



# DIGITAL INDOOR HDTV ANTENNA

Model No.: HD-801



## INTRODUCTION:

This is a special designed antenna for both analogue and digital terrestrial TV broadcasting reception. It can receive all the TV signals of your area in VHF and UHF band, as well as the FM radio signal. It is the best solution for home and portable TV reception. The antenna amplifier is powered through an AC/DC adapter. Easy installation and use.

## TECHNICAL DATA:

- Receiving Range: FM/VHF/UHF
- Max Gain: 30dB(max)
- Output Level: 100dBµV Max
- Noise Figure: ≤3dB
- Power Supply: DC12V

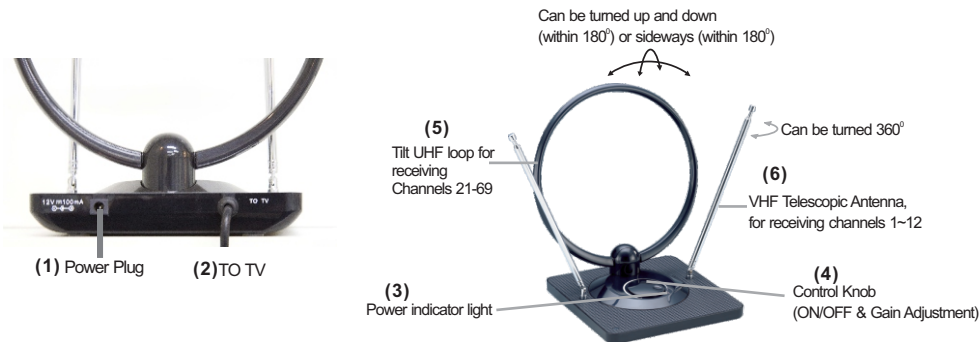
## PRODUCT FEATURES:

- Variable gain control
- Power On/Off LED indicator
- SMD circuit technology design
- Built-in high gain and low noise amplifier
- Adjustable loop aerial for the best UHF reception
- Adjustable telescopic antennas for optimum VHF and FM radio reception

## 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.



## SETTING AND CONNECTIONS

- Connect power adapter to antenna.
- Connect cable to converter box or HDTV

After checking that all the cables have been connected properly, turn the ON/OFF knob (4) to switch the antenna on: led (3) lights up showing that the amplifier of the antenna is working. Now, turn your television on and follow the TV manual to set the TV input signal source to AIR or Antenna. Do a channel scan on your TV, then adjust the rod antennas (6), the dipole antenna (5) and the amplifier gain (4) according to what is described in next paragraphs.

## SIGNAL RECEPTION

### VHF SIGNALS - I-III BAND (channels 1-12)

This antenna receives VHF signals (both analogue and digital) through the rod antennas (6).

For best reception, adjust rod antennas as follows:

- for I Band: extend completely the rod antennas;
- for III Band: shorten the rod antennas to about 16 inches (the extension depends on the channel you want to receive);
- then, move the rod antennas until you get the best signal reception.

### UHF SIGNALS - IV-V BAND (channels 21-69)

This antenna receives UHF signals through dipole antenna (5):

- tilt the dipole up and down;
- turn the dipole sideways until you get the best signal reception.

## GAIN ADJUSTING

In order to adjust the amplifier gain turn ON/OFF knob (4) until to get the best signal reception:

- to increase gain, turn the knob clockwise
- to reduce gain, turn the knob anticlockwise

**Note: This antenna can be used directly connected to TV or digital converter box, please take reference of following 2 different connection diagrams to install your antenna.**

### (Fig.1), Directly connected to HDTV

### (Fig.2), Directly connected to digital converter box

Fig.1

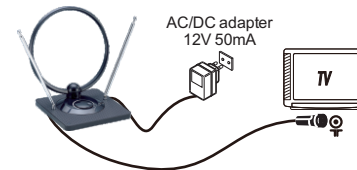


Fig.2



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## Warranty

One year manufacturer's warranty and for parts only. Antenna must purchase from authorized dealer/retailer and with valid receipt.