



Manual for the
Portable Pneumatic Pole

2018.

Table of Contents

Introduction.....	2
Manufacturer information.....	2
Components.....	3
Specifications.....	4
Usage instructions.....	5
Advice and safety regulations.....	15
Maintenance.....	15
Guarantee.....	15

Introduction

Welcome as a new Portable Pneumatic Pole owner. This pole is designed to help the work of researchers, gardeners, meteorologists, photographers and everybody else who has to measure, photo, video at maximum 10 m height. The advantage of this pole is that it can be used alone.

Manufacturer information

Portable Pneumatic Pole is manufactured by:

Company: Fakopp Enterprise Bt.
EU tax number: HU22207573

Address: Fenyo 26.
City: Agfalva
ZIP: 9423
Country: Hungary

Web: <http://www.fakopp.com>
E-mail: office@fakopp.com
Phone: +36 99 510 996

Components

- alu tube (2 m - 10 m) 14kg
- compressor
- battery for the compressor
- 3 pieces 7 m ropes
- 3 pieces 13 m ropes
- 3 pieces 250-300 mm nails
- 3 pieces anchoring spikes
- hammer
- grease
- case



compressor



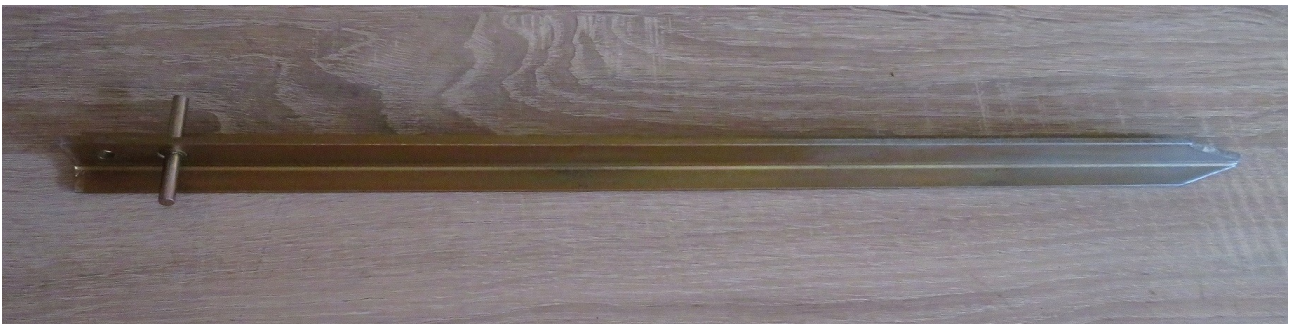
7 m ropes with fastening, carabiners



13 m ropes with fastening, carabiners



250-300 mm nails



Anchoring spike

Specifications

Maximal height	10 m
Maximal loading capacity	2 kg
Maximum allowable wind speed	33 m/s
Weatherproof	yes, IP65

Usage instructions

1.) Select a proper place for measuring. Place the pole's bottom there and let it lay down. The triangle on the bottom helps you to find the proper directions. With the pole in the center go 5 meters in 3 directions, 120° from each other.



The triangle show the directions in 120°

2.) Hammer the anchoring spikes at these positions at an angle about 45° outwards the pole.



3.) Fasten the shorter fastening robes. The end with the wooden fastener should be fixed to the anchoring spikes while the other end with only carabiner should be fixed to the middle fixing triangle on the pole. Let the robe be loose.



