

# Indoor TV Antenna

Model No.: DVB-T812P

## Introduction:

This is a specially designed antenna for digital terrestrial TV broadcasting reception. It is the best solution for mobile and portable digital TV reception. The antenna is an active antenna that can be used with a TV or set-top box which supports coaxial cable powering. Using a power adaptor for a power inserter and an adaptor for external powering is also supported.

## Technical Data:

- Frequency range: VHF: 87.5-230MHz-862MHz UHF:470-862MHz
- Gain: 28dB
- Max. Output level: 100dBuV
- Power supply: AC/DC adapter (DC 5V/50mA.) or DTV set-top box/(DC 5V/40mA)
- Impedance: 75
- Noise Figure: <3dB

## Included in Package:

Before starting your installation, please check the contents.

- |                      |                       |
|----------------------|-----------------------|
| 1) Main antenna unit | 3) Adapter            |
| 2) Amplifier         | 4) Operational manual |

## Product Features:

- SMD circuit technology design
- Shielded for minimum interference
- Built-in high gain and low noise amplifier
- Clamp for clipping the antenna on the laptop or LCD TV frame
- Powered by a DTV set-top box or the separately included power adapter
- Compatible with HDTV of various digital terrestrial signals (DVB-T, ISDB-T, DMB-T/H, ATSC).

## INSTALLATION:

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

1. Place the antenna away from the sources of interference such as air conditioners, computers, gaming consoles, hairdryers, and high-powered kitchen appliances like microwave ovens, etc.
2. Place the antenna near windows when using the antenna in an indoor environment.
3. Install the antenna as high as possible: if there are some interceptions between the antenna and transmission tower, it can potentially cause a temporary signal loss in digital terrestrial conditions. If the antenna is installed as properly, those interceptions will be reduced.

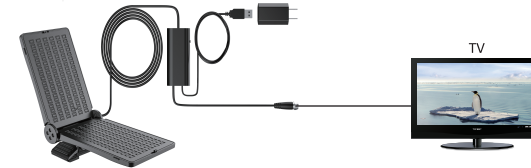


Mini-size series

## Installation 1 : powered by adapter (Fig.1)

- Step 1. Take out the main antenna unit and accessories from the box.
- Step 2. Connect the coaxial cable attached to the antenna and the power inserter.
- Step 3. Connect the power inserter to the TV (or receiver)
- Step 4. Take out the adapter; connect it to the DC input of the power inserter; connect another end to the car charger power outlet, please only use the supplied adapter and power inserter.
- Step 5. Use the clamp and clip the antenna on a laptop or LCD TV frame that can receive a digital TV signal. (It is recommended to place the antenna on the window where the digital TV signal comes in.)
- Step 6. Organize the coaxial cable for a neat, tidy, and safe installation.

Fig. 1

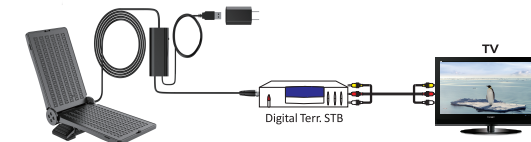


## Installation 2 : powered via a DTV set-top box (Fig.2)

Please note that in this installation, you need to make sure that your receiver or TV can support coaxial cable 5V DC powering via the IEC or F connector to the antenna.

- Step 1. Take the main antenna unit and accessories out.
- Step 2. Connect the coaxial cable attached to the antenna and your receiver or TV.
- Step 3. Please make sure the coaxial cable powering function of your STB is ON. Please check The operation manual of your TV or STB for coaxial cable powering function.
- Step 4. Use the clamp and clip the antenna on a laptop or LCD TV frame that can receive a digital TV signal. It is recommended to place the antenna on the window where the digital TV signal comes in.
- Step 5. Organize the coaxial cable for a neat, tidy, and safe installation.

Fig. 2



Note: After the installation is finished, you can use your set-top box to check the signal strength and quality. If you do not have a steady picture, please move the antenna to a better reception position. When you find the best position, please fix it. If the mobile receiver is installed at a hard-to-reach location in the car, you may need to take the interior panel apart and install the two antennas for the dual tuner mobile receiver. Please separate the 2 antennas as far as possible for better signal reception.

If you have any questions or concerns about our products or your order, please do not hesitate to contact us at support@umusthaveusa.com (24/7 support) or give us a call +1 (800) 207-5184 (Mon-Fri 8am - 6pm PTC)