

Digital720_{COMBO}

Omni-directional Outdoor Antenna

Outdoor active antenna for digital terrestrial DVB-T/DVB-T2 TV

VAYOX
VA0066



INTRODUCTION:

This is a special designed new concept antenna for digital indoor and outdoor analog and terrestrial HDTV broadcasting reception. It is the best solution for home reception and digital portable TV reception. Complete accessories are included for wall or pole mounting. With the anti-UV and water proof housing, it can be used both indoor and outdoor.

Technical Data:

- Frequency Range: VHF87.5-230MHz UHF470-790MHz
- Receiving range: AF/FM/VHF/UHF
- Antenna Gain: 28dB
- Max. Output level: 100dBμV max
- Impedance: 75Ω
- Noise Figure: < 4.5dB
- Power Supply: DC 12V/24V

Included in Package:

Before start your installation, please check the contents.



Antenna VA0066



Wall & mast mounting kit



Adapter for power supply



10m coaxial cable



Power supply 12V 200mA

Product Features:

- Anti-UV coating and waterproof design.
- Lightweight, compact size and easy to install.
- For both analog and digital TV signal reception
- Built-in high gain and low noise preamplifier
- LED indicator light
- **Omni-directional** characteristics provide excellent non-adjustments reception in different directions
- With dipole inbuilt for the excellent UHF and VHF band signal reception.
- Specially Compatible with HDTV of various digital terrestrial signal (DVB-T; ISDB-T; DMB-T/H; ATSC)

Mounting the antenna:

This antenna can be used both indoor and outdoor, with the included mounting accessories, it can be mounted on the wall or the pole.

(Fig.1) use the screws and wall mounting accessories to fix the antenna on the wall

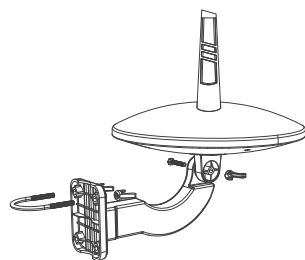
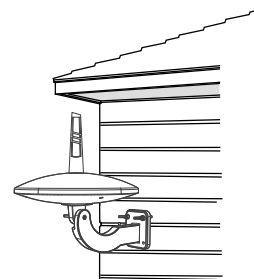


Fig.1



(Fig.2) Use the mounting accessories to fix the antenna on the balcony.

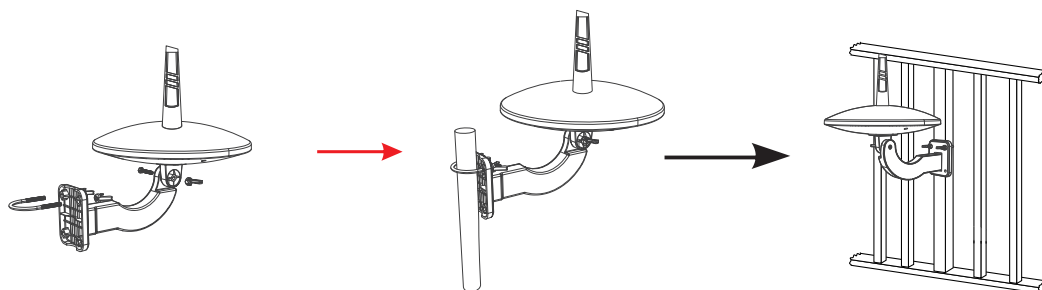


Fig.2

(Fig.3) use the pole mounting accessories to fix the antenna on the pole.