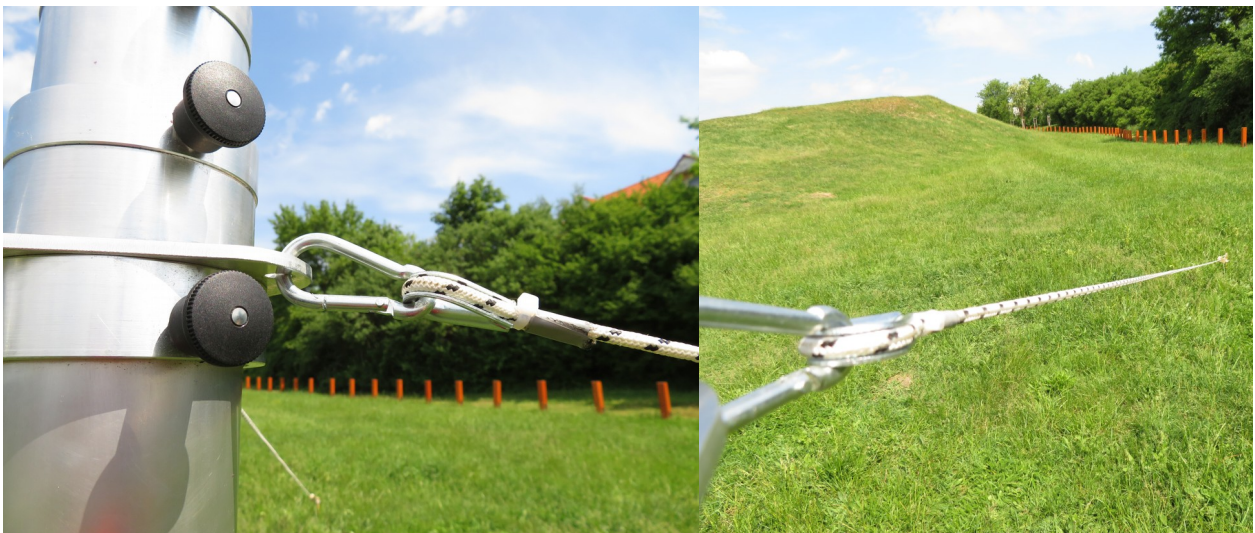


4.) Stand up the pole. Fix it with the nails in the bottom.





5.) Fasten the shorter fastening robes

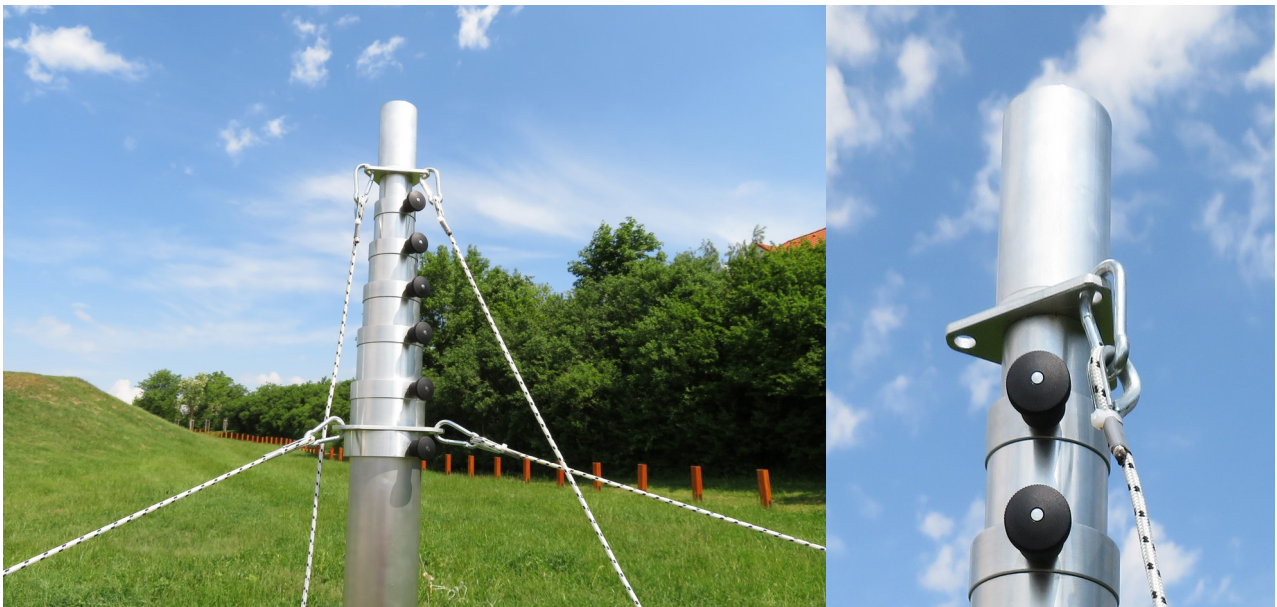


Be sure that the pole itself stands vertically.

