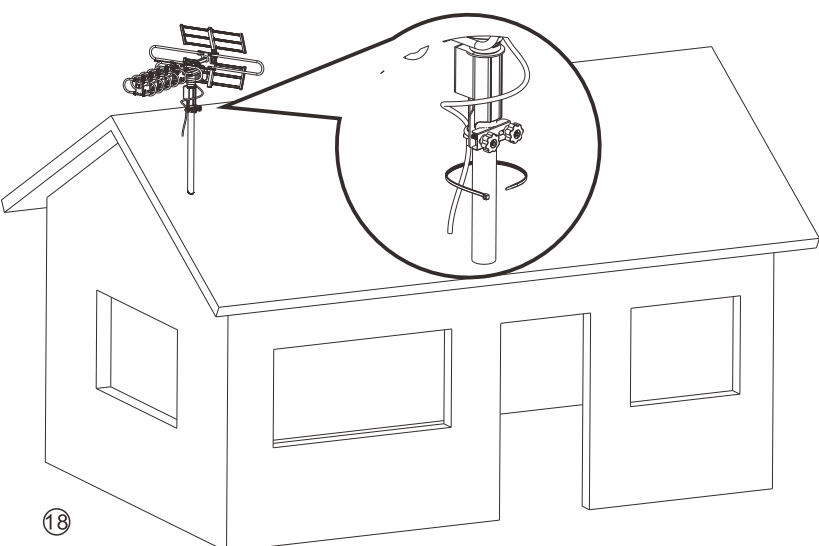


6. Install antenna

As picture 16 and 17 shown, connect 40FT coaxial cable the side with water proof to F connector of antenna, please do not twist immoderately to avoid breaking F connector. Use a iron circle clamp fix the water proof cap clings to the root of F connector. Then use clip and M3\*8 tapping screws fix the 40FT cable on the base of antenna. Caution: Do not tighten the cable here. Leave enough loose cable for the antenna to rotate.



Select an open place as the top of house to fix antenna. With bottom of antenna fixed to a mast pole , fasten it with M5 nut. Use a ribbon tie the coaxial cable to mast pole . Be sure antenna's rotating please remain more longer coaxial cable above the ribbon.

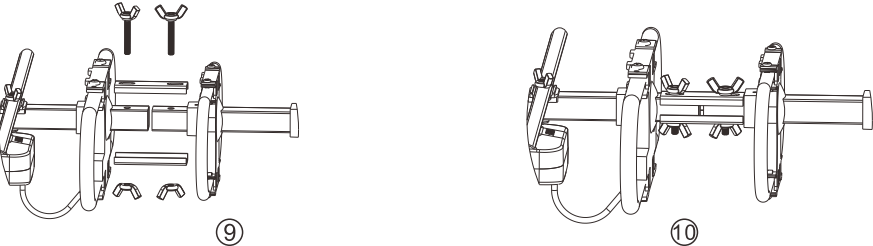


3. Install director

Find the antenna's director element, shown here, and open it up so that the looped metallic elements snap open into place as picture 7 and 8 shown.

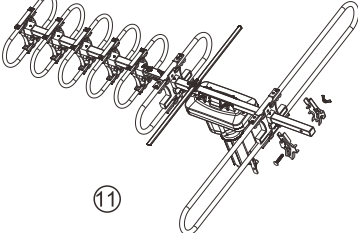


Use two more sets of wing nut screws to attach the director element from step 1 to the front of the antenna's base frame as picture 9 and 10 shown.



4. Install reflector

Put two pieces of 15\*15 tee joint clamp align to the hole on the two sides of square aluminum, use M5\*35mm screw insert the hole through the clamp and square aluminum as picture 11 shown.



Put the two reflectors in two sides of the clamp, fasten them with M5 butterfly nut as picture 12 and 13 shown.

