

NEW CONCEPT DIGITAL INDOOR/OUTDOOR TV ANTENNA

Amplified version



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; UHF470-862MHz
- Antenna Gain: 40dB
- Max. Output level: 100dBμV
- Impedance: 75Ω
- Noise Figure: ≤3.5dB
- Power Supply: 12V 50mA
- Remark: amplified

Included in Package:

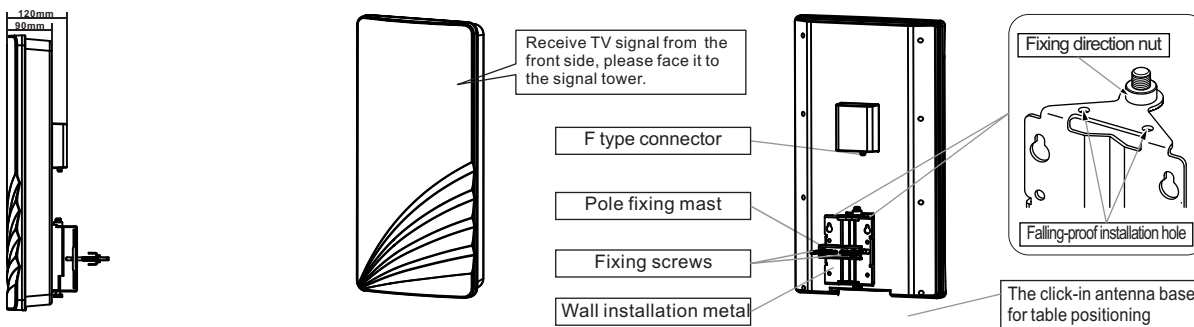
Before start your installation, please check the contents.

1. Antenna main unit
2. Mounting accessories
3. Power adapter
4. Power inserter
5. Water-proof kit



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
- 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 pole mounting accessories to fix the antenna on the pole.

(Fig.2) use the wall mounting accessories to fix the antenna on the wall

Fig.1

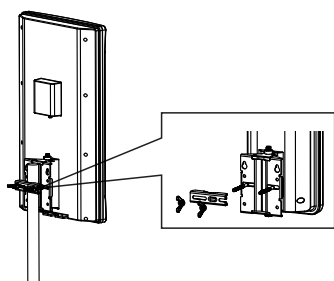
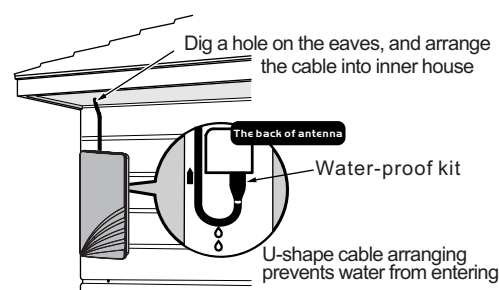
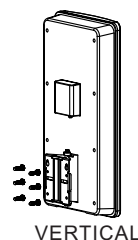
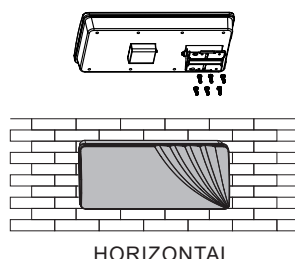
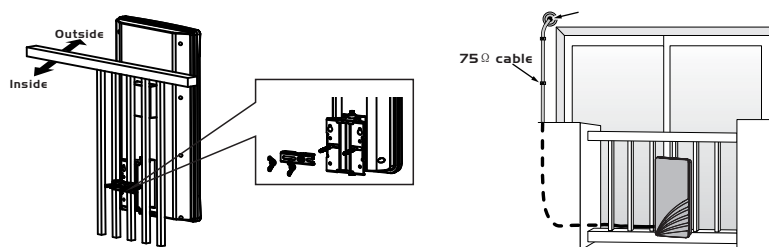


Fig.2

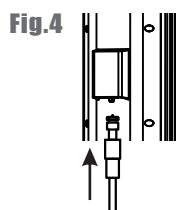
Using the screws to fix the antenna on the wall.



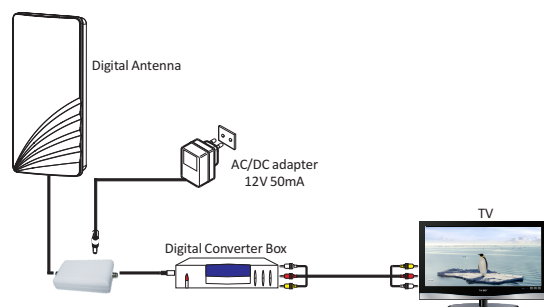
(Fig.3) Using the pole mounting accessories to fix the antenna on the balcony.



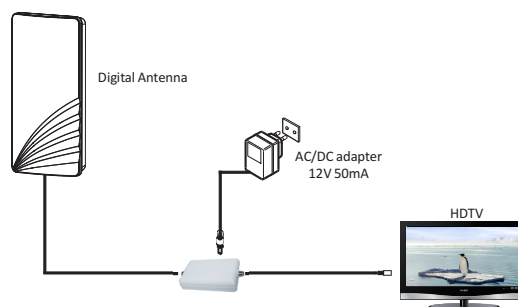
(Fig.4) connect the “F” male connector of the coaxial cable to the “F” female connector of the antenna, and wear the water-proof cap to the end of the connected “F” connector.



Installation: Please take following (Fig.5) and (Fig.6) installation instruction for reference.



Installation 1: Connected Through digital converter box (FIG.5)

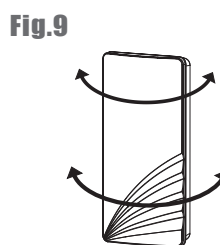
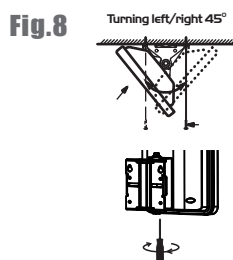


Installation 2: Directly connected to HDTV (FIG.6)

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, Please take reference of following positioning way to adjust the antenna position.

(Fig.8) through the fixing screws to adjust the antenna position in left or right direction (outdoor using)

(Fig.9) through turning the antenna body to adjust the antenna position in left or right direction (indoor using)



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.