6.) Connect the longer fastening ropes. The end with the wooden fastener should be fixed into the carabiner of the short fastening ropes on the anchoring spikes.



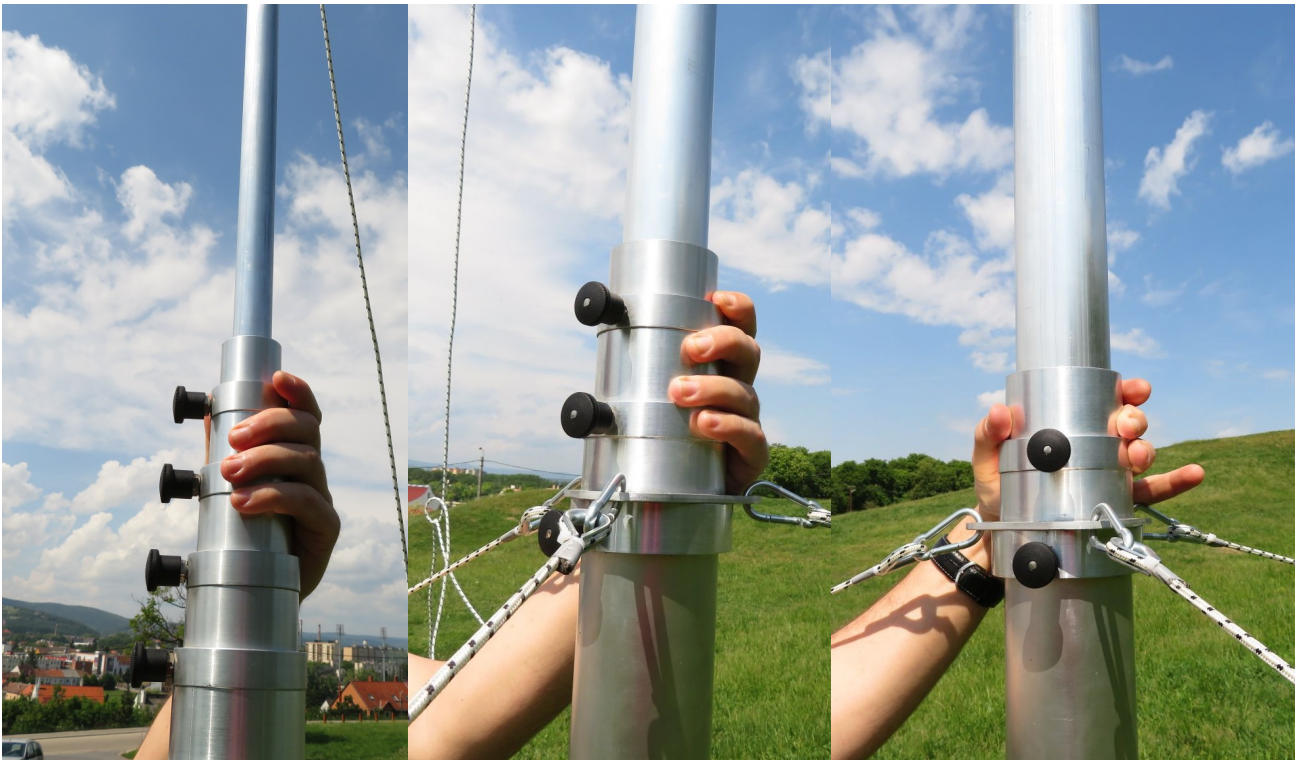
While connect the other end to the upper fixing triangle. Let the robes to be loose.



7.) Connect the compressor to the battery (1). Then connect the compressor to the plug on the bottom of the pole (2).



