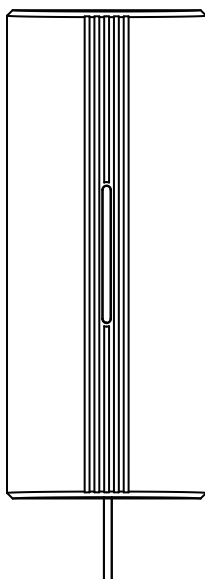


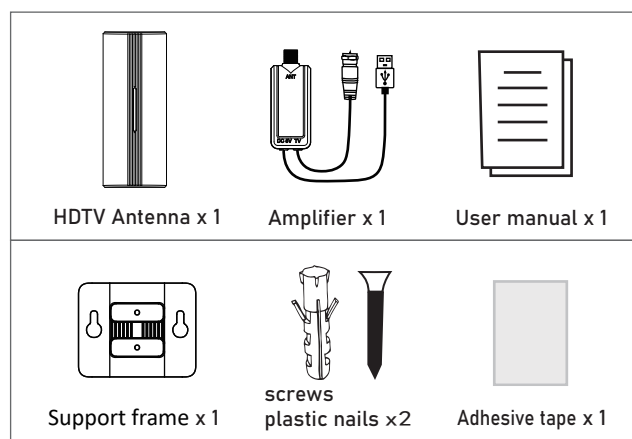
# Digital HDTV Antenna

AN9009

## User Manual



## Package contents



## Technical data

Frequency range: VHF170-230MHz/UHF470-862MHz

Gain: 28dBi

VSWR:  $\leq 2.0$

Impedance: 75 $\Omega$

Cable length: 2.5C-2V

Connector: F male / IEC male

Power supply: USB port(5V/50mA)

Polarization: Horizontal / Vertical

Operation temperature: -20~ 85  $^{\circ}\text{C}$

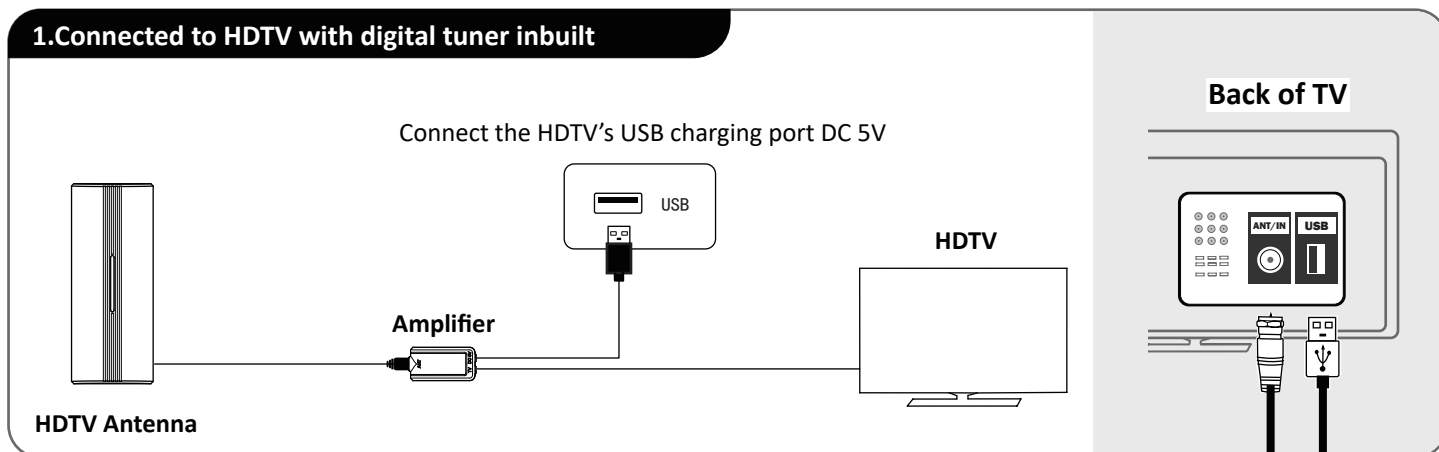
Working humidity: 20 ~ 85%

Product size: 102\*50\*250mm

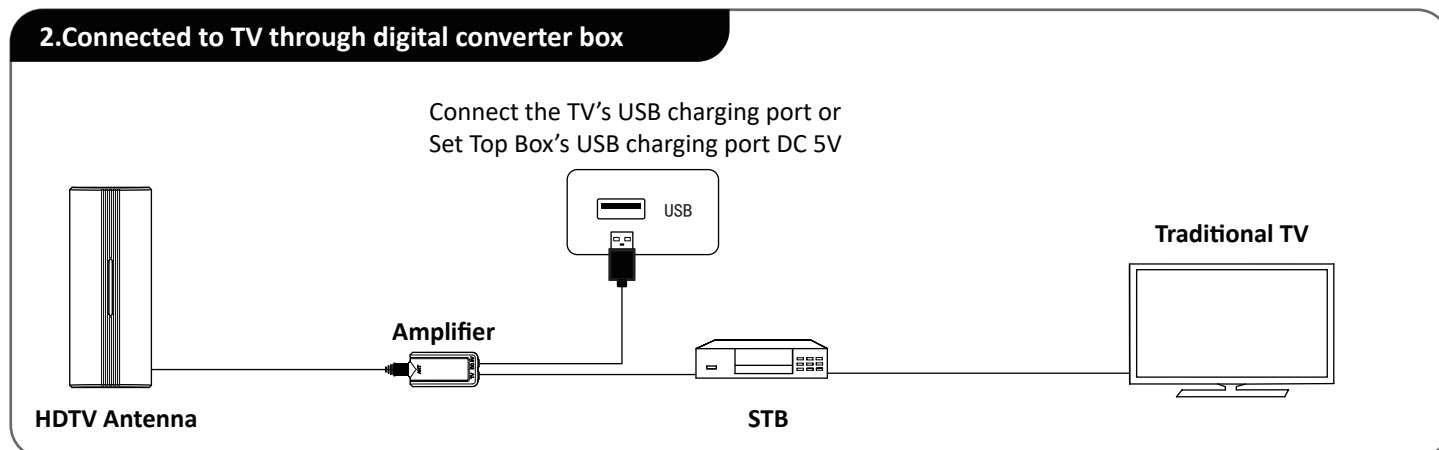
\*Please read the instruction manual carefully before using this antenna.

