

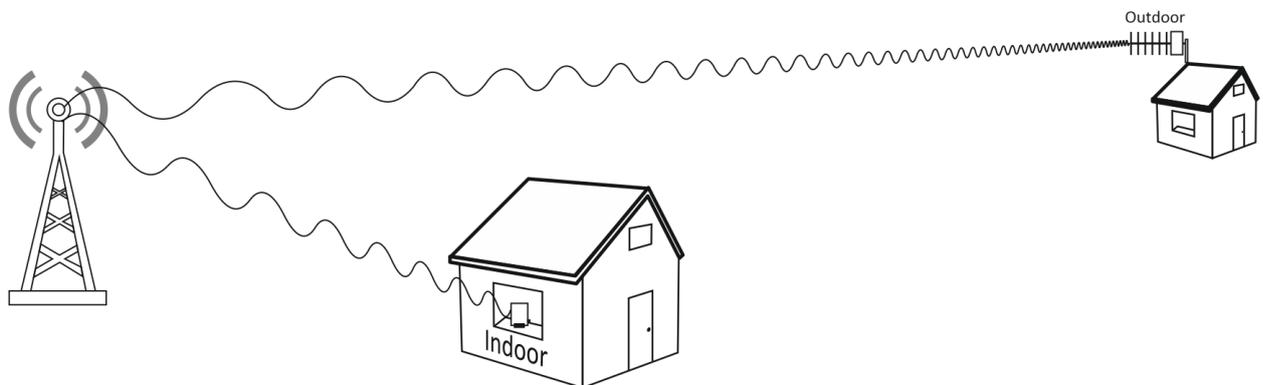
Congratulations with your Funke antenna! With your Funke antenna you can watch programs offered by your provider.

Which antenna is the best choice for my location, indoor or outdoor?

This information can be found in the coverage map of the network provider.

-For more information check the network provider`s website-.

In general, “the further away from the TV tower, the weaker are the signals”.
Strong or moderate signals need an indoor antenna.
Weak signals need an outdoor antenna.



Attention: This antenna is an active antenna and needs 5 volt power to function!

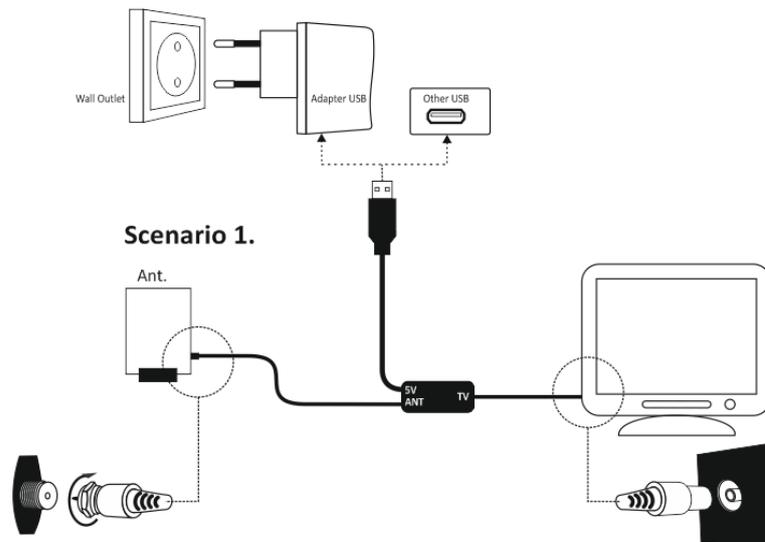
Funke antennas are equipped with a blue LED
The LED will indicate if the antenna gets the necessary 5 volt to operate
If the LED is not illuminated, the antenna will not work.

How can I power my antenna?

There are two scenarios possible

Scenario 1. 5 Volt electric input through inserter.

The power can be delivered directly from a 5 volt USB port on your TV in combination with an Inserter, or it can be delivered by a power adapter which is connected to the inserter and wall outlet as well.

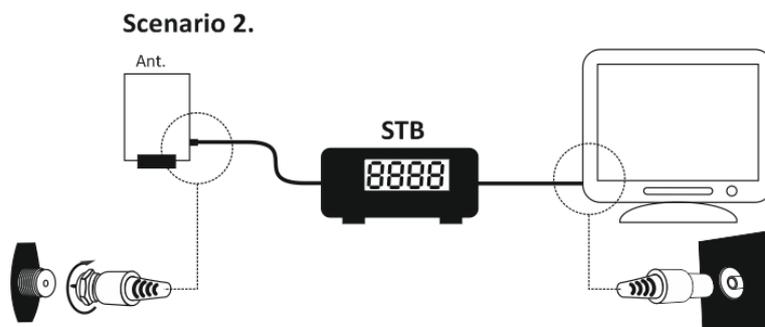


Scenario 2. 5 Volt electric input through the coaxial antenna input on the set-top-box (STB) or TV-set.

Set-Top-Boxes and TV-sets with integrated tuner can deliver 5Vdc directly to the antenna via the input connector.

Be sure that the antenna power is switched on in the STB's/TV menu.

