

Introduction:

This is a special designed antenna for digital terrestrial TV broadcasting reception. It is the best solution for home reception and digital portable TV reception. The antenna is an active antenna that can be used with TV or set-top box which supports coaxial cable powering.

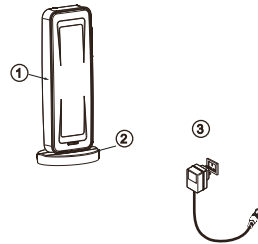
Technical Data:

- Frequency range: FM 87.5-108.5MHz,
VHF: 170-230MHz
UHF:470-694 MHz
- Gain: 28dB
- Max. Output level: 100dB μ V
- Output impedance: 75 Ω
Power supply: via AC/DC adapter (DC 5V 200mA)
or DTV set top box (DC 5V 40mA)
- Noise Figure: \leq 3dB

Included in Package:

Before start your installation, please check the contents.

1. Antenna main unit
2. Antenna pedestal
3. Adapter



Product Features:

- SMD circuit technology design
- Shielded for minimum interference
- Built-in high gain and low noise amplifier
- Portable for mobile use (camping, boating, etc)
- Horizontal or vertical positioning for best possible reception
- Excellent reception for digital, freeview and analog TV signals
- Stylish and compact size design with modern shiny black or white finish
- Compatible with HDTV of various digital terrestrial signal (DVB-T, ISDB-T, DMB-T/H, ATSC)

INSTALLATION:

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.

Installation 1: Powered by DTV set-top box

Please be noticed, in this installation, you need to make sure that your set-top box can support coaxial cable 5V DC powering via the IEC or F connector to antenna.

- Step1.** Take out the antenna main unit and accessories from box.
- Step2.** Connect the coaxial cable with antenna and DTV set-top-box
- Step3.** Connect the DTV set-top box to your TV. Please make sure the coaxial cable powering function of your STB is ON. (Please check The operational manual of your STB for coaxial cable powering function)
- Step4.** Adjust the antenna (turn around the antenna body in different direction or put it in vertical or Horizontal) in the best position that can reception digital TV signal. (It is recommended to place the antenna near the window where the digital TV signal comes in.)
- Step5.** Organize the Coaxial Cable for neat, tidy and safety .

Installation 2: Powered by AC/DC Adaptor

- Step1.** Take out the antenna main unit and accessories from box.
- Step2.** Connect the coaxial cable with antenna and DTV set-top-box or TV.
- Step3.** Connect the DTV set-top-box to your TV.
- Step4.** Connect the power adapter DC output jack to the DC input connector of the antenna, and then plug the AC/DC power adapter into the AC power socket.
- Step5.** Adjust the antenna in the best position that can receive digital TV signal. (It is recommended to place the antenna near the window where the digital TV signal comes in.)
- Step6.** Organize the Coaxial Cable for neat, tidy and safety.

Note: After the installation is finished, you can use your set-top box to check the signal strength and quality. If you can not have a steady picture, please move the antenna to a better reception position (Remark this antenna can stand for vertical or horizontal reception, showed as **(Fig.1)**). when you find the best Position, please fix it.

