

DRACO® DIGITAL INDOOR TV ANTENNA

Model No.: ANT-600

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 active that can be used with TV or digital receiver, which supports coaxial cable powering or USB cable powering.

Technical Data:

Frequency range: VHF: 87.5-230MHz UHF: 470-862MHz

Gain: 28dB

Max. Output level: 100dBμV

Output Impedance: 75Ω

Power supply: via USB cable (DC 5V 40mA) or digital receiver (DC 5V 40mA)

Noise Figure: ≤3dB

Included in Package:

Before installation, please check the contents.

1. Antenna main unit
2. Antenna pedestal
3. USB cable

Product Features:

SMD circuit technology design

Shielded for minimum interference

Built-in high gain and low noise amplifier

Blue LED power-on indicator and gain adjuster

Portable for mobile use (camping, boating, etc)

Horizontal or vertical positioning for best possible reception

Excellent reception for digital, freeview and analog TV signals

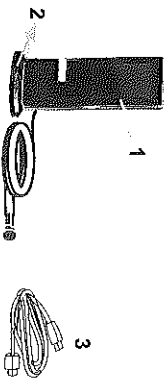
Stylish and compact size design with modern shiny black

Compatible with HDTV of various digital terrestrial signal (DVB-T, DVB-T2, ISDB-T, DMB-T/H, ATSC) and DAB radios

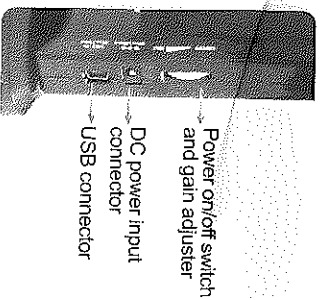
Installation:

For the best reception, please check the following conditions

1. Keep the antenna away from the sources of interference and 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 high as possible, those interceptions will be reduced.



Horizontal



Power on/off switch and gain adjuster

DC power input connector

USB connector

Installation 1: Powered by digital receiver (Fig.1)

- Step1.** Connect the coaxial cable with digital receiver.
- Step2.** Connect the digital receiver to your TV. Turn on the TV and digital receiver. Open the menu of digital receiver and turn "SV ON" manually to make sure 5V power for antenna amplification.
- Step3.** Turn on the power on/off switch and check the LED on the antenna.

- Step4.** Move the antenna in different directions or change it between vertical and horizontal for the best receiving positioning. (It is recommended to place it near the window where the digital TV signal comes in.)
- Step5.** Adjust the gain adjuster to get the best reception.
- Step6.** Organize the coaxial cable for neat, tidy and safety.

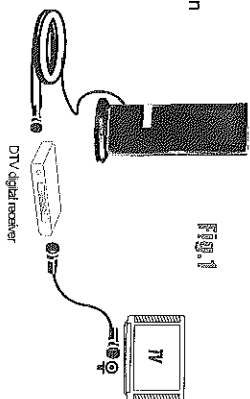


Fig.1

Installation 2: Powered by USB cable via USB socket on TV (Fig.2)

- Step1.** Connect the coaxial cable with digital receiver.
- Step2.** Connect the digital receiver to TV.
- Step3.** Connect the antenna with TV by the USB cable. Make sure the USB socket on TV can provide DC 5V.
- Step4.** Turn on the TV, digital receiver, and the power on/off switch of antenna, then check the LED on the antenna.
- Step5.** Move the antenna in different directions or change it between vertical and horizontal for the best receiving positioning. (It is recommended to place it near the window where the digital TV signal comes in.)
- Step6.** Adjust the gain adjuster on the antenna to get the best digital TV signal reception
- Step7.** Organize the coaxial cable for neat, tidy and safety.

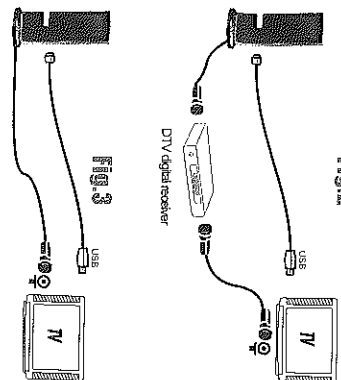


Fig.2

Fig.3

Installation 3: Powered by USB cable via computer (Fig.3)

- Step1.** Connect the coaxial cable with DTV adapter of the computer.

- Step2.** Connect the DTV adapter to the computer. (Please check the operational manual of the DTV adapter)

- Step3.** Connect the antenna with computer by the USB cable.

- Step4.** Turn on the power on/off switch and check the LED on the antenna.

- Step5.** Move the antenna in different directions or change it between vertical and horizontal for the best receiving positioning. (It is recommended to place it near the window where the digital TV signal comes in.)
- Step6.** Adjust the gain adjuster on the antenna to get the best digital TV signal reception.

- Step7.** Organize the coaxial cable for neat, tidy and safety.

- Remark:** If your DTV adapter has the function that offering the DC 5V power through the coaxial cable to antenna, then no need the connection of USB cable.

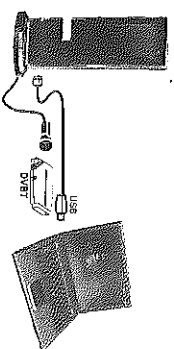


Fig.4