## Connection diagram

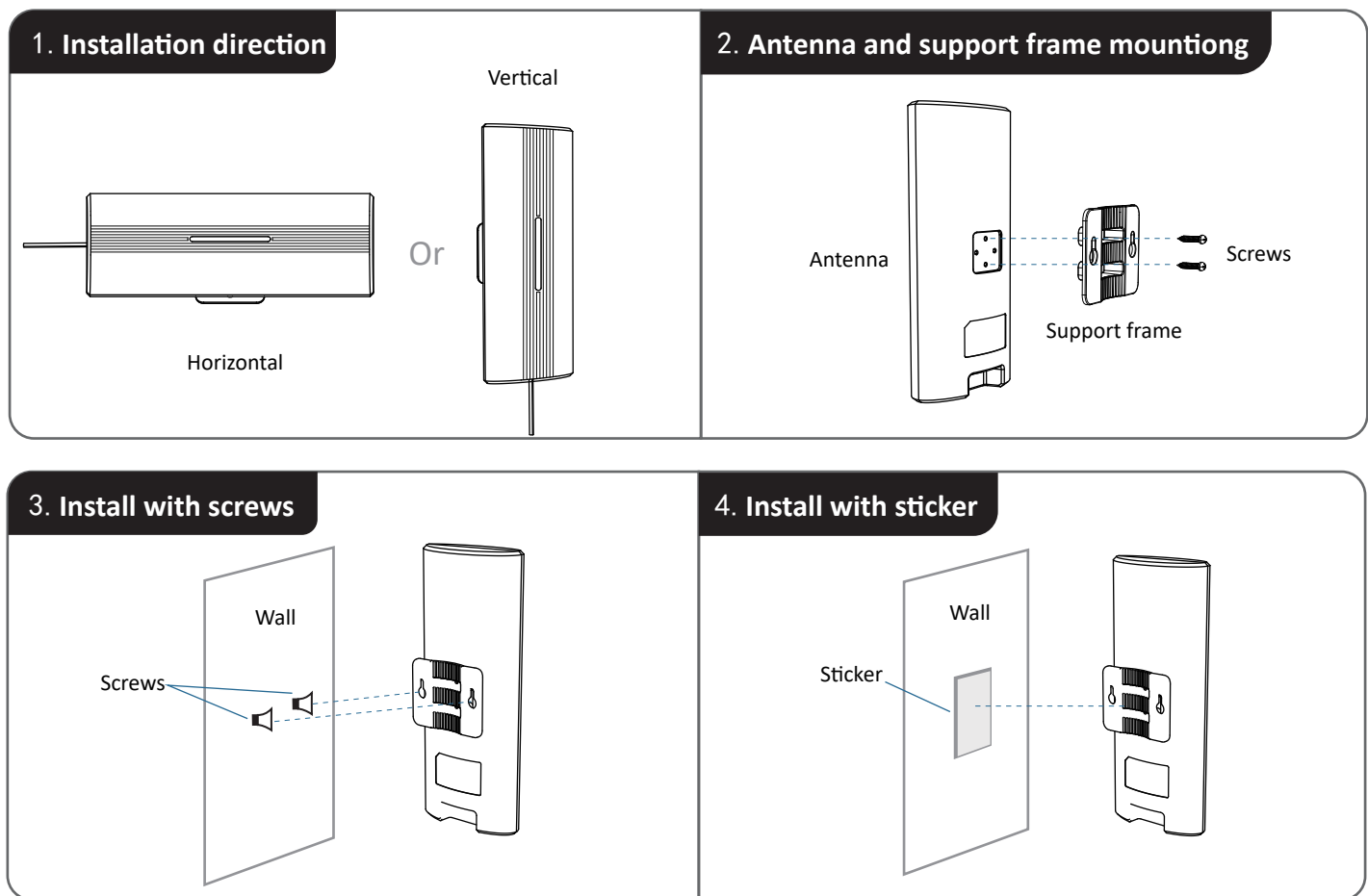
### 1.Connected to HDTV with digital tuner inbuilt



### 2.Connected to TV through digital converter box



## Antenna installation diagram



## How to connect the antenna to TV

1. Connect the F male of antenna to the F female of the amplifier.
2. Connect the F male or IEC male of the amplifier to the ANT/IN connector on TV set Top Box.
3. Power the amplifier by plugging the amplifier's USB connector into an open uSB port on the TV or the set Top Box or into a wall outlet using one power adapter (not included).
4. Scan for channels using your TV's channel search and be ready to enjoy free TV channels.
5. If reception is sporadic, try moving the antenna to another location and rescanning the TV tuner until optimal position is found.

## FCC Requirement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.