Please refer to the owner's manual of your STB or TV.

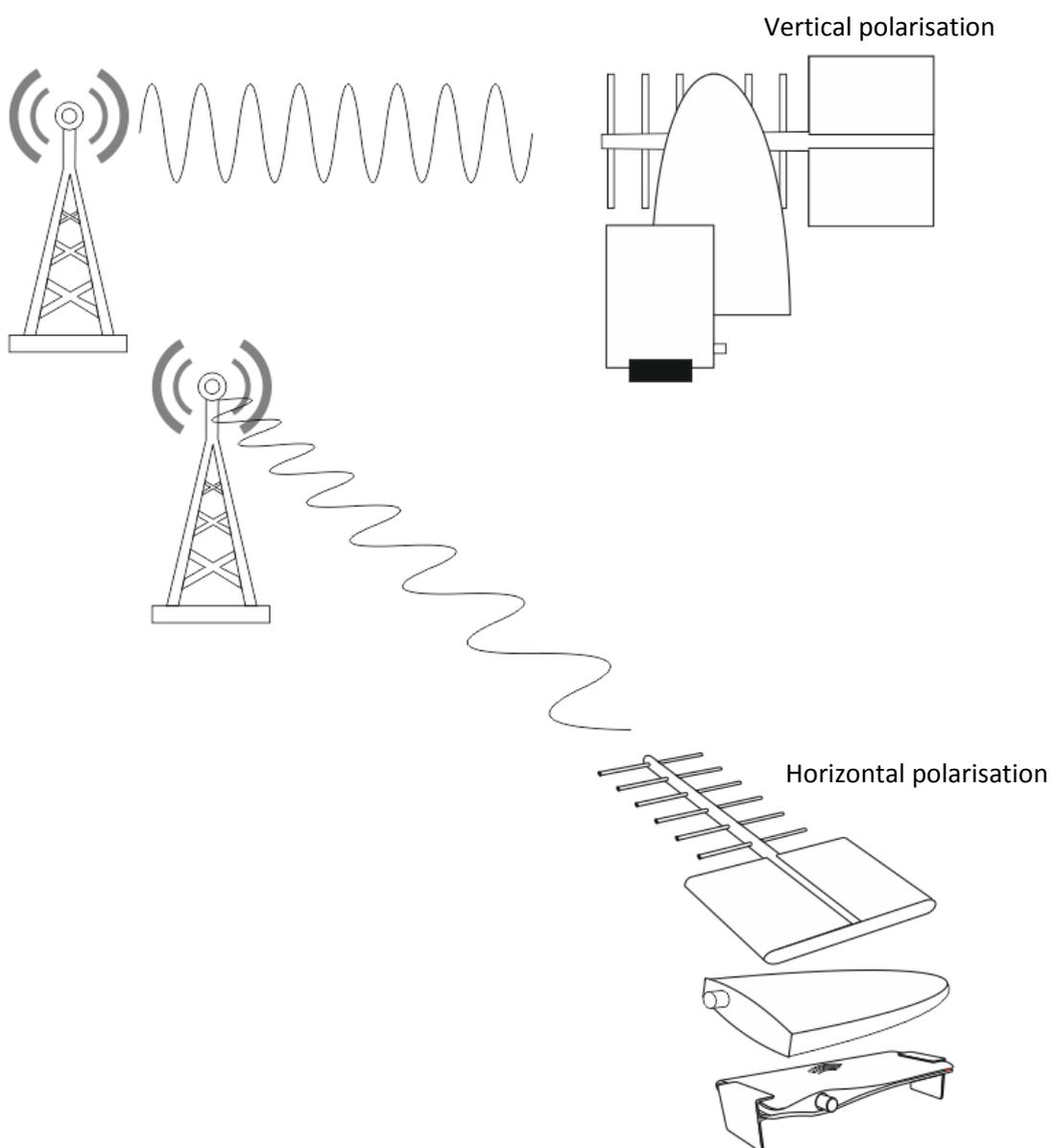


How should I position my antenna?

This placement depends on the polarization of the transmitted signals broadcasted by your network provider.

Your antenna should be placed in the same polarity (horizontal or vertical).

-For more information check the network provider's website-.



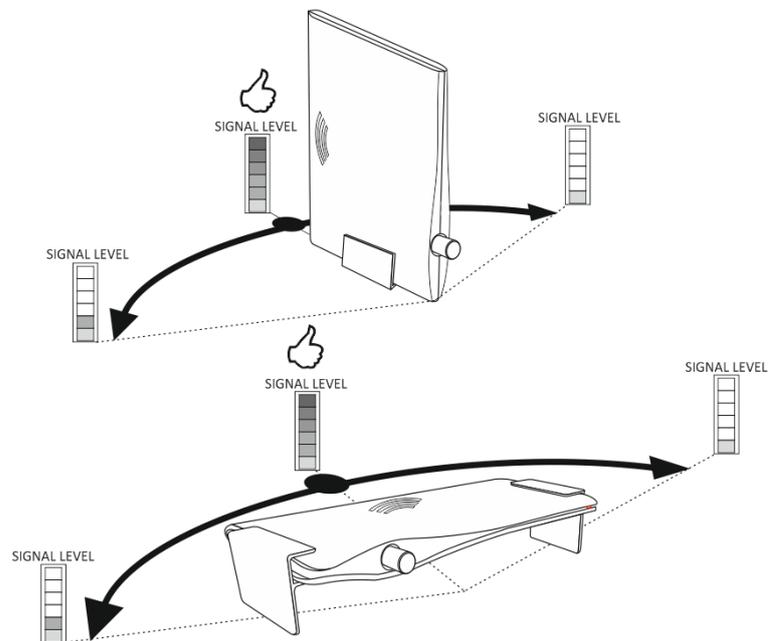
Where should I place my antenna?

