

# BAZOKA-PRO

Wide Band Mobile Antenna with tilt-hinge

Tx: 7-30 MHz/50 MHz

Rx: 3-70 MHz Receiving only

Maximum Power: 120W (SSB) 40W (FM)

## Operating instructions

For correct use of the BAZOKA-PRO antenna read the instructions thoroughly before use. Keep this manual on-hand for later reference.

The BAZOKA-PRO is intended for use by Radio Amateurs only within their authorised frequency bands.

For some bands use of an antenna tuner may be required.

## Warning

To avoid accidents and possible injury follow the guidance below:

1. Nuts and screws can be loosened by vibration during driving. Be sure to check them from time to time and re-tighten if necessary.
2. Strong impact can cause the antenna to break and the element could cause injury. It is recommended to avoid obstacles such as branches when driving.
3. Vibrations from the vehicle's engine may damage the antenna. It is recommended to mount the antenna at a location where the least vibrations occur.
4. Touching the antenna during transmission may give an electric shock. Be sure to check there is no one near the antenna before transmitting when the car is parked.
5. Do not drive the car with the antenna tilted over, doing so may cause serious injuries.
6. When installing the antenna be sure to respect all local traffic regulations and the length of the vehicle into account. The antenna should be installed where it is not easily reachable by people.
7. The SWR of the BAZOKA-PRO is less than 2.0:1 across its broad frequency range. When transmitting use an antenna tuner to reduce the SWR to 1.5:1. Note the SWR may change depending upon where you install the antenna.
8. During storms do not touch the antenna or coaxial cable to avoid being electrocuted by a lightning strike.

## Description

1. The BAZOKA-PRO is designed as a wide band antenna to cover 7-30MHz/50MHz.
2. Complicated adjustments to a particular frequency band are not required.
3. The BAZOKA-PRO does not require a ground plane (counterpoise).

## Notice

Be sure to inspect the coaxial cable regularly to avoid outside water entering through damage to the cable.

Do not install the antenna, bracket or coaxial cable near to the car's wiring or other electrical parts of the engine, to avoid the risk of fatal injury through shorting.

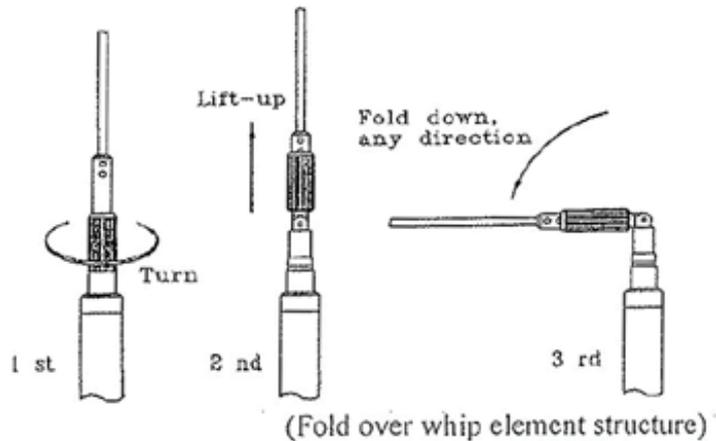
(\*) For the best results on 40 metres, the whip's length can be adjusted by sliding it further in or out of the body depending upon which end of the band it will be used on.



Included with the antenna  
 - Hexagonal key for M4 screws  
 - Operating Instructions

## Tiltable whip

To be able to lower the antenna (e.g. to park in a garage) loosen the threaded part that serves as a fixing for the hinge of your BAZOKA-PRO and pull up the rod, then tilt the antenna at the hinge.



### Attention - safety considerations of a tiltable antenna.

1. Do not drive with the antenna tilted over, otherwise fatal injuries may occur.
2. In the case that the tilted antenna sticks out from the side of the car body, detach your BAZOKA-PRO to avoid the possibility of injuries.
3. Be careful not to trap your fingers when operating the hinge mechanism.
4. Never transmit with the antenna folded down.

## Installation

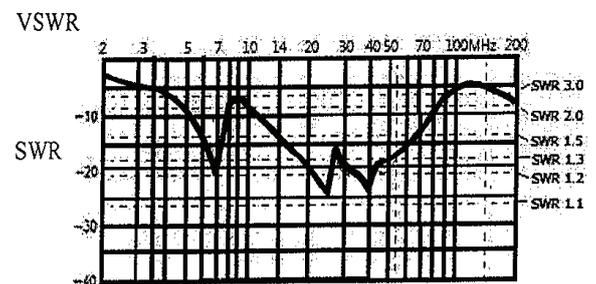
The BAZOKA-PRO does not require a ground plane (counterpoise) so it can be installed anywhere on your vehicle.

As the antenna is heavy, a very strong mount accordingly to its size, is recommended.

This antenna requires no ground plane, so the BAZOKA-PRO can also be installed as a base antenna mounted to the metal railing of a balcony or similar locations.

## Specification

Frequency TX: 7-30MHz/50-54Mhz & RX: 3-70MHz (Receiving only)  
 Impedance 50  $\Omega$   
 VSWR Less than 2.0:1  
 Max Power Rating 120W SSB / 40W FM  
 Length 1.22m  
 Weight 680g Connector PL



When transmitting, use of an antenna tuner may be necessary.

Due to its broadband design in some cases propagation efficiency of the antenna may be reduced.

Although the BAZOKA-PRO has been manufactured under strict quality control should damage occur in shipping please contact your dealer promptly. Do not use the antenna if damaged.

Design and specifications of this antenna can be changed at any time without notice.