

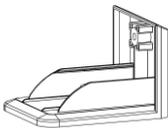
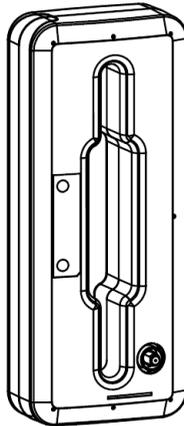
# NAUHF-A30

4G READY ACTIVE NOTCH TV  
AERIAL

Item ref: 130.000UK

User Manual

## NAUHF-A30



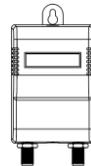
Free Standing  
Base



Pole Mount Bracket



1.3m F plug  
Cable



Power Supply

## INTRODUCTION:

Thank you for choosing Mercury antenna. This is a new concept antenna based on current mobile communication technology. It is specially designed for the purpose of analogue and digital TV reception, with a built in 4G filter, so you will never have to worry about interference from the 4G mobile signal. The design of this aerial is much more compact compared to a traditional aerial of the same gain; this is due to the built in, low noise, high gain amplifier to make this possible. Ready to install from the box, saving a considerable amount of installation time and labour cost. This aerial is suitable for both indoor and outdoor installation, supplied with a base for free standing and also a bracket for pole mounting. The well designed outer case will greatly improve the appearance of an aerial installation.

## SPECIFICATION:

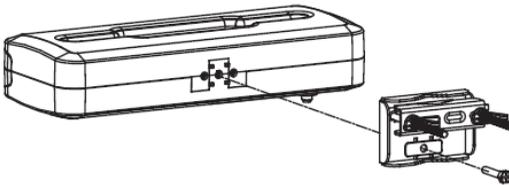
Frequency Range:	VHF 87.5-230MHz; UHF 470-790MHz
Antenna Gain:	VHF 25dB; UHF 30dB
Maximum Output Level:	100dB $\mu$ V
Impedence:	75 $\Omega$
Noise Figure:	$\leq$ 3.5dB
Power Supply:	12Vdc 50mA

## INSTALLATION:

This aerial can be pole mounted or free standing.

Pole Mount:

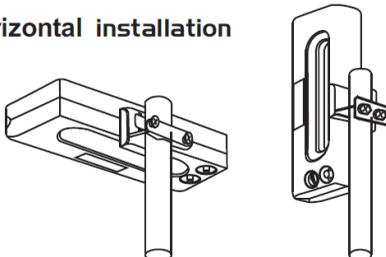
- Screw on the pole mount bracket to the back of the antenna.



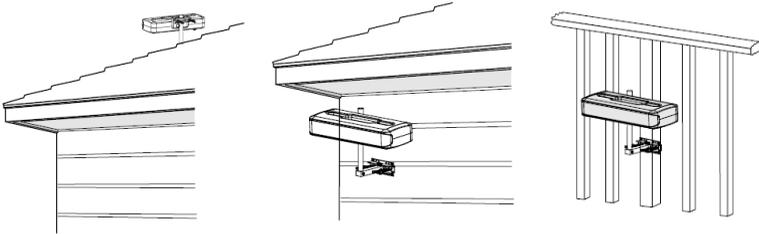
- Depending on which plane the wave is transmitting on, the antenna can be installed either horizontally or vertically, using the bracket to clamp the aerial to the pole mast.

## Veritcal installation

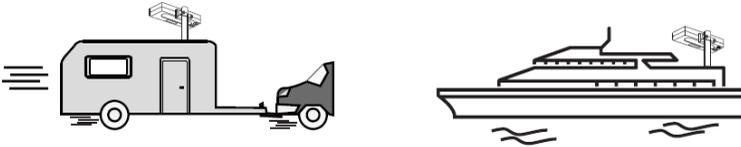
### Horizontal installation



- The pole mast (not included) can be positioned on top of the roof, on the side of a wall using an L shaped pole mast or on the balcony if installation is for an apartment.

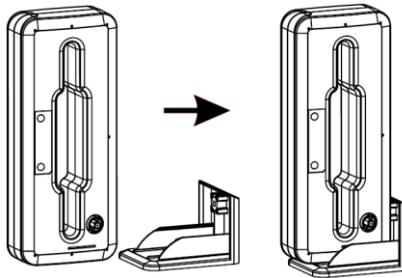


- It is also possible to be installed on a mobile unit such as caravan or boat. Since the antenna is one whole unit and compact design, it will be very easy to uninstall when not in use.

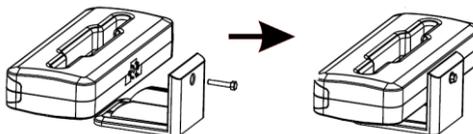


For free standing installation use the supplied base holder, the antenna also can be installed vertically or horizontally depending on which plane the wave is transmitted on.

- For vertical installation, simply match up the key section and slide the antenna into the base holder.

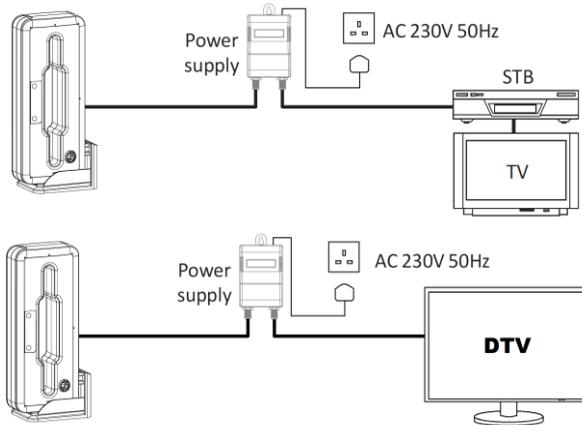


- For horizontal installation, simply hold the antenna in horizontal position and using a screw to keep it in position from the back of the stand.



## CONNECTION:

Ensure both power supply and TV are switched off and unplugged. Connect the antenna port of the power supply to the antenna, use the water proof boot supplied to cover the terminal if the installation is outdoors. Then connect the TV port of the power supply to the set top TV receiver, for a TV with digital TV ready, it can be plugged into the TV directly.



After finishing mounting the antenna, adjust the position of the antenna until the best picture and sound quality is achieved (Usually facing the direction of the transmitting tower), fix the antenna at its best receiving position, then cable management can be performed to improve overall appearance and avoid tripping over.

Please note, for best reception:

- Keep the antenna away from high power appliances such as air con, hair dryer, microwave oven etc.
- For indoor installation, please position the antenna as close to window as possible.
- Position antenna at the highest possible location, as blockage in line of sight between antenna and transmission tower may cause signal lost, having the antenna installed at highest possible location will minimize the chance of signal blockage.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.  
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