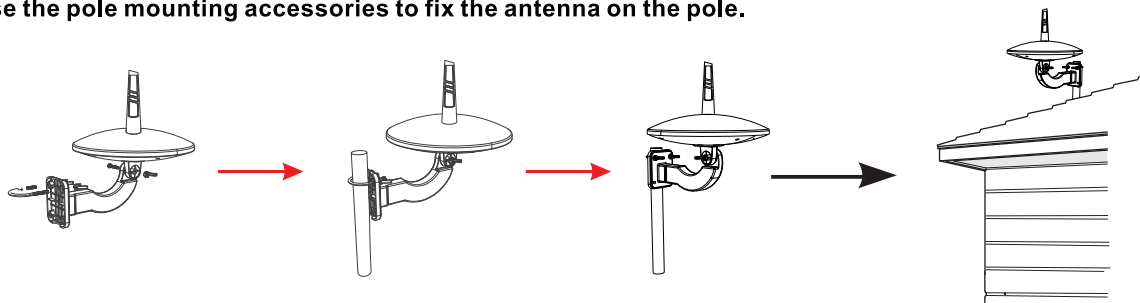


Fig.3

(Fig4) Available for mobile use

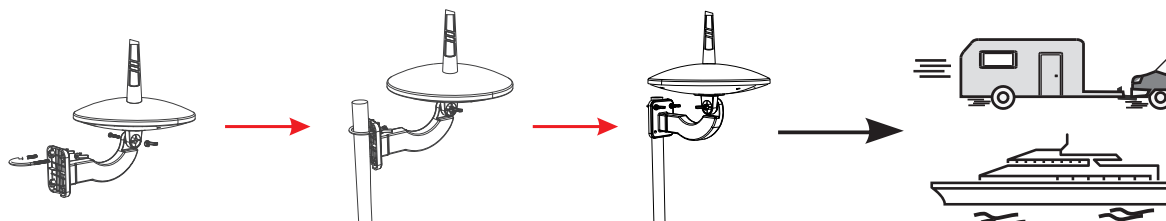


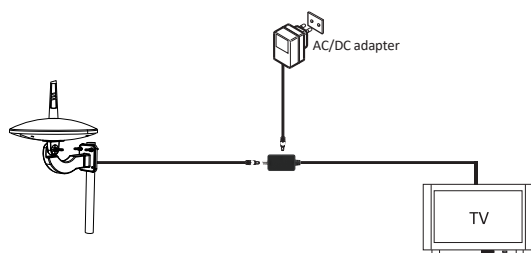
Fig.4

(Fig.5) connect the “F” male connector of the coaxial cable to the “F” female connector of the antenna, and wear the water proof cap to the end of the connected “F” connector.

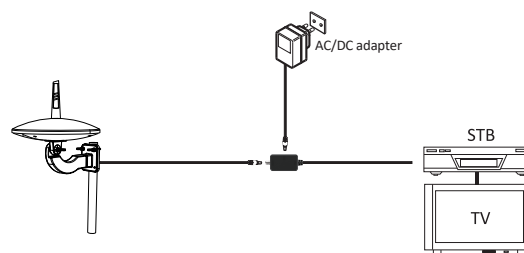
Fig.5



Installation: Please take following (Fig.6) and (Fig.7) installation instruction for reference.



Installation 1: Directly connected to TV(Fig.6)



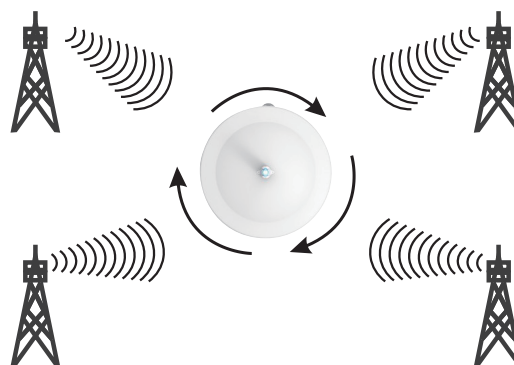
Installation 2: Connected through set-top box (Fig.7)

Note: After the antenna mounting and installation is finished, please adjust the antenna in the best position that can get clear TV picture, then fix the antenna, organize the coaxial cable for neat, tidy and safety,

Operation Instruction:

Note: For the best reception, Please check the following conditions

1. Keep the antenna away from the sources of interference: keep the antenna away from those big power consumption devices, such as air conditioner, elevator, hair dryer and microwave oven...etc.
2. Place the antenna near windows when use the antenna in indoor environment.
3. Install the antenna as high as possible: in digital terrestrial reception, if there are some interceptions between antenna and transmission tower, it will cause the signal loss temporarily. So if the antenna is installed as possible, those interceptions will be reduced.



360° OMNI DIRECTION TV SIGNAL reception