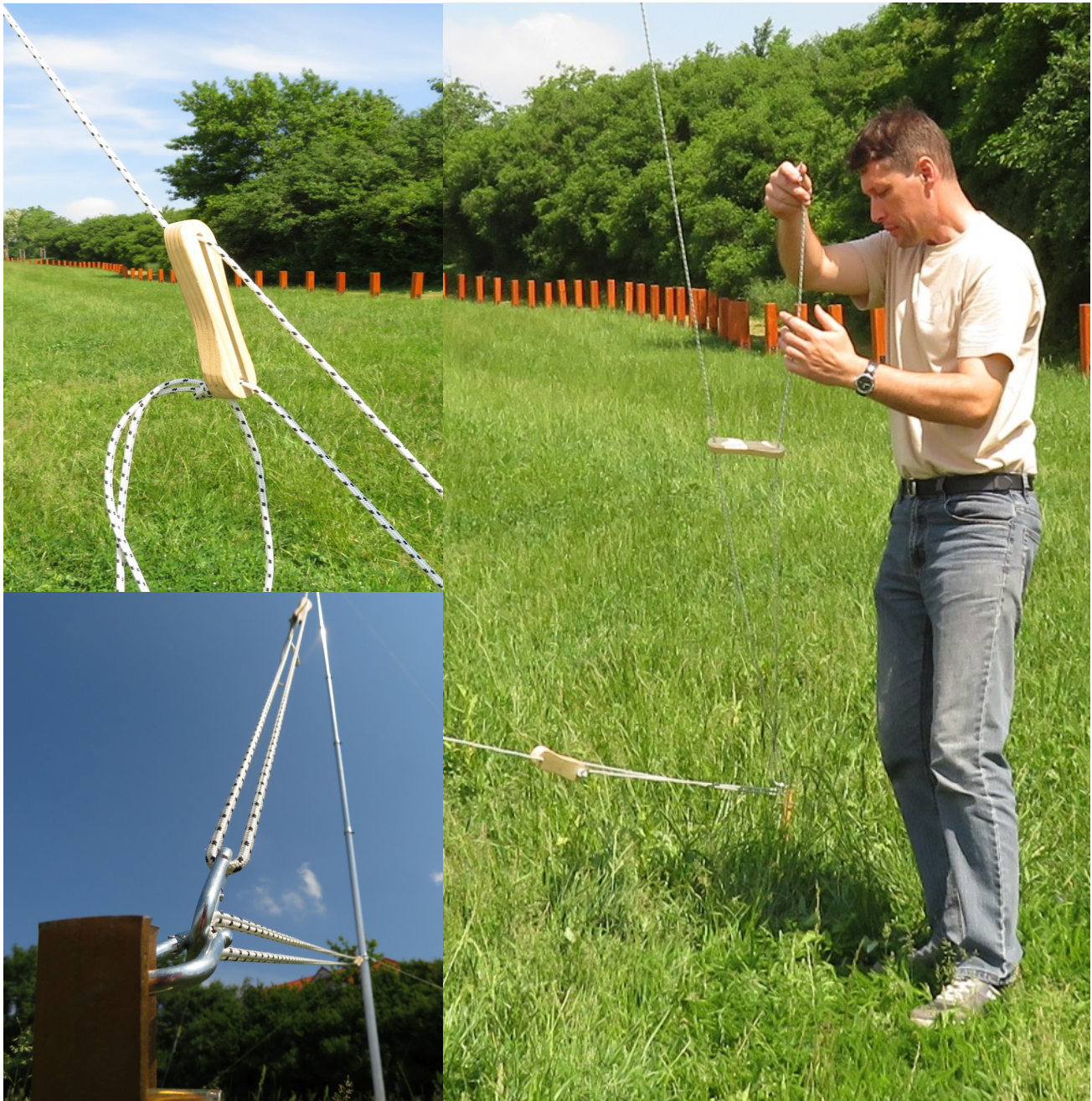
8.) Hold at the second tube's top and turn on the compressor. Hold the second tube's top till the first tube is at its maximal height. The black shaft should jump into its fixing point. Then the third tube's top should be held while the second tube is emerging.



Repeat holding the following and following tube's top till the pole is set to the proper height. Turn off the compressor and remove it. (Remove the battery from the compressor as well.)