Indoor antenna

Place the indoor antenna in an interference free setup without nearby metal obstructions. Place the antenna as high as possible, a table or windowsill will usually suffice.

Indoor antennas are slightly directive.

For optimal reception rotate the antenna until the maximum signal level is achieved. As indication, in the menu of your receiver mostly a level meter is visually.



Outdoor antenna

Your outdoor antenna can be mounted to a wall, a balcony or on a mast.
Mount the antenna as high as possible to achieve maximum signal strength.

Your outdoor antenna is directive, this means that the antenna should be oriented in the direction in which the maximum signal level is reached.

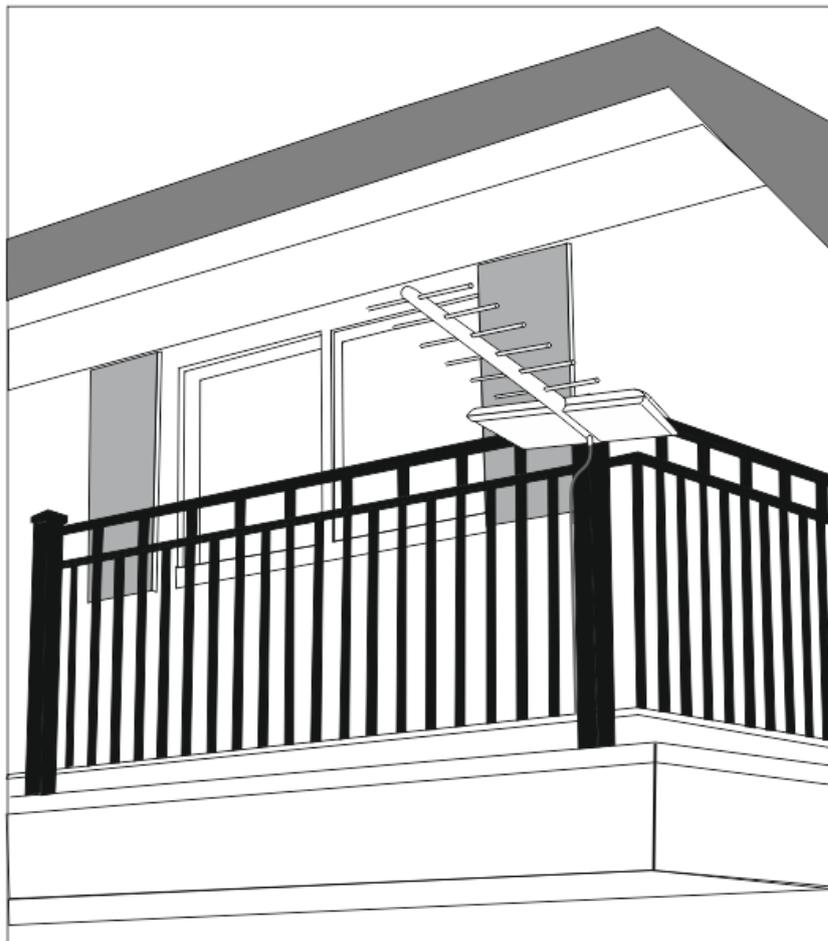
In most situations the best direction is the location of the transmitting tower.
For this direction the location coordinates of your transmitting tower are needed.

-For more information check the network provider`s website-.

An outdoor antenna catches wind.

Heavy winds can twist the antenna if it is not fixed properly.

Make sure that all bolts and nuts are fixed in a sturdy way to prevent unwanted antenna rotation.



Troubleshooter

<p>LED on antenna is not illuminating</p>	<ul style="list-style-type: none"> • Check receiver menu “Antenna Power” should be “ON”. • Check cables and connections • By using power inserter check the output voltage.
<p>Low antenna signal level / blocked images</p>	<ul style="list-style-type: none"> • Check on right polarisation • Rotate the antenna and find maximum signal level • Place the antenna on a higher/different spot. • Check on disturbing obstructions. • Check on nearby interferers like mobile phones and other electrical equipment.
<p>Only a few programs can be found</p>	<ul style="list-style-type: none"> • Check on right polarisation • Rotate the antenna and find maximum signal level. • Place the antenna on a higher/different spot. • Check on disturbing obstructions. • Check on nearby interferers like mobile phones and other electrical equipment. • Check for updates on your receiver.