The pole will stand because the shafts don't let the tubes slipping back.

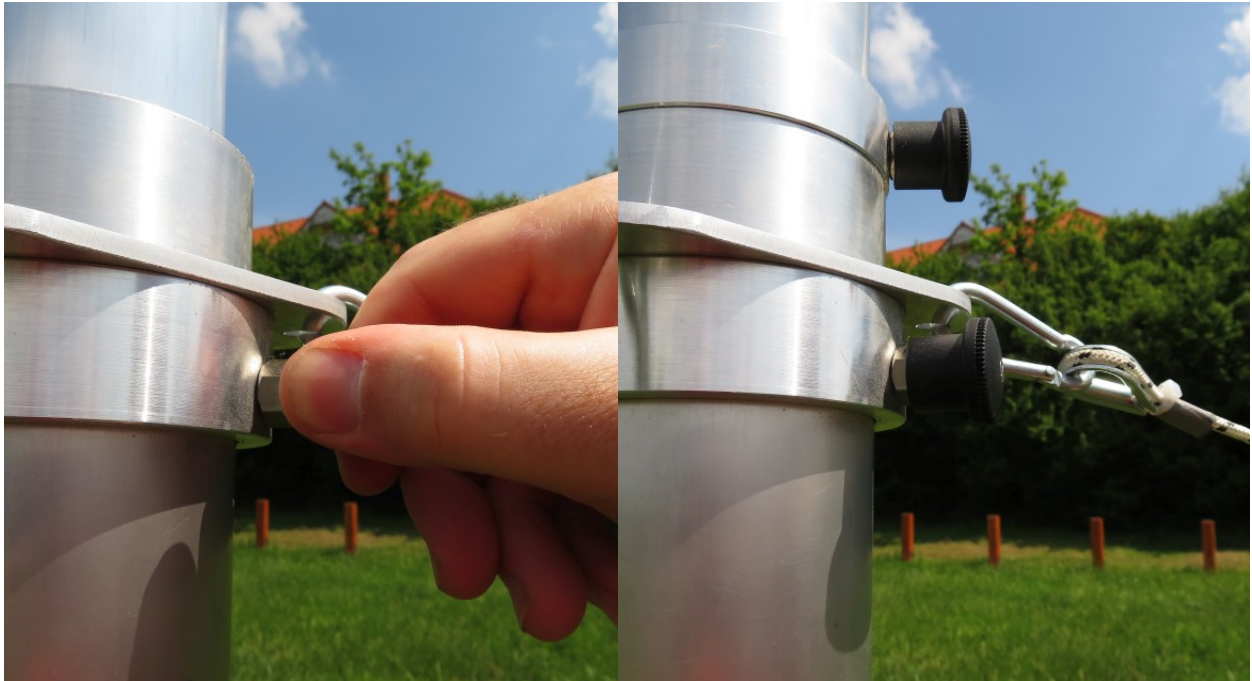
9.) Fasten the long fastening robes. Be sure that the pole (still) stands vertically.



Both the shorter fastening cables connected to the middle triangle and the longer fastening cables connected to the upper triangle should be fastened.

The pole is ready. You can measure, take photos, etc.

10.) After finishing your work. The shafts should be unplugged.



So the tubes can slide back. There is no need to slow the sliding because the air in the tubes will slow the movement.

After all the tubes returned to their original positions please remove both the longer and shorter fastening cables.

Remove the nails. When the third of the nail is out of the soil you can try to remove it yourself.



Remove the anchoring spikes with the help of the shorter fastening ropes.

Advice and safety regulations

Be careful with the tubes, do not hit, bend, break or damage them.

Be sure to use the compressor's battery with the correct connection with the proper poles.

Do not use the pole close to fires.

Maintenance

Clean the fastening spikes, the needles, the pole and other parts after usage.

Recharge the battery for the compressor when it is needed (usually after 3 standing).

Lubricate the sliding surfaces every year (or more often depending on usage).

Do not cut the ropes.

Guarantee

The guarantee last for one year from posting the device. Guarantee does not cover damages caused by not proper maintenance or ignoring usage instructions.